

VOLKER C. RADELOFF

Professor

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PROFESSIONAL APPOINTMENTS

University of Wisconsin–Madison

Professor	Department of Forest and Wildlife Ecology	2011 – ...
Associate Professor	Department of Forest and Wildlife Ecology	2006 – 2011
Assistant Professor	Department of Forest Ecology and Management	2000 – 2006
Postdoctoral Fellow	Department of Forest Ecology and Management	1999 – 2000

EDUCATION

Ph.D. in Forestry, University of Wisconsin–Madison/USA	1998
“Patterns of disturbance in the northwest Wisconsin Pine Barrens – a frame of reference for ecosystem management.” Advisor: D. J. Mladenoff	
Ph.D. Committee: S. T. Gower, R. P. Guries, T. Lillesand, and M. G. Turner	
M.S. in Geographical Information Systems, University of Edinburgh/Scotland	1995
“GIS in wildlife management – modeling deer populations, hunting and forestry in the Western Hunsrück.” Advisor: W. Mackaness	
Diplom in Physical Geography/Remote Sensing, University of Trier/Germany	1994
“Enhanced satellite forest mapping – an integration of spectral mixture analysis, atmospheric and topographic correction, and GIS.” Advisor: J. Hill	

AWARDS

Kellet Mid-Career Faculty Researcher Award	2015
Office of the Vice Chancellor for Research and Graduate Education, UW-Madison	
Romnes Faculty Fellowship	2010
The Graduate School, UW-Madison	
Vilas Associate Research Award	2008
The Graduate School, UW-Madison	
Pound Research Award, College of Agriculture and Life Science, UW-Madison	2007
Aldo Leopold Leadership Program Fellowship	2005
Outstanding Doctoral Research Award, Int. Union of Forest Research Organizations	2000
Marie Kohler Fellowship, The Graduate School, UW-Madison	1998
German Academic Exchange Service (DAAD) Graduate Fellowship	1994

PEER-REVIEWED JOURNAL ARTICLES

H-index – Google Scholar: 99 and 31,000 citations; Web of Science: 76 and 18,500

IN PRESS

330. ★Carroll, K., A. M. Pidgeon, P. Elsen, L. Farwell, D. J. Gudex-Cross, B. Zuckerberg, and V. C. Radeloff. 2024. Mapping multi-scale breeding bird species distributions across the United States and evaluating their conservation applications. *Ecological Applications*, *in press*.
329. Fastovich, D., V. C. Radeloff, B. Zuckerberg, and J. W. Williams. Legacies of millennial-scale climate oscillations in contemporary biodiversity in eastern North America. *Proceedings of the Royal Society B*, *in press*.
328. Munteanu, C., B. M. Kraemer, H. H. Hansen, S. Miguel, E.J. Milner-Gulland, M. Nita, V. C. Radeloff, S. Roverelli, O. O. Shumilova, I. Storch, T. Kuemmerle. 2024. The potential of historical spy-satellite imagery to support research in ecology and conservation. *BioScience*, *in press*.
327. Bardavid, S., R. Luis, S. Martinuzzi, A. M. Pidgeon, V. C. Radeloff, and N. Politi. 2024. Identifying medium and large-sized mammal species sensitive to anthropogenic impact for monitoring in subtropical montane forest. *Environmental Conservation*, *in press*.

2024

326. ‡Kaim, D., P. Szubert, M. Shahbandeh, J. Kozak, K. Ostafin, and V. C. Radeloff. 2024. Growth of the wildland-urban interface and its spatial determinants in the Polish Carpathians. *Applied Geography*, *163: 103180*.
325. Radeloff, V. C., D. P. Roy, M. A. Wulder, M. Anderson, B. Cook, C. J. Crawford, M. Friedl, F. Gao, N. Gorelick, M. Hansen, S. Healey, P. Hostert, G. Hulley, J. L. Huntington, D. M. Johnson, C. Neigh, A. Lyapustin, L. Lymburner, N. Pahlevan, J.-F. Pekel, T. A. Scambos, C. Schaaf, P. Strobl, C. E. Woodcock, H. K. Zhang, and Z. Zhu. 2024. Need and vision for global medium-resolution Landsat and Sentinel-2 data products. *Remote Sensing of Environment*, *300: 113918*.

2023

324. ‡Affek, A. N., Z. Jabs-Sobocińska, J. Wolski, and V. C. Radeloff. 2023. Pockets of persistence of agricultural land use during the socioeconomic shock of forced post-WWII displacements in the Carpathians. *Land Use Policy*, *131: 106678*.
323. ★Carlson, A. R., V. C. Radeloff, D. P. Helmers, M. H. Mockrin, T. J. Hawbaker, and A. M. Pidgeon. 2023. The extent of buildings in wildland vegetation of the conterminous U.S. and the potential for conservation in and near National Forest private inholdings. *Landscape and Urban Planning*, *237: 104810*.
322. Bar-Massada, A., F. Alcansena, F. Schug, and V. C. Radeloff. 2023. The Wildland-Urban Interface in Europe: spatial patterns and associations with socio-economic and demographic variables. *Landscape and Urban Planning*, *235: 104759*.
321. Hawbaker, T. J., P. D. Henne, M. K. Vanderhoof, A. R. Carlson, M. H. Mockrin, and V. C. Radeloff. 2023. Changes in wildfire occurrence and risk to homes from 1990 through 2019 in the Southern Rocky Mountains, USA. *Ecosphere*, *14: e4403*.
320. Huang, Q., B. L. Bateman, N. L. Michel, A. M. Pidgeon, V. C. Radeloff, P. Heglund, A. J. Allstadt, J. A. Nowakowski, J. Wong, and J. R. Sauer. 2023. Modeled distribution shifts of

A ★ indicates senior authorship by a student or postdoc who I (co-)supervised, a ‡ an international visitor to the SILVIS lab

- North American birds over four decades based on suitable climate alone do not predict observed shifts. *Science of the Total Environment*, 857: 159603.
319. Huang, Q., J. Xu, J. P. Wong, V. C. Radeloff, and M. Songer. 2023. Prioritizing global tall forest toward the 30-by-30 goals. *Conservation Biology*, 37(6): e14135.
318. ‡Kaim, D., D. P. Helmers, M. Jakiel, D. Pavlacka, and V. C. Radeloff. 2023. The Wildland—Urban Interface in Poland reflects legacies of historical national borders. *Landscape Ecology*, 38: 2399-2415.
317. ★Kasraee, N. K., T. J. Hawbaker, and V. C. Radeloff. 2023. Identifying building locations in the wildland-urban interface before and after fires with convolutional neural networks. *International Journal of Wildland Fire*, 32(4): 610-621.
316. Keyser, S. R., D. Fink, D. Gudex-Cross, V. C. Radeloff, J. N. Pauli, and B. Zuckerberg. 2023. Snow cover dynamics: an overlooked feature of winter bird occurrence and abundance. *Ecography*, 2023: e06378.
315. ★Kimambo, N., and V. C. Radeloff. 2023. Using Landsat and Sentinel-2 spectral time series to detect East African small woodlots. *Science of Remote Sensing*, 8: 100096.
314. ★Lewinska, K. E., A. R. Ives, C. Morrow, N. Rogova, H. Yin, P. Elsen, K. de Beurs, P. Hostert, and V. C. Radeloff. 2023. Beyond ‘greening’ and ‘browning’: trends in grassland ground cover fractions across Eurasia that account for spatial and temporal autocorrelation. *Global Change Biology*, 29(16): 4620-4637.
313. Li, K., J. Zhu, A. R. Ives, V. C. Radeloff, and F. Wang. 2023. Semiparametric regression for spatial data via deep learning. *Spatial Statistics*, 57: 100777.
312. ★Martinuzzi, S., A. M. Olah, L. Rivera, N. Politi, E. M. O. Silveira, G. Martínez Pastur, Y. M. Rosas, L. Lizarraga, P. Názaro, S. Bardavid, V. C. Radeloff, and A. M. Pidgeon. 2023. Closing the research-implementation gap: integrating species distributions and human footprint data into Argentina’s forest conservation planning. *Biological Conservation*, 286: 110257.
311. Rad, A. M., J. T. Abatzoglou, E. Fleishman, M. H. Mockrin, V. C. Radeloff, Y. Pourmohamad, M. Cattau, J. M. Johnson, P. Higuera, N. J. Nauslar, and M. Sadegh. 2023. Social vulnerability of the people exposed to wildfires in U.S. West Coast states. *Science Advances*, 9: eadh4615.
310. Radeloff, V. C., M. H. Mockrin, D. Helmers, A. Carlson, T. J. Hawbaker, S. Martinuzzi, F. Schug, P. M. Alexandre, A. H. Kramer, and A. M. Pidgeon. 2023. Rising wildfire risk to houses in the United States, especially in western grass- and shrublands. *Science*, 382(6671): 702-707.
309. ★Razenkova, E., M. Dubinin, A. M. Pidgeon, M. L. Hobi, L. Zhu, E. V. Bragina, A. A. Allen, M. K. Clayton, L. M. Baskin, N. C. Coops, and V. C. Radeloff. 2023. Abundance patterns of eight mammal species across Russia explained by remotely-sensed indices of vegetation productivity and snow cover. *Journal of Biogeography*, 50(5): 932-946.
308. ★Rizayeva, A., M. D. Nita, and V. C. Radeloff. 2023. Large-area, 1960s land cover classifications of Corona spy satellite imagery for the Caucasus Mountains. *Remote Sensing of Environment*, 284: 113343.
307. ★Schug, F., A. Bar-Massada, A. R. Carlson, H. Cox, T. J. Hawbaker, D. Helmers, P. Hostert, D. Kaim, N. K. Kasraee, S. Martinuzzi, M. H. Mockrin, K. A. Pfoch, and V. C. Radeloff. 2023. The global Wildland-Urban Interface. *Nature*, 621: 94-99.
306. ★Silveira, E. M. O., A. M. Pidgeon, L. S. Farwell, L. S. Hobi, M. L. Razenkova, B. Zuckerberg, N. C. Coops, and V. C. Radeloff. 2023. Multi-grain habitat models that combine satellite

sensors with different resolutions explain bird richness patterns best. *Remote Sensing of Environment*, 295: 113661.

305. ★Silveira, E. M. O., V. C. Radeloff, S. Martinuzzi, G. J. Martínez Pastur, J. Bono, L. Lizarraga, L. O. Rivera, L. Ciuffoli, Y. M. Rosas, A. M. Olah, G. I. Gavier-Pizarro, and A. M. Pidgeon. 2023. Nationwide native forest structure maps for Argentina based on forest inventory data, SAR Sentinel-1 and vegetation metrics from Sentinel-2 imagery. *Remote Sensing of Environment*, 285: 113391.
304. ★Sutheimer, C. M., J. Meunier, I. Drobyshev, M. C. Stambaugh, S. C. Hotchkiss, E. Rebitzke, and V. C. Radeloff. 2023. Climate forcing of regional fire years in the upper Great Lakes Region, USA. *International Journal of Wildland Fires*, 32(5): 796-813.
303. ★Suttidate, N., A. M. Pidgeon, M. L. Hobi, P. D. Round, M. Dubinin, and V. C. Radeloff. 2023. The effects of habitat heterogeneity, as measured by satellite image texture, on tropical forest bird distributions. *Biological Conservation*, 281: 110002.

2022

302. ★Buchner, J., V. Butsic, H. Yin, T. Kuemmerle, M. Baumann, N. Zazanashvili, J. Stapp, and V. C. Radeloff. 2022. Localized versus wide-ranging effects of the post-Soviet wars in the Caucasus on agricultural abandonment. *Global Environmental Change*, 76: 102580.
301. Burivalova, Z., C. Rosin, J. Buchner, V. C. Radeloff, and N. Ocampo-Peñuela. 2022. Conservation responsibility for bird species in tropical logged forests. *Conservation Letters*, e12903.
300. ★Carlson, A., D. H. Helmers, T. J. Hawbaker, M. H. Mockrin, and V. C. Radeloff. 2022. The wildland-urban interface in the United States based on 125 million building locations. *Ecological Applications*, 2022: e2597.
299. ★Carroll, K. A., L. S. Farwell, A. M. Pidgeon, E. Razenkova, D. Gudex-Cross, D. P. Helmers, K. E. Lewinska, P. R. Elsen, and V. C. Radeloff. 2022. Mapping breeding bird species richness at management-relevant resolutions across the United States. *Ecological Applications*, 32: e2624.
298. Crawford, C. L., H. Yin, V. C. Radeloff, and D. S. Wilcove. 2022. Rural land abandonment is too ephemeral to provide major benefits for biodiversity and climate. *Science Advances*, 8: eabm8999.
297. ★Gudex-Cross, D., L. Zhu, S. R. Keyser, B. Zuckerberg, J. N. Pauli, and V. C. Radeloff. 2022. Winter conditions structure extratropical patterns of species richness of amphibians, birds, and mammals globally. *Global Ecology and Biogeography*, 31: 1366-1380.
296. Ives, A. R., L. Zhu, F. Wang, J. Zhu, C. J. Morrow, and V. C. Radeloff. 2022. Statistical tests for non-independent partitions of large autocorrelated datasets. *MethodsX*, 9: 101660.
295. Martínez Pastur, G., M.-C. Aravena Acuña, E. M. O. Silveira, A. v. Müller, L. La Manna, M. Gonzalez Polo, J. E. Chavez, J. M. Cellini, M. V. Lencinas, V. C. Radeloff, A. M. Pidgeon, and P. L. Peri. 2022. Modelling soil organic carbon content in Patagonian forests based on climate, topography and vegetation metrics from satellite imagery. *Remote Sensing*, 14(22): 5702.
294. Mockrin, M. H., D. Helmers, T. J. Hawbaker, and V. C. Radeloff. 2022. Growth of the wildland-urban interface within and around U.S. National Forests and Grasslands, 1990-2010. *Landscape and Urban Planning*, 218: 104283.
293. Mockrin, M. H., S. I. Stewart, H. K. Fisher, A. Kramer, and V. C. Radeloff. 2022. A tale of two fires: Retreat and rebound a decade after wildfires in California and South Carolina. *Society & Natural Resources*, 35(8): 875-895.

A ★ indicates senior authorship by a student or postdoc who I (co-)supervised, a ‡ an international visitor to the SILVIS lab

292. ★Silveira, E. M. O., V. C. Radeloff, G. J. Martinez Pastur, S. Martinuzzi, N. Politi, L. Lizarranga, L. O. Rivera, G. I. Gavier-Pizarro, H. Yin, Y. M. Rosas, N. C. Calamari, M. F. Navarro, Y. Sica, A. M. Olah, and A. M. Pidgeon. 2022. Forest phenoclusters for Argentina based on vegetation phenology and climate. *Ecological Applications*, 2022: e2526.
291. ★Turlej, K., M. Ozdogan, and V. C. Radeloff. 2022. Mapping forest types over large areas with Landsat data partially affected by clouds and SLC gaps. *International Journal of Applied Earth Observation and Geoinformation*, 107: 102689.
289. Wulder, M. A., D. P. Roy, V. C. Radeloff, T. R. Loveland, M. C. Anderson, D. M. Johnson, S. Healey, Z. Zhu, T. A. Scambos, N. Pahlevan, M. Hansen, N. Gorelick, C. J. Crawford, J. G. Masek, T. Hermosilla, J. C. White, A. S. Belward, C. Schaaf, C. Woodcock, J. L. Huntington, L. Lyburner, P. Hostert, F. Gao, A. Lyapustin, J-F. Pekel, P. Strobl, E. Vermote, and B. C. Cook. 2022. Fifty years of Landsat science and impacts. *Remote Sensing of Environment*, 280: 113195.
290. ★Yin, H., B. Tan, D. Frantz, and V. C. Radeloff. 2022. Integrated topographic correction improves forest mapping using Landsat imagery. *International Journal of Applied Earth Observation and Geoinformation*, 108: 102716.

2021

288. ‡Affek, A. N., J. Wolski, M. Zachwatowicz, K. Ostafin, and V. C. Radeloff. 2021. Effects of post-WWII forced displacements on long-term landscape dynamics in the Polish Carpathians. *Landscape and Urban Planning*, 214: 104164.
287. Burivalova, Z., S. J. Hart, V. C. Radeloff, and U. Srinivasan. 2021. Early warning signs of forest loss in protected areas. *Current Biology*, 31, 1-7.
286. ★Carlson, A., M. Seabasky, M. Peters, and V. C. Radeloff. 2021. The importance of small fires for wildfire hazard in urbanized landscapes of the northeastern U.S. *International Journal of Wildland Fire*, 30(5): 307-321.
285. Crossley, M. S., K. D. Burke, S. D. Schoville, and V. C. Radeloff. 2021. Recent collapse of crop belts and declining diversity of US agriculture since 1840. *Global Change Biology*, 27: 151-164.
284. ★Elsen, P. R., L. S. Farwell, A. M. Pidgeon, and V. C. Radeloff. 2021. Contrasting seasonal patterns of relative temperature and thermal heterogeneity and their influence on breeding and winter bird richness patterns across the conterminous United States. *Ecography*, 44(6): 953-965.
283. ★Gudex-Cross, D., S. R. Keyser, B. Zuckerberg, D. Fink, L. Zhu, J. N. Pauli, and V. C. Radeloff. 2021. Winter Habitat Indices (WHIs) for the contiguous US and their relationship with winter bird biodiversity. *Remote Sensing of Environment*, 255: 112309.
282. ★Hobi, M., L. Farwell, M. Dubinin, D. Kolesov, A. M. Pidgeon, N. C. Coops, and V. C. Radeloff. 2021. Patterns of bird species richness explained by annual variation in remotely sensed Dynamic Habitat Indices. *Ecological Indicators*, 127: 107774.
281. Ives, A. R., L. Zhu, F. Wang, J. Zhu, C. J. Morrow, and V. C. Radeloff. 2021. Statistical inference for trends in spatio-temporal data. *Remote Sensing of Environment*, 266: 112678.
280. ★Farwell, L. S., D. Gudex-Cross, I. E. Anise, M. J. Bosch, A. M. Olah, V. C. Radeloff, E. Razenkova, N. Rogova, E. M. O. Silveira, M. M. Smith, and A. M. Pidgeon. 2021. Satellite image texture captures vegetation heterogeneity and explains patterns of bird richness. *Remote Sensing of Environment*, 253: 112175.

279. ★Kramer, H. A., V. Butsic, M. H. Mockrin, C. Ramirez-Reyes, P. M. Alexandre, and V. C. Radeloff. 2021. Post-fire rebuilding and new development in California indicates minimal adaptation for fire risk. *Land Use Policy*, 107: 105502.
278. ★Lewinska, K. E., J. Buchner, B. Bleyhl, P. Hostert, H. Yin, T. Kuemmerle, and V. C. Radeloff. 2021. Changes in the grasslands of the Caucasus based on Cumulative Endmember Fractions from the full 1987-2019 Landsat record. *Science of Remote Sensing*, 4: 100035.
277. ★Martinuzzi, S., V. C. Radeloff, G. J. Martinez Pastur, Y. M. Rosas, L. Lizarraga, N. Politi, L. Rivera, A. H. Herrera, E. M. O. Silveira, A. Olah, and A. M. Pidgeon. 2021. Informing forest conservation planning with detailed human footprint data for Argentina. *Global Ecology and Conservation*, 31: e01787.
276. ‡Politi, N., L. Rivera, S. Martinuzzi, V. C. Radeloff, and A. M. Pidgeon. 2021. Conservation prioritizations when species distribution data is sparse. *Landscape and Urban Planning*, 210: 104067.
275. ‡Rivera, L., S. Martinuzzi, N. Politi, S. Bardavid, S. De Bustos, V. C. Radeloff, and A. M. Pidgeon. 2021. National Parks influence habitat use of lowland tapirs in adjacent private lands in the Southern Yungas of Argentina. *Oryx*, 55(4): 625-634.
274. ★Silveira, E. M. O., V. C. Radeloff, S. Martinuzzi, G. J. Martinez Pastur, L. O. Rivera, N. Politi, L. Lizarraga, L. S. Farwell, P. R. Elsen, A. M. Pidgeon. 2021. Spatio-temporal remotely sensed indices identify hotspots of biodiversity conservation concern. *Remote Sensing of Environment*, 258: 112368.
273. ★Sutheimer, C. M., J. Meunier, S. C. Hotchkiss, E. Rebitzke, and V. C. Radeloff. 2021. Historical fire regimes of North American hemiboreal peatlands. *Forest Ecology and Management*, 498: 119561.
272. ★Suttidate, N., R. Steinmetz, A. J. Lynam, R. Sukmasuang, D. Ngoprasert, W. Chutipong, B. L. Bateman, K. E. Jenks, M. Baker-Whatton, S. Kitamura, E. Ziłkowska, and V. C. Radeloff. 2021. Habitat connectivity for endangered Indochinese tigers in Thailand. *Global Ecology and Conservation*, 29: e01718.

2020

271. ★Buchner, J., H. Yin, D. Frantz, T. Kuemmerle, B. Bleyhl, T. Bakuradze, N. Elizbarashvili, A. Komarova, K. E. Lewińska, A. Rizayeva, H. Sayadyan, B. Tan, G. Tepanosyan, N. Zazanashvili, and V. C. Radeloff. 2020. Land-cover change in the Caucasus Mountains since 1987 based on the topographic correction of multi-temporal Landsat composites. *Remote Sensing of Environment*, 248: 111967.
270. ★Elsen, P. R., L. S. Farwell, A. M. Pidgeon, and V. C. Radeloff. 2020. Landsat 8 TIRS-derived relative temperature and thermal heterogeneity predict winter bird species richness patterns across the conterminous United States. *Remote Sensing of Environment*, 236: 111514.
269. ★Farwell, L. S., P. R. Elsen, E. Razenkova, A. M. Pidgeon, and V. C. Radeloff. 2020. Habitat heterogeneity captured by 30-m resolution satellite image texture predicts bird richness across the U.S. *Ecological Applications*, 30(8): e02157.
268. Fuentes, M. P. B., A. J. Allstadt, S. A Ceriani, M. H. Godfrey, C. Gredzens, D. Helmers, D. Ingram, M. Pate, V. C. Radeloff, D. J. Shaver, N. Wildermann, L. Taylor, and B. L. Bateman. 2020. Potential adaptability of marine turtles to climate change may be hindered by coastal development in the USA. *Regional Environmental Change*, 20: 104(2020).

267. ★Guzman-Colon, D. K., A. M. Pidgeon, S. Martinuzzi, and V. C. Radeloff. 2020. Conservation planning for island-nations: A case study for developing an ecological network resilient to anthropogenic change. *Global Ecology and Conservation*, 23(2020) e01075.
266. Hardy, M. A., M. S. Broadway, C. D. Pollentier, V. C. Radeloff, J. D. Riddle, S. D. Hull, and B. Zuckerberg. 2020. Responses to land cover and grassland management vary across life history stages for a grassland specialist. *Ecology and Evolution*, 10: 12777-12791.
265. Ives, A. R., B. T. Barton, R. M. Penczykowski, J. P. Harmon, K. L. Kim, K. Oliver, and V. C. Radeloff. 2020. Self-perpetuating ecological-evolutionary dynamics in an agricultural host-parasite system. *Nature Ecology and Evolution*, 4, 702-711(2020).
264. ★Kimambo, N., J. L'Roe, L. Naughton-Treves, and V. C. Radeloff. 2020. The role of smallholder woodlots in global restoration pledges – Lessons from Tanzania. *Forest Policy and Economics*, 115(2020): 102144.
263. ★Lewinska, K. E., P. Hostert, J. Buchner, B. Bleyhl, and V. C. Radeloff. 2020. Short-term vegetation loss versus decadal degradation of grasslands in the Caucasus based on Cumulative Endmember Fractions. *Remote Sensing of Environment*, 248: 111969.
262. ‡Politi, N., S. Martinuzzi, P. S. Aragon, V. Miranda, S. Albanesi, P. Puechagut, V. C. Radeloff, A. M. Pidgeon, and L. Rivera. 2020. Conservation status of the threatened and endemic Rufous-throated Dipper *Cinclus schulzi* in Argentina. *Bird Conservation International*, 30(3): 396-405.
261. ★Razenkova, E., V. C. Radeloff, M. Dubinin, E. V. Bragina, A. M. Allen, M. K. Clayton, A. M. Pidgeon, L. M. Baskin, N. C. Coops, and M. L. Hobi. 2020. Vegetation productivity summarized by the Dynamic Habitat Indices explains broad-scale patterns of moose abundance across Russia. *Scientific Reports*, 10: 836.
260. ★Rendenieks, Z., M. D. Nita, O. Nikodemus, and V. C. Radeloff. 2020. Half a century of forest cover change along the Latvian-Russian border captured by object-based analysis of Corona and Landsat TM/OLI data. *Remote Sensing of Environment*, 249: 112010.
259. ★Rojas, I. M., A. M. Pidgeon, and V. C. Radeloff. 2020. Restoring riparian forests according to existing regulations could greatly improve connectivity for forest fauna in Chile. *Landscape and Urban Planning*, 203: 103895.
258. ‡Uribe, S. V., C. F. Estades, and V. C. Radeloff. 2020. Pine plantations and five decades of land use change in central Chile. *PLOS One*, 15(3): e0230193.
257. Uvsh, D., S. Gehlbach, P. V. Potapov, C. Munteanu, E. V. Bragina, and V. C. Radeloff. 2020. Correlates of forest-cover change in European Russia, 1989-2012. *Land Use Policy*, 96(2020): 104648.
256. ★Yin, H., A. Brandão, J. Buchner, D. Helmers, B. G. Iuliano, N. E. Kimambo, K. E. Lewińska, E. Razenkova, A. Rizayeva, N. Rogova, S. A. Spawn, Y. H. Xie, and V. C. Radeloff. 2020. Monitoring cropland abandonment with Landsat time series. *Remote Sensing of Environment*, 246: 111873.

2019

255. Bleyhl, B., M. Arakelyan, E. Askerov, H. Bluhm, A. Gavashelishvili, M. Ghasabyan, A. Ghoddousi, A. Heidelberg, I. Khorozyan, A. Malkhasyan, K. Manvelyan, M. Masoud, E. M. Moqanaki, V. C. Radeloff, M. Soofi, P. Weinberg, N. Zazanashvili, and T. Kuemmerle. 2019. Assessing niche overlap between domestic and threatened wild sheep to identify conservation priority areas. *Diversity and Distributions*, 25: 129-141.

A ★ indicates senior authorship by a student or postdoc who I (co-)supervised, a ‡ an international visitor to the SILVIS lab

254. Brandt, J. S., V. C. Radeloff, T. Allendorf, V. Butsic, and A. Roopsind. 2019. Effects of ecotourism on forest loss in the Himalayan biodiversity hotspot based on counterfactual analyses. *Conservation Biology*, 33(6): 1318-1328.
253. Carter, S. K., S. S. Maxted, T. L. E. Bergeson, L. Scott, and V. C. Radeloff. 2019. Assessing vulnerability and threat to conservation opportunity areas identified in State Wildlife Action Plans across the United States. *Landscape and Urban Planning*, 185: 237-245.
252. Coops, N. C., D. K. Bolton, M. L. Hobi and V. C. Radeloff. 2019. Untangling multiple species richness hypothesis globally using remote sensing habitat indices. *Ecological Indicators*, 107: 105567.
251. ‡Godoy, M. M., S. Martinuzzi, H. A. Kramer, G. D. Defossé, J. Argañaraz, and V. C. Radeloff. 2019. Rapid WUI growth and wildfires in a natural-amenity rich region in central-western Patagonia, Argentina. *International Journal of Wildland Fire*, 28(7): 473-484.
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- Radeloff, V. C. 1998. Patterns of disturbance in the northwest Wisconsin Pine Barrens: a frame of reference for ecosystem management. *Ph.D. Thesis, University of Wisconsin - Madison. Madison, WI, USA, pp. 297.*
- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1998. Jack pine budworm defoliation monitoring and modelling using spectral mixture analysis. In: *Proceedings of the 27th International Symposium on Remote Sensing of Environment; Tromsø, Norway, June 8-12, 1998, pp. 644-647.*
- Radeloff, V. C., J. Hill, and W. Mehl. 1997. Forest mapping from space - optimal data pre-processing by applying spectral mixture analysis and topographic correction. JRC/Ispra. *EU-Report 17702 EN. 90 pp.*
- Radeloff, V. C., and P. Hostert. 1997. Räumliche Analyse der Wald-Wild Problematik. *Allgemeine Forst Zeitschrift. 6:331-332.*
- Hill, J., W. Mehl, and V. C. Radeloff. 1995. Improved forest mapping by combining corrections of atmospheric and topographic effects in Landsat TM imagery. In: Askne, J. Ed. *Sensors and Environmental Applications of Remote Sensing. Balkena, Rotterdam. pp. 143-151.*
- Radeloff, V. C. 1995. GIS in wildlife management - modelling deer populations, hunting and forestry in the Western Hunsrueck. *M.Sc. Thesis. University of Edinburgh. 96 pp.*

Radeloff, V. C. 1994. Enhanced satellite forest mapping - an integration of spectral mixture analysis, atmospheric & topographic correction and GIS. *Diploma Thesis. University of Trier, 124 pp.*

RESEARCH GRANTS

Awarded: \$33,250,000 in total, \$17,500,000 as PI

PENDING RESEARCH GRANTS

Radeloff, V. C., et al. WUI research for NASA FireSense pre- and post-fire use cases. *NASA FireSense Implementation Team*, in review, \$371,615.

Radeloff, V. C., et al. Significance of greening trends and their drivers in the Arctic. *NSF Arctic Science*, in review, \$779,000.

Townsend, P. A., T. Zheng, V. C. Radeloff, et al. Foliar functional traits from EMIT. *NASA EMIT Science and Applications Team*, in review, \$514,000.

ACTIVE RESEARCH GRANTS

Awarded 2023

Radeloff, V. C., A. R. Ives, A. M. Pidgeon, S. Martinuzzi, F. Schug, H. Cox, K. Pfoch, S. Stephens, A. R. Carlson, T. J. Hawbaker, M. Mockrin, A. Bar-Massada, P. Hostert, and D. Kaim. 2023. Wildfire impacts on communities in the Wildland Urban Interface and ecosystems in protected areas. *NASA Interdisciplinary Sciences*, 2023-2026, \$1,5 million.

Seto, K., S. Chen, J. Balch, and V. C. Radeloff. 2023. Urbanization and fire risk at the Global Wildland-Urban Interface: A multi-sensor study of past and future trends. *NASA LCLUC*, 2023-2026, \$750,000 (\$120,000 for UW-Madison).

Awarded 2022

Mockrin, M. H., V. C. Radeloff and T. J. Hawbaker. 2022. A new perspective on the wildland-urban interface: merging satellite and Census data to quantify defensible space, invasive species, and social vulnerability in the WUI. *NASA SMD*, 2022-2025, \$499,140.

Awarded 2021

Radeloff, V. C., A. M. Pidgeon, M. Hobi, N. C. Coops, A. R. Ives, D. Gudex-Cross, E. Silveira. 2021. The Dynamic Habitat Indices from Terra, Aqua, Suomi NPP and JPSS data for biodiversity science and conservation. *NASA Science of Terra, Aqua, and Suomi NPP*, 2021-2024, \$683,000.

Radeloff, V. C., A. M. Pidgeon, B. Zuckerman, L. S. Farwell, A. Bar-Massada, N. Coops, M. Hobi, and A. R. Ives. 2021. Multiple spatial scales, long-term trends, and synchrony of the dynamic habitat indices and bird populations. *NASA Biodiversity Program*, 2021-2024, \$772,543.

Sanderson, E., J. Rodriguez, D. Jorgensen, and V. C. Radeloff. 2021. Act Green: A near-real time integrated mapping and reporting system for re-wilding efforts: applying, extending and enhancing an application for tigers (*Panthera tigris*) to lions (*Panthera leo*), jaguars (*Panthera onca*), and American bison (*Bison bison*). *NASA Ecological Forecasting Program*, 2021-2024, \$1,077,000.

A * indicates senior authorship by a student or postdoc who I (co-)supervised, a ‡ an international visitor to the SILVIS lab

Awarded 2020

- Radeloff, V. C., S. Martinuzzi, K. Lewińska, A. Bar-Massada, T. J. Hawbaker, P. Hostert, D. Kaim, M. Mockrin, J. Pereira, O. Price, and F. Schug. 2020. Global Hotspots of the Wildland Urban Interface. *NASA Land Cover and Land Use Change Program*, 2021-2023, \$778,563.
- Radeloff, V. C., and S. I. Mockrin. 2020. Wildland-urban interface (WUI) update, 2020. *USFS Northern Research Station*, 2010-2023, \$270,000.

Awarded 2019

- Pidgeon, A. M., and V. C. Radeloff. 2019. Forest phenological variability, patterns, implications, and strategy as a forest management goal for climate change adaptation. *USDA-CREES McIntire Stennis Program*, 2021-2024, \$150,000.
- Radeloff, V. C. 2019. Mapping the Wildland Urban Interface from satellite-derived urban footprint data. *USDA-CREES McIntire Stennis Program*, 2020-2024, \$150,000.

CONCLUDED RESEARCH GRANTS

- Pidgeon, A. M., V. C. Radeloff, V. C., and S. I. Mockrin. 2020. Wildland-Urban Interface (WUI) development and National Forests: effects on bird populations, 1990-2020. *USFS Regional Assessment and Planning*, 2010-2023, \$240,000.
- Ives, A. R., V. C. Radeloff, J. Zhu, and F. Wang. 2019. Valid time-series analyses of satellite data to obtain statistical inference about spatiotemporal trends at global scales. *NASA Advanced Information Systems Technology Program*, 2020-2022, \$1,170,000.
- Meunier, J., and V. C. Radeloff. 2019. Fire in forested peatlands of the Upper Midwest. *Wisconsin Department of Natural Resources*, 2019-2021, \$98,000.
- Radeloff, V. C. 2019. Mapping the Wildland-Urban Interface (WUI) Across the Conterminous U.S. based on the locations of structures. *US Geological Survey*, 2020-2022, \$270,000.
- Sebasky, M., and V. C. Radeloff. 2019. Enhancing the Northeast region wildfire risk assessment: Incorporating small-scale fires and phenomena unique to the Northeast. *US Forest Service*, 2019-2021, \$150,000.
- Pidgeon, A. M., N. Politi, L. Rivera, S. Martinuzzi, and V. C. Radeloff. 2018. Modeling endangered species' forest habitats, and updating forest land use plans in Argentina in support of the UN Sustainable Development Goals. *NASA UN-Sustainable Development Goals*, 2018-2022, \$714,375.
- Radeloff, V. C., P. Hostert, P. Griffiths, and H. Yin. 2018. Monitoring the dynamics of abandoned agriculture, fallow fields and grasslands with harmonized Landsat and Sentinel-2 data. *NASA LCLUC-MUSLI Program*, 2018-2022, \$647,487.
- Radeloff, V. C., V. Butsic, M. D. Nita, H. Yin, G. Ghambashidze, H. Sayadyan, N. Elizbarashvili, R. Mammadov, and T. Kuemmerle. 2018. Long-term land degradation in the Caucasus. *NASA LCLUC Program*, 2018-2022, \$874,000.
- Radeloff, V. C., and S. I. Mockrin. 2018. Fine-scale housing and population projections under different SSP scenarios. *USFS Regional Assessment and Planning*, 2018-2020, \$85,000.
- Zuckerberg, B. V. C. Radeloff, J. Pauli, D. Fink, and S. Carter. 2018. Applying Sustainable Development Goals to the conservation of winter environments and cold-adapted species in a warming world. *NASA UN-Sustainable Development Goals*, 2018-2022, \$735,899.
- Radeloff, V. C., A. M. Pidgeon, and P. Hostert. 2017. Landsat data for biodiversity science and conservation. *USGS Landsat Science Team*, 2018-2023, \$1,241,731.

- Zuckerberg, B. Z., V.C. Radeloff, A.M. Pidgeon, D. Bonter. 2016. Trophic Cascades in urban environments: Tracking the ecological consequences of returning avian predators using citizen science and remote sensing. *NASA Citizen Science for Earth Systems Program*, 2017-2018, \$172,270.
- Radeloff, V. C., S. Gehlbach, B. Tan, E. Bragina, R. Wolfe, M. Baumann, M. Dubinin, H. Sayadan, and T. Kuemmerle. 2015. Land use change in the Caucasus Mountains and the role of ethnic differences, national policies, and armed conflicts. *NASA Land Cover and Land Use Change Program*, 2015-2019, \$829,000.
- Radeloff, V. C., S. I. Stewart, M. Mockrin, and R. B. Hammer. 2014. Fire risk and fire mitigation zones and the WUI. *U.S. Forest Service Northern Research Station*, 2013-2017, \$109,825.
- Radeloff, V. C., S. Martinuzzi, and W. Gould. 2014. Geospatial technologies for sustainable landscapes in the Caribbean. *U.S. Forest Service International Institute of Tropical Forestry*, 2014-2015, \$29,736.
- Radeloff, V. C., N. Coops, A. M. Pidgeon, T. Brooks, M. Clayton, C. Graham, A. Ives, T. Kuemmerle, and C. Rondinini. 2014. Developing and testing the Dynamic Habitat Index from Terra and Aqua MODIS data for biodiversity and conservation science. *NASA Science of Terra and Aqua*, 2014-2019, \$695,000.
- Mockrin, M., S. I. Stewart, and V. C. Radeloff. 2014. Trial by fire: community adaptation and rebuilding after catastrophic wildfire. *Joint Fire Science Program*, 2014-2018, \$334,866.
- Radeloff, V. C., M. Ozdogan, and A. M. Pidgeon. 2013. Using satellite data to map tree species in Wisconsin's forests. *USDA-CREES McIntire Stennis Program*, 2013-2017, \$168,844.
- Radeloff, V. C., S. I. Stewart, M. Mockrin, and R. B. Hammer. 2013. The Wildland-Urban Interface: A Review of the Science and Management of the Wildland-Urban Interface. *U.S. Forest Service Northern Research Station*, 2013-2017, \$194,707.
- Radeloff, V. C., S. Martinuzzi, O. Ramos, and A. E. Lugo. 2013. High spatial resolution mapping of the San Juan Metropolitan Area. *U.S. Forest Service International Institute of Tropical Forestry*, 2014-2016, \$38,405.
- Stewart, S. I., Mockrin, M., and V. C. Radeloff. 2013. Interface through three decades (1990-2010) of housing market turbulence. *U.S. Forest Service Northern Research Station*, 2013-2017, \$194,707.
- Ives, A. R., J. P. Harmon, K. M. Oliver, and V. C. Radeloff. 2012. The role of taxonomic, functional, genetic, and landscape diversity in food web responses to a changing environment. *NSF-DEB Dimensions of Biodiversity Program*, 2012-2018, \$1,980,000 (\$1,000,000 for UW-Madison).
- Radeloff, V. C., P. Potapov, C. E. Woodcock, T. Kuemmerle, J. Alix-Garcia, S. Gehlbach, M. Ozdogan, and A. M. Pidgeon. 2012. Synthesis of studies on institutional change and LCLUC effects on carbon, biodiversity, and agriculture after the collapse of the Soviet Union. *NASA Land Cover and Land Use Change Program*, 2012-2015, \$1,200,000.
- Brooks, T., G. C. Costa, B. Young, S. B. Hedges, C. Graham, and V. C. Radeloff. 2011. Integrating genetic, taxonomic, and functional diversity of tetrapods across the Americas and through extinction risk. *NSF-DEB Dimensions of Biodiversity Program*, 2011-2016, \$1,998,014 (\$97,581 for UW-Madison).
- Heglund, P., A. M. Pidgeon, R. Akcakaya, W. Thogmartin, T. P. Albright, S. V. Vavrus, C. H. Flather, and V. C. Radeloff. 2011. The effects of extreme climate events on avian demographics: the role of habitat refugia in mitigating climate change. *NASA NRA Climate*

- and Biological Response: Research and Applications*, 2011-2016, \$1.6 million (\$1.1 million for UW Madison).
- Radeloff, V. C., Konkoly-Gyuro, E., Kuemmerle, T., Kozak, J., Mueller, D., Gimmi, U., and Hostert, P. 2011. 200 years of land use and land cover changes and their driving forces in the Carpathian basin in Central Europe. *NASA Land Cover and Land Use Change Program*, 2011-2016, \$594,000.
- Radeloff, V. C., M. Mockrin, S. I. Stewart, and R. B. Hammer. 2011. Housing development and rebuilding after wildfire. *U.S. Forest Service Rocky Mountain Research Station*, 2011-2016. \$81,900.
- Radeloff, V. C., A. M. Pidgeon, E. Bragina, L. Baskin, M. Dubinin, T. Kuemmerle, and P. Hostert. 2012. Travel support for Russian conservation biologists to visit the University of Wisconsin-Madison for collaborative research. *Trust for Mutual Understanding*, 2012-2013, \$25,000.
- Alix-Garcia, J., E. Shapiro, K. Sims, and V. C. Radeloff. 2010. Collaborative project: Spillovers in incentive-based conservation programs. *National Science Foundation*, 2011-2014, \$342,061.
- Flather, C. H., S. I. Stewart, A. M. Pidgeon, and V. C. Radeloff. 2010. Biodiversity at the boundary: the response of birds to land use change in and near National Forests and other protected areas across the conterminous United States. *U.S. Forest Service Rocky Mountain Research Station*, 2010-2012, \$254,283.
- Radeloff, V. C., and V. V. Elsakov. 2010. Climate change effects, on vegetation, wildlife, and thermokarst erosion in the Russian Arctic. *Joint program of the Civilian Research & Development Foundation and the Russian Foundation for Basic Research*, 2010-2012, \$95,303.
- Alix-Garcia, J., E. Shapiro, K. Sims, and V. C. Radeloff. 2009. Environmental and socioeconomic impacts of Mexico's payments for ecosystem services program. *International Initiative for Impact Evaluation (3ie)*, 2010-2013, \$466,054.
- Radeloff, V. C., A. M. Pidgeon, D. J. Mladenoff, and M. K. Clayton. 2009. Conservation planning for three of Wisconsin's most treasured landscapes. *USDA-CREES McIntire Stennis Program*, 2010-2013, \$113,500.
- Radeloff, V. C., A. Pidgeon, L. Baskin, T. Kuemmerle, C. Woodcock, D. Mueller, and P. Hostert. 2009. Land use change, protected areas, and biodiversity in the Caucasus and Ural Mountains. *NASA Land Use and Land Cover Change Program*, 2009-2012, \$350,000.
- Thogmartin, W. E., P. J. Heglund, V. C. Radeloff, A. M. Pidgeon, and C. Williams. 2009. Strategic habitat conservation in the face of land use and climate change: bridging the research-implementation gap and accounting for interactions of conservation threats. *USGS-SSP*, 2010-2012, \$145,000.
- Hammer, R. B., S. I. Stewart, and V. C. Radeloff. 2008. Refining the WUI map. *U.S. Forest Service Northern Research Station*, 2008-2013, \$147,000.
- Radeloff, V. C. 2008. Modeling fire risk and fuel treatments in and near the WUI. *U.S. Forest Service Northern Research Station*, 2008-2013, \$192,363.
- Hammer, R. B., S. I. Stewart, and V. C. Radeloff. 2008. Assessing the impact of smoke from wildland fire on human populations. *U.S. Forest Service Northern Research Station*, 2008-2012, \$48,000.

- Ozdogan, M., V. C. Radeloff, D. Lewis, C. Woodcock, D. Aksenov, and A. Maslov. 2008. Land-use and land-cover changes in temperate forests of European Russia: the past, the present, and the future. *NASA Land Use and Land Cover Change Program*, 2008-2011, \$660,000.
- Polasky, S., P. Kareiva, J. Lawler, D. E. Lewis, E. Lonsdorf, A. Plantinga, V. C. Radeloff, and D. White. 2008. Integrated dynamic modeling of ecosystem services – Incentive-based policies, land-use decisions, and ecological outcomes. *NSF Coupled Human-Natural Systems Program*, 2008 – 2012, \$1,100,000, (\$486,000 for UW-Madison).
- Provencher, W., D. E. Lewis, and V. C. Radeloff. 2008. Economic Spatial-Dynamic Model of Great Lakes Coastal Development. *Sea Grant Program*, 2008-2011, \$349,373
- Lewis, D. E., and V. C. Radeloff. 2007. Shoreline development policies, land conversion, and forest fragmentation in Northern Wisconsin. *USDA-CREES McIntire Stennis Program*, 2007-2010, \$72,000.
- Pidgeon, A. M., V. C. Radeloff, C. H. Flather, J. G. Masek, R. B. Hammer, M. K. Clayton, and S. I. Stewart. 2007. Effects of fire, extreme weather, and anthropogenic disturbance on avian biodiversity in the United States. *NASA Interdisciplinary Sciences Program*, 2007-2011, \$628,000.
- Pidgeon, A. M., V. C. Radeloff, and D. J. Mladenoff. 2007. Landscape-scale planning for wildlife species and habitats of greatest conservation need. *Wisconsin Department of Natural Resources*, 2007-2009, \$120,000.
- Radeloff, V. C. 2007. Fire in the WUI: Human versus lightning ignition sources. *U.S. Forest Service Northern Research Station*, 2007-2012, \$99,830.
- Radeloff, V. C., and A. M. Pidgeon. 2007. Airborne Lidar based inventories of timber and avian biodiversity in Wisconsin's forests. *UW-Madison McIntire Stennis Program*, 2007-2009, \$48,000.
- Pidgeon, A. M., and V. C. Radeloff. 2006. Housing growth effects on breeding success of forest birds, and on nest predator communities in the Baraboo Hills, Wisconsin. *Wisconsin Department of Natural Resources State Wildlife Grant*, 2006-2007, \$41,798.
- Radeloff, V. C., A. M. Pidgeon, C. H. Flather, and T. Loveland. 2006. Remote Sensing and avian biodiversity patterns in the United States. *NASA Terrestrial Ecology and Biodiversity Program*, 2006-2009, \$210,000.
- Radeloff, V. C. 2006. Understanding the relationship between housing growth and exotic plant invasions. *U.S. Forest Service North Central Research Station*, 2006-2011, \$60,000.
- Radeloff, V. C., A. M. Pidgeon, T. J. Hawbaker, A. A. Lesak, E. Tromborg, and K. M. Contrucci. 2006. Airborne Lidar based forest inventory of Wisconsin forests. *Wisconsin Department of Natural Resources*, 2006-2007, \$36,432.
- Hammer, R. B. and V. C. Radeloff. 2005. Development of landscape fire mitigation strategies in response to increasing human development. *U.S. Forest Service North Central Research Station*, 2005-2010, \$29,991.
- Pidgeon, A. M., and V. C. Radeloff. 2005. Development of an advanced monitoring strategy for migratory birds on military lands. *Department of Defense Strategic Environmental Research & Development Program*, 2005-2010, \$696,845.
- Radeloff, V. C., and R. B. Hammer. 2005. WUI change: Exploring the roles of housing growth in and around National Forests, and historic landcover change. *U.S. Forest Service North Central Research Station*, 2005-2010, \$419,068.

- Radeloff, V. C. 2005. Land cover and land use change from 1940 to 2000 in and around two National Park Service holdings: Indiana Dune and Pictured Rocks. *National Park Service*, 2005-2010, \$95,000.
- Radeloff, V. C., and R. B. Hammer. 2004. Analyzing the WUI in the U.S., 1940-2030: Southern states change analysis and WUI relationship to fire regime condition. *U.S. Forest Service North Central Research Station*, 2004-2009, \$128,329.
- Radeloff, V. C., and R. B. Hammer. 2004. Assessing WUI fire risk using MODIS satellite fire data. *U.S. Forest Service North Central Research Station*, 2004-2009, \$107,551.
- Radeloff, V. C., and R. B. Hammer. 2004. Sharing WUI maps, statistics and data via the Internet. *U.S. Forest Service North Central Research Station*, 2004-2009, \$137,990.
- Radeloff, V. C. 2004. Post-USSR land cover change in Eastern Europe – socioeconomic forcings, effects on biodiversity, and future scenarios. *NASA Land Use and Land Cover Change Program and NASA New Investigator Program*, 2004-2009, \$298,858.
- Radeloff, V. C., and A. M. Pidgeon. 2004. Sprawl in Wisconsin's forested regions and its effects of forest bird populations. *USDA-CREES McIntire Stennis Program*, 2004-2007, \$90,966.
- Hammer, R. B., and V. C. Radeloff. 2003. Social characteristics and change in WUI communities across the US, 1990-2000. *U.S. Forest Service North Central Research Station*, 2003-2008, \$117,227.
- Pidgeon, A. M., V. C. Radeloff, and R. B. Hammer. 2003. Analysis of housing change from 1970-2000 and relative species richness of forest birds as indicators of biodiversity. *U.S. Forest Service Rocky Mountain Research Station*, 2003-2007, \$75,000.
- Radeloff, V. C., and R. B. Hammer. 2003. Analyzing temporal and spatial dynamics of the WUI from 1940-2030 in the western US. *U.S. Forest Service North Central Research Station*, 2003-2008, \$124,293.
- Radeloff, V. C., and R. B. Hammer. 2003. Mapping the 1990 WUI and 1990-2000 WUI change at the census block level across the United States. *U.S. Forest Service North Central Research Station*, 2003-2008, \$158,623.
- Raffa, K. F., J. Reeve, B. Aukema, M. Clayton, E. Nordheim, V. C. Radeloff, and D. Young. 2003. Interactions of below- and above-ground herbivory in forest gap formation: long-term analysis of underlying mechanisms and spatio-temporal patterns. *NSF-Long Term Ecological Research Program*, 2003-2006, \$300,000.
- Mladenoff, D. J., and V. C. Radeloff. 2002. Forest visualization in the Northern Lake States forests at the stand and the landscape level. *U.S. Forest Service North Central Research Station*, 2002-2003, \$15,500.
- Radeloff, V. C., and R. B. Hammer. 2002. Land cover and the wildland urban interface across the US. *U.S. Forest Service North Central Research Station*, 2002-2007, \$200,517.
- Hammer, R. B., and V. C. Radeloff. 2002. Housing density and the wildland urban interface across the US. *U.S. Forest Service North Central Research Station*, 2002-2007, \$200,073.
- Hammer, R. B., and V. C. Radeloff. 2001. The Changing Location and Extent of the Wildland-Urban Interface during the 1990s - Implications for Fire Management in California, Oregon, and Washington. *U.S. Forest Service Pacific Northwest Research Station*, 2001-2006, \$126,939.

- Radeloff, V. C., and R. B. Hammer. 2001. Forest fragmentation due to housing change in the Northwoods - spatial pattern of housing units through time. *U.S. Forest Service North Central Research Station*, 2001-2006, \$95,988.
- Radeloff, V. C., and R. B. Hammer. 2001. Effects of housing change on forest productivity in the Lake States (MN, WI, and MI). *U.S. Forest Service North Central Research Station*, 2001-2006, \$89,488.
- Radeloff, V. C., and R. B. Hammer. 2001. Linking NRCS Hotspots Analysis and the Northern Global Climate Change Program. *U.S. Forest Service North Central Research Station*, 2001-2006, \$80,000.
- Radeloff, V. C. 2001. Landcover change and society – Wildlife habitat mapping in post-communist Eastern Europe. *UW-Madison Graduate School*, 2002-2003, \$16,350.
- Radeloff, V. C. 2001. Landscape fragmentation due to changes in road density in northwestern Wisconsin 1938-92. *USDA-CREES McIntire Stennis Program*, 2001-2003, \$58,387.
- Voss, P. R., R. B. Hammer, V. C. Radeloff, and D.R. Field. 2000. Midwestern landscapes in transition – Identification of past and future residential and demographic change hotspots across the North Central Region. *U.S. Forest Service North Central Research Station*, 2000-2005, \$109,840.
- Voss, P. R., R. B. Hammer, V. C. Radeloff, and D. R. Field. 2000. Demographic Characteristics and Population and Housing Unit Projections in the North Central Region. *U.S. Forest Service North Central Research Station*, 2000-2005, \$44,950.
- Radeloff, V. C. and D. J. Mladenoff. 1998. Simulating the effects of forest management and natural disturbances on landscape pattern of the NW-Wisconsin Pine Barrens. *Wisconsin Department of Natural Resources* and *U.S. Forest Service North Central Research Station*, 1998-2000, \$80,000.
- Mladenoff, D. J., H. S. He, and V. C. Radeloff. 1998 and 2000. Forest visualization at multiple scales for management and planning. *Wisconsin Department of Natural Resources*, 1998-2002, \$240,000.

TRAINING GRANTS

- Radeloff, V. C., C. Gratton, A. R. Ives, S. B. Millar, and A. Rissmann, plus 15 affiliate faculty. 2012. Novel ecosystems, rapid change, and no-analog conditions: the future of biodiversity conservation in human-dominated landscapes. *NSF-IGERT Program*, 2012-2018, \$3 million.
- Posner, J. et al.; V. C. Radeloff one of 18 faculty participants. 2006. Training program on biodiversity conservation and sustainable development in Yunnan. *NSF IGERT Program*, 2006-2011, \$3.1 million.

SPONSORED FELLOWSHIPS

- Stephens, C. 2023. Agricultural abandonment across the Eurasian steppe: effect on fires, vegetation succession and habitat quality for rare waterfowl species. *NASA Future Investigators in NASA Earth and Space Science and Technology*. 2021-2024, \$105,000.
- Rogova, N. 2021. Agricultural abandonment across the Eurasian steppe: effect on fires, vegetation succession and habitat quality for rare waterfowl species. *NASA Future Investigators in NASA Earth and Space Science and Technology*. 2021-2024, \$105,000.

- Alexandre, P. M. 2014. Housing loss due to wildfires in the United States' Wildland Urban Interface. *Fundaçã Para a Ciênci e a Tecnologia, Portugal*. 2014-2015, €21,270.
- Munteanu, C. 2014. Long-term forest dynamics in mountain regions – accounting for topography, land use history and management regimes to identify high conservation-value ecosystems. *NASA Earth and Space Science Fellowship*. 2014-2017, \$90,000.
- Ramirez Reyes, C. D. 2012. Monitoring deforestation to evaluate Mexico's payments for ecosystem services program and assess land use change effects on jaguar habitat. *NASA Earth and Space Science Fellowship*. 2012-2015, \$90,000.
- Brandt, J. S. 2009. Land Use and Land Cover Change in Southwest China's Himalayan Mountains and the implications for alpine meadows, forest ecosystems, and avian biodiversity. *NASA Earth and Space Science Fellowship*. 2009-2012, \$90,000.
- Culbert, P. D. 2009. Image texture and lidar measurements of horizontal and vertical vegetation structure as predictors of bird biodiversity. *NASA Earth and Space Science Fellowship*. 2009-2012, \$90,000.
- Dubin, M. Y. 2007. Effects of land use change on fire, vegetation and wildlife dynamics in arid grasslands of southern Russia. *NASA Earth and Space Science Fellowship*. 2007-2011, \$90,000.
- Gimmi, U. 2007. Land cover and land use change in and around two National Park Service holdings: Indiana Dunes National Lakeshore and Pictured Rocks National Lakeshore. *Swiss National Science Foundation Postdoctoral Fellowship*. 2007-2008.
- Kuemmerle, T. 2007. Land use effects on habitat suitability and metapopulation dynamics of the European bison. *Alexander von Humboldt Foundation Postdoctoral Fellowship*. 2008-2010.
- Olson, A. 2005. Avian community response to long-term forest change in southern Wisconsin. *NSF Graduate Research Fellowship*. 2005-2008.
- Lepczyk, C. A. 2003. Effects of urbanization on avian populations of the Northeast US – evaluating spatiotemporal dynamics and simulating future trends. *NSF Postdoctoral Fellowship in Bioinformatics*. 2003-2005.

CONFERENCE PRESENTATIONS

2023

- ★ Anand, A., V. C. Radeloff, A. M. Pidgeon, R. Buron, E. Razenkova, and J. Timmer. 2023. Implementation of explainable AI to map hierarchical habitat selection in birds. *International Geoscience and Remote Sensing Symposium, July 16-21, Pasadena, California*.
- ★ Carroll, K. A., A. M. Pidgeon, P. R. Elsen, and V. C. Radeloff. 2023. Diversity metric selection and their applications for spatial conservation planning. *Ecological Society of America Annual Meeting, August 6-11, Portland*.
- Radeloff, V. C., F. Schug, L. Duanyang, A. R. Ives, E. M.O. Silveira, and A. M. Pidgeon. 2023. Spatial conflicts between global biodiversity and the wildland urban interface. *American Geophysical Union Fall Meeting, December 11-15, 2023, San Francisco*.
- ★ Rogova, N., and V. C. Radeloff. 2023. Human activity versus fuel accumulation as drivers of fire regime shift after agricultural abandonment in Kazakhstan. *American Geophysical Union Fall Meeting, December 11-15, 2023, San Francisco*.
- ★ Rogova, N., N. Petkov, S. Rozenfeld, D. Vangeluwe, I. Zuban, M. Kozybaev, A. M. Pidgeon, and V. C. Radeloff. 2023. Modeling migratory bird distributions based on spatial-temporal changes along migration routes. *American Geophysical Union Fall Meeting, December 11-15, 2023, San Francisco*.

- ★Stephens, C., A. R. Ives, and V. C. Radeloff. 2023. Long-term trends in burned area and weather in boreal forests of Canada, Alaska, and Russia. *The 10th International Fire Ecology and Management Congress. December 4-8, 2023, Monterey.*
- Xu, J., L. S. Farwell, V. C. Radeloff, M. Songer and Q. Huang. 2023. Assessment of avian species diversity across North America utilizing Global Ecosystem Dynamics Investigation (GEDI) data. *American Geophysical Union Fall Meeting. December 11-15, 2023, San Francisco.*

2022

- ★Carlson, A. R., V. C. Radeloff, D. P. Helmers, M. H. Mockrin, T. J. Hawbaker, and A. M. Pidgeon. 2022. The impact of buildings in wildlands of the United States: Limiting development on private lands in National Forests has high conservation value. *American Association of Geographers Annual Meeting. February 25 – March 1 2022, virtual.*
- ★Carroll, K. A., A. M. Pidgeon, and V. C. Radeloff. 2022. Mapping multi-scale species distributions across the United States and determining their utility for conservation applications. *Ecological Society of America Annual Meeting. August 14-19, Montreal.*
- ★Cox, H., F. Schug, and V. Radeloff. 2022. Hotspots of the Wildland-Urban Interface in Africa. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- ★Duanyang, L., E. Silveira, E. Rzenkova, and V. Radeloff. 2022. Global Dynamic Habitat Indices from Terra, Aqua and Suomi NPP and JPSS data. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- Fastovich, D., D. Helmers, V. Radeloff, B. Zuckerberg, and J. Williams. 2022. Detecting legacies of millennial scale climate oscillations on modern biodiversity: lessons from a proxy-model comparison. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- Huang, Q., J. Xu, J. Wong, V. Radeloff, and M. Songer. 2022. Protecting the giants of the planet – Prioritizing global tall forests towards the 30-by-30 Goals. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- Keyser, S. D. Fink, D. Gudex-Cross, V. Radeloff, and B. Zuckerberg. 2022. Efficacy of current protected areas in the US for conserving winter bird diversity. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- ★Lather, E., K. Carroll, A. Carlson, D. Helmers, M. Mockrin, V. Radeloff, and A. Pidgeon. 2022. Conservation conflict between breeding bird richness and housing disturbance in the conterminous United States: A Multiscale Assessment. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- ★Nasanbat, E., K. E. Lewinska, K. Pfoch, B. Batsaikhan, U. Mandakh, O. Lkhamjav, and V. Radeloff. 2022. Mapping arid and semi-arid grassland conditions in Mongolia based on the spectral mixture analysis of 2021 Landsat data. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- Nita, M., V. Radeloff, and E. Silveira. 2022. Nationwide native forest structure maps for Romania based on field 3D laser scanning and remotely sensed metrics. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- ★Petrunenko, I., E. Bragina, A. Ives, L. Baskin, E. Rzenkova, and V. Radeloff. 2022. Climate and socioeconomic influences on mammal populations in Russia after the collapse of the USSR. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- ★Pfoch, K., F. Schug, and V. Radeloff. 2022. Mapping the Wildland-Urban Interface in Mediterranean ecoregions with a spectral mixture analysis of Landsat imagery. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- ★Rzenkova, E., L. Farwell, P. Elsen, K. Carroll, A. Pidgeon, and V. Radeloff. 2022. Explaining bird richness with the Dynamic Habitat Indices across the conterminous US. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*

- ★ Rogova, N., D. Vangeluw, S. Rozenfeld, A. M. Pidgeon, and V. C. Radeloff. 2022. Assessment of Bewick's Swan (*Cygnus columbianus bewickii*) distribution in Eurasian steppe during their spring migration. *The 7th International Swan Symposium & 26th Trumpeter Swan Society Swan Conference, October 24-27, 2022, Jackson, Wyoming.*
- ★ Rogova, N., H. Yin, and V. Radeloff. 2022. Cropland abandonment and recultivation in North Kazakhstan in relation to soils and potential for biodiversity restoration. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- ★ Schug, F., A. Bar-Massada, A. Carlson, H. Cox, T. Hawbaker, D. Helmers, P. Hostert, D. Kaim, N. Kasraee, K. Lewinska, S. Martinuzzi, M. Mockrin, J. Pereira, K. Pfoch, O. Price, and V. Radeloff. 2022. Mapping and quantifying the Global Wildland Urban Interface. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- ★ Stephens, C., V. Radeloff, and A. Ives. 2022. Long-term trends in burned area and fire seasonality in the circumboreal region. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*
- Xu, J., K. Coleman, V. Radeloff, M. Songer, and Q. Huang. 2022. Modeling worldwide tree biodiversity using canopy structure metrics from Global Ecosystem Dynamics Investigation (GEDI) data. *American Geophysical Union Fall Meeting. December 12-16, 2022, Chicago.*

2021

- ★ Carlson, A. R., T. J. Hawbaker, and V. C. Radeloff. 2021. Spatial and climatic drivers of wildfire trends in the eastern U.S. *Annual Meeting of the Ecological Society of America, August 3-6, 2021.*
- ★ Carroll, K. A., L. S. Farwell, A. M. Pidgeon, E. Razenkova, D. Gudex-Cross, D. P. Helmers, K. E. Lewińska P. E. Elsen, and V.C. Radeloff. 2021. Mapping bird biodiversity at management-relevant resolutions across the United States. *International Congress for Conservation Biology Virtual Conference. December 13-17, 2021, Virtual Conference.*
- ★ Carroll, K. A., L. S. Farwell, A. M. Pidgeon, E. Razenkova, D. Gudex-Cross, D. P. Helmers, K. E. Lewińska P. E. Elsen, and V.C. Radeloff. 2021. Mapping multiscale bird species richness across the United States. *American Geophysical Union 2021 Fall Meeting. December 13-17, 2021, Virtual Conference.*
- ★ Lewińska K. E., J. Buchner, B. Bleyhl, P. Hostert, H. Yin, T. Kuemmerle, and V. C. Radeloff. 2021. Changes in the grasslands of the Caucasus based on Cumulative Endmember Fractions from the fill Landsat record, *Geo For Good 2021, 16-19 November 2021, Virtual Conference.*
- ★ Martinuzzi, S., A. M. Olah, N. Politi, L. O. Rivera, E. Silveira, L. Lizarraga, Y. M. Rosas, G. J. Martinez Pastur, V. C. Radeloff, and A. M. Pidgeon. 2021. Conservation prioritization of native forests in Argentina using species distributions and human footprint data. *American Geophysical Union 2021 Fall Meeting. December 13-17, 2021, Virtual Conference.*
- ★ Silveira, E.M.O., V. C. Radeloff, S. Martinuzzi, G. Martinez-Pastur, N. Politi, L. Lizarraga, L. Rivera, Y. M. Rosas, A. Olah, and A. M. Pidgeon. 2021. Detailed mapping of forest structure across Argentina using Sentinel-1 and Sentinel-2 data. *American Geophysical Union 2021 Fall Meeting. December 13-17, 2021, Virtual Conference.*
- Radeloff, V. C., E. M. O. Silveira, L. S. Farwell, E. Razenkova, E., and A. M. Pidgeon. 2021. Optimal image resolution to predict richness differs by bird species guild. *American Geophysical Union 2021 Fall Meeting. December 13-17, 2021, Virtual Conference.*
- Yin, H., P. Griffith, P. Hostert, and V. C. Radeloff. 2021. Mapping grassland use from Landsat and Sentinel-2 time series. *Annual Meeting of the Association of American Geographers, April 7-11 2021, Virtual Conference.*

2020

- Carlson, A. R., D. P. Helmers, T. J. Hawbaker, M. H. Mockrin, and V. C. Radeloff. 2020. Mapping the Wildland-Urban Interface in the United States Using Building Point Locations. *Annual Meeting of the American Geophysical Union, Dec. 1-17, 2020, Virtual Conference.*
- Carlson, A. R., M. Sebasky, M.P. Peters, and V. C. Radeloff. 2020. Mapping Small Wildfire Hazard in the Northeast US. *Annual Meeting of the Ecological Society of America, August 3-6, 2020, Virtual Conference.*
- Farwell, L. S., D. Gudex-Cross, I. E. Anise, M. J. Bosch, A. M. Olah, E. M. O. Silveira, E. Razenkova, N. Rogova, M. M. Smith, V. C. Radeloff, and A. M. Pidgeon. 2020. Satellite image textures capture multiple features of vegetation heterogeneity important for predicting patterns of bird richness. *The Wildlife Society Conference, Sep 27 - Oct 1, Virtual Conference.*
- Gudex-Cross, D., L. Zhu, B. Zuckerberg, J. Pauli, and V. C. Radeloff. 2020. Global Winter Habitat Indices (WHIs) for terrestrial biodiversity assessments. *Annual meeting of the American Geophysical Union, December 1-17, 2020, Virtual Conference.*
- Gudex-Cross, D., S. R. Keyser, B. Zuckerberg, D. Fink, and V. C. Radeloff. 2020. Winter Habitat Indices (WHIs) for the contiguous US and their relationship with winter bird diversity. *Annual Meeting of the Ecological Society of America, August 3-6, 2020, Virtual Conference.*
- Ives, A. R., L. Zhu, F. Wang, J. Zhu, and V. C. Radeloff. 2020. Statistical inference for spatiotemporal trends in remote-sensing data. *Annual Meeting of the American Geophysical Union, Dec. 1-17, 2020, Virtual Conference.*
- Lewińska K. E., A.R. Ives, C. J. Morrow, N. Rogova, and V. C. Radeloff. 2020. Monitoring trends in grasslands in Central Asia while accounting for temporal and spatial autocorrelation. *Annual meeting of the American Geophysical Union, December 1-17, 2020, Virtual Conference.*
- Silveira, E. M. O, V. C. Radeloff, S. Martinuzzi, G. Martinez Pastur, L. O. Rivera, N. Politi, L. Lizarraga, L. S., Farwell, L.S., P. R. Elsen, and A. M. Pidgeon. 2020. Vegetation greenness and thermal heterogeneity as proxies of climate change resilience in Argentina. *North American Congress for Conservation Biology, July 27-31, Virtual Conference.*
- Silveira, E. M. O, V. C. Radeloff, G. Martinez Pastur, S. Martinuzzi, Y. M. Rosas, H. Yin, L. Lizarraga, N. Politi, L. O. Rivera, A. M. Olah, G. Gavier, and A. M. Pidgeon. 2020. Land surface phenology and climate identify forests of different functional characteristics in Southern Patagonian, Argentina. *Annual meeting of the American Geophysical Union, December 1-17, Virtual Conference.*

2019

- Buchner, J., H. Yin, D. Frantz, B. Bleyhl, T. Kuemmerle, T. Bakuradze, A. Komarova, A. Rizayeva, H. Sayadyan, G. Tepanosyan, and V. C. Radeloff. 2019. Large-area land-cover and land-use change mapping in the Caucasus Mountains using topographically corrected multi-temporal Landsat composites. *Annual Meeting of the Association of American Geographer, April 6-10, 2019, Washington, DC.*
- Elsen, P., L. S. Farwell, A. M. Pidgeon, and V. C. Radeloff. 2019. Landsat TIRS-derived relative temperature and thermal heterogeneity predict winter bird species richness patterns across the conterminous US. *Annual Meeting of the Ecological Society of America, August 11-16, 2019, Louisville, Kentucky.*
- Farwell, L., P. Elsen, L. Razenkova, A. M. Pidgeon, and V. C. Radeloff. 2019. Using satellite image texture to map habitat heterogeneity and predict avian biodiversity across the conterminous U.S. *Annual Meeting of US-International Association for Landscape Ecology, April 7-11, 2019, Fort Collins, Colorado.*
- Munteanu, C., M. D. Nita, V. C. Radeloff, G. Gutman, and T. Kuemmerle. 2019. Unlocking the potential of Cold War spy satellite data for land change assessments. *The 4th Open Science Meeting of the Global Land Programme, April 24-26, 2019, Bern, Switzerland.*

- Pidgeon, A. M., N. Politi, S. Martinuzzi, P. Elson, L. Rivera, L.R. Lizarraga, G. Martinez Pastur, and V.C. Radeloff. 2019. Incorporating critical bird habitat and climate resilience in Argentina's forest use plans. *American Ornithological Society, June 24-29, 2019, Anchorage, Alaska.*
- Rendenieks, Z., M. D. Nita, and V. C. Radeloff. 2019. Harnessing the use of declassified historical satellite images in land use change research – case study from Latvia-Russia border area. *The 10th IALE World Congress, July 105, 2019, Milano, Italy.*
- Radeloff, V. C., J. Buchner, K. E. Lewinska, A. Rizayeva, H. Yin, V. Butsic, M. D Nita, G. Ghambashidze, H. Sayadyan, N. Elizbarashvili, R. Mammadov, and T. Kuemmerle. 2019. Land use change and land degradation in the Caucasus. *The International Meeting on the Land Cover/Land Use Changes, Water-Energy-Food Security, and Sustainability in Central Asia and Caucasus, September 16-18, 2019, Astana, Kazakhstan.*
- Ramirez-Reyes, C., K. R. E. Sims, P. Potapov, and V. C. Radeloff. 2019. Forest fragmentation and payment for ecosystem services in Mexico. *The 4th Open Science Meeting of the Global Land Programme, April 24-26, 2019, Bern, Switzerland.*
- Rojas, I. M., A. M. Pidgeon, and V. C. Radeloff. 2019. Restoring riparian forests according to existing regulations could greatly improve habitat connectivity for forest fauna in Chile. *The 10th IALE World Congress, July 105, 2019, Milano, Italy.*

2018

- Alexandre, P. M., A. Bar-Massada, V. C. Radeloff, and J. M. C. Pereira. 2018. Defining and mapping the Wildland Urban Interface in Portugal. *VIII International Conference on Forest Fire Research, November 9-16 2018, Coimbra, Portugal.*
- ★ Yin, H., V. Butsic, M. Baumann, T. Kuemmerle, A. V. Prishchepov, J. Buchner, E. Bragina, and V. C. Radeloff. 2018. Chechen Wars triggered land use change in the North Caucasus. *Annual Meeting of the Association of American Geographers, April 10-14 2018, New Orleans, Louisiana.*
- ★ Yin, H., B. Tan, D. Frantz, and V. C. Radeloff. 2018. Evaluation of topographic correction on forest mapping using Landsat imagery. 2018. *American Geophysical Union Fall Meeting, December 10-14 2018, Washington, D.C.*
- Zuckerberg, B., V. C. Radeloff, A. M. Pidgeon, D. Bonter, J. McCabe, H. Yin, J. Cruz Bernal. 2018. The colonization of an urban environment by a returning avian predator. *North American Congress for Conservation Biology (NACCB), July 21-26 2018, Toronto, Canada.*

2017

- Godoy, M., G. Defossé, S. Martinuzzi, H. A. Kramer, J. Argañaraz, and V. C. Radeloff. 2017. Wildfires and wildland-urban interface in Andean Patagonia, Argentina: first assessment in a rapid growing community. *7th International Fire Ecology and Management Congress, November 28 - December 2 2017, Orlando, Florida.*
- Gorzo, J., A. M. Pidgeon, A. Allstadt, W.Thogmartin, and V. C. Radeloff. 2017. Waterfowl response to weather and land cover in the Prairie Potholes. *Wilson Ornithological Society Annual Meeting 9-12 March 2017. Fort Myers, Florida.L*
- Henschell, M. B. L. Bateman, V. C. Radeloff, A. J. Allstadt, and P. Heglund. 2017. Changes in potential bird communities associated with climate shifts over 50 years. *Annual meeting of the Ecological Society of America, August 6-11 2017, Portland, Oregon.*
- Kramer, H. A., M. Mockrin, P. Alexandre, S. Stewart, and V. C. Radeloff. 2017. Where do building burn in the US from wildfire relative to the wiland urban interface and national fire mitigation programs. *7th International Fire Ecology and Management Congress, November 28 - December 2 2017, Orlando, Florida.*
- Kramer, H. A., V. Butsic, M. Mockrin, C. Ramirez-Reyes, P. Alexandre, and V. C. Radeloff. 2017. Rebuilding and new construction trends after California wildfires. *Annual Meeting of the American Association of Geographers, April 5-9 2017, Boston, Massachusetts.*

A ★ indicates senior authorship by a student or postdoc who I (co-)supervised, a ‡ an international visitor to the SILVIS lab

- Kramer, H. A., M. Mockrin, and V. C. Radeloff. 2017. How exceptional was the Tubbs fire. *7th International Fire Ecology and Management Congress, November 28 - December 2 2017, Orlando, Florida.*
- McCabe, J. D., H. Yin, J. Cruz, V. C. Radeloff, A. M. Pidgeon, D. N. Bonter and B. Zuckerberg. 2017. Integrating remote sensing and citizen science to study the environmental context and ecological consequences of returning avian predators. *American Geophysical Union 11-15 December, New Orleans LA.*
- McCabe, J. D., H. Yin, J. Cruz, V. C. Radeloff, A. M. Pidgeon, D. N. Bonter and B. Zuckerberg. 2017. The recent colonization of North American urban landscapes by accipiter hawks. *24th Annual Conference of the Wildlife Society, Albuquerque, NM.*
- McCabe, J. D., J. Cruz, V. C. Radeloff, A. M. Pidgeon, D. N. Bonter and B. Zuckerberg. 2017. The recent colonization of urban habitats by a forest bird. *American Ornithological Society, East Lansing, MI.*
- Rendenieks, Z. M. D. Nita, and V. C. Radeloff. 2017. Fifty years of forest cover dynamics in Latvia: New findings from declassified CORONA spy satellite imagery. *Annual meeting of the Ecological Society of America, August 6-11 2017, Portland, Oregon.*
- Rivera, L., N. Politi, S. Martinuzzi, L. Lizarraga, S. Chalukian, S. de Bustos, E. Ruiz do los Llanos, B. Bateman, V. C. Radeloff, and A. M. Pidgeon. 2017. Identification of priority areas for conservation of endangered species in the Southern Yungas of Salta and Jujuy. *5th National Congress of Biodiversity Conservation. 19-22 September 2017, Rio Negro, Argentina.*
- Rivera, L., S. Martinuzzi, N. Politi, L. Lizarraga, A. M. Pidgeon, V. Radeloff. 2017. Application of analysis of the human footprint to the management and territorial planning in the Southern Yungas. *5th National Congress of Biodiversity Conservation. 19-22 September 2017, Rio Negro, Argentina.*
- Rojas, I. M., S. Martinuzzi, A. M. Pidgeon, and V. C. Radeloff. 2017. Contribution of riparian forest to structural connectivity of the forest in Chile. *Chilean Ornithological Congress, 23 November 2017, Santa Cruz, Chile.*
- Turlej, K., and V. C. Radeloff. 2017. Mapping forest tree species over large areas with partially cloudy Landsat Imagery. *AGU Fall Meeting, December 11-15 2017, New Orleans, Louisiana.*

2016

- Alexandre, P., S. Stewart, N. Keuler, M. Clayton, M. Mockrin, A. Bar Massada, A. Syphard, and V. Radeloff. Building loss in the conterminous U.S. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Allen, A., M. L. Hobi, V. Radeloff, J., Kindberg, G. Ericsson, and N. Singh. Predicting herbivore densities using remote sensing and citizen science. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Allstadt, A., J. Gorzo, B. Bateman, A. Pidgeon, W. Thogmartin, P. Heglund, S. Vavrus, and V. C. Radeloff. Effects of extreme weather on avian populations across the United States. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Barton, B. T., J. Harmon, A. R. Ives, K. Oliver, V. C. Radeloff, and L. Zhu. Landscape diversity, broad-scale disturbance, and the eco-evo dynamics of pea aphids and parasitoids. *101st Annual Meeting of the Ecological Society of America, August 7-12 2016, Fort Lauderdale, Florida.*
- Bateman, B. A. Pidgeon, V. Radeloff, A. Allstadt, C. Flaterh, W. Thogmartin, R. Akcakaya, T. Albright, S. Vavrus, and P. Heglund. Forecasting change in bird distributions in National Wildlife Refuges and National Forests. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Bleyhl, B., M. Baumann, E. Askerov, E. Bragina, A. Gavashelishvili, A. Ghoddousi, I. Khorozyan, K. Manvelyan, V. Radeloff, T. Sipko, S. Trepet, P. Weinberg, N. Zazanashvili, and T. Kuemmerle. Large mammal habitat distribution and connectivity in the Caucasus. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*

- Bragina, E., A. Shchur, A. Pidgeon, V. Radeloff, and A. Sieber. Mapping selective logging and clearcuts in protected forests of Western Siberia using Landsat summer and winter imagery. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Buchner, J., B. Bateman, R. Fynn, V. Radeloff, M. Stellmes, T. Udelhoven, and A. Roeder. Large herbivore movements versus seasonal variation in vegetation in the Okavango ecosystem based on dynamic satellite data. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Burnham, J., M. Baumann, V. Radeloff, A. Pidgeon, J. Barzen, H. Wu, and X. Yang. Black-necked crane habitat selection and land cover change at China's Napahai wetland from 1990-2010. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Carter, S., T. Bergeson, S. Maxted, V. Radeloff, and L. Scott. Patterns of threat from housing development to priority conservation areas in State Wildlife Action Plans across the US. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Castro-Prieto, J., S. Martinuzzi, M. Quinones, V. C. Radeloff, and W. A. Gould. Declining population but increasing housing pressure surrounding natural protected areas in Puerto Rico. *US-IALE Annual Meeting, April 3-7 2016, Asheville, North Carolina.*
- Dubinin, M., N. Suttidate, M. L. Hobi, A. Pidgeon, N. C. Coops, and V. Radeloff. MODIS-based Dynamic Habitat Indices and their relationship with species richness globally. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Gavier Pizarro, G., V. Radeloff, N. Keuler, A. Cerezo-Blandon, and S. Stewart. Legacies of 1930s houses and roads patterns affect contemporary patterns of non-native plant invasions in the Baraboo Hills, Wisconsin, USA. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Gorzo, J., A. Pidgeon, A. Allstadt, W. Thogmartin, S. Vavrus, P. Heglund, and V. Radeloff. Land cover and weather as drivers of avian site fidelity. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Guzman-Colon, D., V. Radeloff, and A. Pidgeon. Modelling the spatial distribution of invasive mongoose in Puerto Rico. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Hamilton, C. M. Baumann, A. Pidgeon, W. Thogmartin, P. Heglund, and V. Radeloff. Past and predicted future effects of housing growth on open space conservation and habitat connectivity around National Wildlife Refuges. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Heglund, P., A. Pidgeon, B. Bateman, V. Radeloff, S. Vavrus, R. Akcakaya, C. Flather, W. Thogmartin, A. Allstadt, T. Albright, S. Martinuzzi, and J. Gorzo. Thinking like mountains: Using environmental change science to protect native biodiversity. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Hobi, M. L., M. Dubinin, A. Pidgeon, N. C. Coops, and V. Radeloff. Remote sensing of biodiversity and conservation: The Dynamic Habitat Indices as predictors of avian species richness. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Hobi, M. L., M. Dubinin, A. Pidgeon, N. C. Coops, and V. Radeloff. Remote sensing of biodiversity and conservation: Predicting bird species richness in the United States using the Dynamic Habitat Index based on MODIS satellite data. *101st Annual Meeting of the Ecological Society of America, August 7-12 2016, Fort Lauderdale, Florida.*
- Martinuzzi, S., A. Allstadt, B. Bateman, P. Heglund, A. Pidgeon, W. Thogmartin, S. Vavrus, and V. C. Radeloff. Future changes in extreme weather across U.S. Wildlife Refuges. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*

- Mockrin, M., V. Radeloff, and S. Stewart. Homes in the woods: How forest land cover changes with housing age. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Munteanu, C., D. Muller, T. Kuemmerle, and V. Radeloff. Land-use legacies from a century ago affect rates of contemporary land change. *3rd Global Land Project Open Science Meeting, October 24-27 2016, Beijing, China.*
- Munteanu, C., A. Pidgeon, and V. Radeloff. Bird conservation responsibility of the Carpathian Mountains. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Pidgeon, A., V. Radeloff, C. Flather, A. M. Venegas Castro, B. Bateman, S. Vavrus, A. Allstadt, J. Gorzo, S. Martinuzzi, and P. Heglund. Evaluating change in bird populations in response to climate change. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Radeloff, V. C., and S. Martinuzzi. Future land use change in the United States. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Ramirez Reyes, C. D. and V. Radeloff. Degradation of diverse forest types in Mexico based on spectral mixture analysis of satellite images. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Razenkova, E., M. Dubinin, M. L. Hobi, E. Bragina, A. Pidgeon, and V. Radeloff. Assessing the Dynamic Habitat Indices as predictors of mammal abundances in Russia. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Rojas, I. M., S. Martinuzzi, A. M. Pidgeon, and V. C. Radeloff. Contribution of riparian forests to structural corridors of Chile. *US-IALE Annual Meeting, April 3-7 2016, Asheville, North Carolina.*
- Stewart, S., D. Helmers, M. Mockrin, and V. Radeloff. The role of housing and vegetation in US Wildland-Urban Interface expansion from 1990-2010. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Suttidate, N., A. Pidgeon, M. Dubinin, P. Round, and V. Radeloff. The effects of habitat heterogeneity, as measured by satellite image texture, on tropical forest bird distributions. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Thogmartin, W., B. Bateman, A. Allstadt, R. Wiederholt, N. Lemoine, V. Barve, V. Radeloff, A. Pidgeon, P. Heglund, J. Diffendorfer, D. Semmens, L. Lopez-Hoffman, E. Howard, and K. Oberhauser. The consequences of climatic extremes on the continental migration of the Monarch Butterfly. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Turlej, K., and V. Radeloff. Mapping forest tree species distributions in Wisconsin. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Venegas Castro, A. M., W. Thogmartin, N. Keuler, V. Radeloff, and A. Pidgeon. Effects of extreme weather events on passerine productivity under different levels of forest fragmentation in the Northeastern United States. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Williams, J. W., K. D. Burke, A. Ordonez, and V. C. Radeloff. Looking at a no-analog past to understand a novel future. *101st Annual Meeting of the Ecological Society of America, August 7-12 2016, Fort Lauderdale, Florida.*
- Yin, H., J. Buchner, B. Bleyhl, E. Bragina, T. Kuemmerle, B. Tan, and V. Radeloff. Long-term forest change in the Caucasus using remote sensing time series. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*
- Yin, H., J. Buchner, B. Bleyhl, E. Bragina, T. Kuemmerle, B. Tan, and V. Radeloff. Land use and land cover change in the Caucasus Mountains after the collapse of the Soviet Union. *3rd Global Land Project Open Science Meeting, October 24-27 2016, Beijing, China.*
- Zhu, L., V. Radeloff and A. Ives. Combining satellite-derived snow cover and Freeze/Thaw data to characterize global patterns of frozen ground with and without snow cover. *3rd North American Congress for Conservation Biology, July 17-20 2016, Madison, Wisconsin.*

2015

- Allendorf, T., V. C. Radeloff and N. Keuler. The role of scale and spatial patterns in people's attitudes and perceptions of protected areas. *27th International Congress for Conservation Biology, August 2-6 2015, Montpellier, France.*
- Bleyhl, B., T. Sipko, E. Bragina, A. Heidelberg, P. Leitao, R. Pshegusov, V. C. Radeloff, P. Weinberg, and T. Kuemmerle. 2015. Potential European Bison habitat in the Caucasus. *The 7th Biennial Conference of the International Biogeographic Society, 8 – 12 January 2015, Bayreuth, Germany.*
- ★ Bragina, E., A. Ives, L. Balciauskas, S. Csanyi, P. Hoetsky, O. Ionescu, K. Kysucka, J. Lieskovsky, J. Ozolins, K. Perzanowski, T. Randveer, P. Stych, A. Volokh, C. Zhelev, E. Ziolkowska, A. Pidgeon, and V. Radeloff. Game population trends after the collapse of socialism in Eastern Europe. *Ecological Society of America Annual Meeting, 9-14 August 2015, Baltimore, Maryland.*
- Kuemmerle, T., L. Baskin, P. J. Leitao, A. V. Prishchepov, K. Thonicke, and V. C. Radeloff. 2015. Potential impacts of oil and gas development and climate change on migratory reindeer calving grounds across the Russian Arctic. *The 7th Biennial Conference of the International Biogeographic Society, 8 – 12 January 2015, Bayreuth, Germany.*
- ★ Gorzo, J., A. Pidgeon, W. Thogmartin, A. Allstadt, and V.C. Radeloff. 2015. Grassland bird response to weather in the Badlands and Prairies of the U.S. *American Ornithologists' Union. 28 July - 2 Aug, Norman, Oklahoma.*
- ★ Munteanu, C. M., T. Kuemmerle, N. Keuler, D. Mueller, P. Balazs, M. Boltiziar, M. Dobosz, P. Griffith, L. Halada, D. Kaim, G. Kiraly, E. Konkoly-Gyuro, J. Kozak, K. Kysucka, J. Lieskovsky, M. Mojses, K. Ostafin, K. Ostapowicz, O. Shandra, and V. C. Radeloff. 2015. 19th Century land use legacies affects 21st century rates of forest loss and agricultural abandonment in the Carpathian Mountains. *Perth III: Mountains of Our Future Earth, 4-8 October 2015, Perth, Scotland.*
- Ostapowicz, K. E. Ziolkowska, C. B. Leon, T. Berezowska-Cnota, T. Kuemmerle, V. C. Radeloff and N. Selva. 2015. Implications of future land cover change on the brown bear habitat suitability in the northern part of the Carpathians. *9th International Association of Landscape Ecology World Congress. 5-10 July 2015, Portland, Oregon.*
- Pidgeon, A. M., B. Bateman, A. Allstadt, A.-M. Venegas, S. Vavrus, V.C. Radeloff, W Thogmartin and P. Heglund. 2015. The effects of extreme weather on birds: data, tools, and insights for conservation. *American Ornithologists' Union. 28 July - 2 Aug, Norman, Oklahoma.*
- Radeloff, V. C., N. Suttidate, D. Helmers, N. C. Coops, B. Borisov, T. M. Brooks, M. Hobi, T. Kuemmerle, A. M. Pidgeon, and C. Rondinini. 2015. The Dynamic Habitat Indices derived from three decades of MODIS and AVHRR data and their relationship to global patterns of mammal species richness. *The 36th International Symposium on Remote Sensing of Environment, 11-15 May, 2015, Berlin, Germany.*
- Sieber, A., T. Kuemmerle, M. V. Uvarov, A. B. Pankov, L. M. Basking and V. C. Radeloff. 2015. Effects of post-Soviet land-use change on large mammals' habitat in European Russia. *The 7th Biennial Conference of the International Biogeographic Society, 8 – 12 January 2015, Bayreuth, Germany.*
- ★ Suttidate, N., A. J. Lynam, R. Sukmasuang, D. Ngoprasert, W. Chutipong, K. E. Jenks, M. Baker, S. Kitamura, R. Steinmetz, E. Ziółkowska, B. L. Bateman, V. C. Radeloff. 2015. Identifying habitat patches and dispersal corridors for endangered Indochinese tigers. *9th International Association of Landscape Ecology World Congress. 5-10 July 2015, Portland, Oregon.*
- Ziolkowska, E. K. Ostapowicz, V. C. Radeloff, N. Selva, T. Kuemmerle, and W. Smietana. 2015. Resistance surfaces for understanding species movement: what do they tell us about connectivity of large carnivores? *9th International Association of Landscape Ecology World Congress. 5-10 July 2015, Portland, Oregon.*
- ★ Zhu, L., V. C. Radeloff, A. R. Ives, and B. Barton. 2015. Mapping crop patterns in Central U.S. agricultural systems from 2000 to 2014 based on Landsat data: to what degree does fusing MODIS

data improve classification accuracies? *American Geophysical Union Fall Meeting, 14-18 December 2015, San Francisco, California.*

2014

- Rissmann, A. and V. C. Radeloff. Co-organizers of the Symposium “Adapting conservation strategies to novel social-ecological systems, rapid change, and no-analog conditions” at the *North American Congress for Conservation Biology, July 13-16 2014, in Missoula, Montana.*
- ★ Alexandre, P., M. Mockrin, S. Stewart, R. Hammer, N. Keuler, M. Clayton, A. Bar Massada, and V. C. Radeloff. 2014. Modeling structure losses to wildfires across the conterminous United States. *Large Wildland Fires: Social, Political, and Ecological Effects. 19-23 May 2014, Missoula, Montana.*
- Baumann, M., V. C. Radeloff, M. Ozdogan, V. Avedian, and T. Kuemmerle. 2014. Direct and displacement effects of the Nagorno-Karabakh conflict on land use. *Global Land Project Open Science Meeting, 19-21 March 2014, Berlin, Germany.*
- ★ Carter, S. S. Januchowski-Hartley, A. M. Pidgeon and V. C. Radeloff. 2014. Bridging the planning-implementation gap: Factors influencing implementation of conservation plans in Wisconsin, USA. *North American Congress for Conservation Biology (NACCB), 13-16 July 2014, Missoula, Montana.*
- Fuentes, M. M. P. B., B. L. Bateman, D. Helmers, R. L. Pressey, R. Kamrowski, and V. C. Radeloff. 2014. How exposed to human disturbance are turtle nesting areas in the USA? *34th International Sea Turtle Symposium, 10-17 April 2014, New Orleans, Louisiana.*
- Hammer, R., P. Alexandre, S. I. Stewart, V. C. Radeloff, and M. Mockrin. 2014. Housing development and rebuilding after wildfire: rebuilding and policy responses after fire on the Colorado Front Range, 2010-2012. *Large Wildland Fires: Social, Political, and Ecological Effects. 19-23 May 2014, Missoula, Montana.*
- Kaim, D., J. Kozak, K. Ostafin, U. Gimmi, C. Munteanu, and V. C. Radeloff. 2014. Forest cover change in the Polish Carpathians since the mid-19th century: How do different methods of map interpretation contribute to our understanding of land cover change? *International Geographical Union Regional Conference, 18-22 August 2014, Krakow, Poland.*
- Kuemmerle, T., M. Baumann, V. Butsic, A. Shortland, V. C. Radeloff, and T. Brueck. 2014. Warfare effects on land system dynamics. *Global Land Project Open Science Meeting, 19-21 March 2014, Berlin, Germany.*
- ★ Munteanu, C., T. Kuemmerle, M. Boltiziar, U. Gimmi, L. Halada, D. Kaim, G. Kiraly, A. Konkoly-Gyuro, J. Kozak, J. Lieskovsky, M. Mojses, D. Mueller, K. Ostafin, K. Ostapowicz, O. Shandra, and V. C. Radeloff. 2014. 200 years of land change in the Carpathian region: re-thinking change trajectories and land use legacies. *Global Land Project Open Science Meeting, 19-21 March 2014, Berlin, Germany.*
- Ostapowicz, K., and V. C. Radeloff. 2014. Using dense time series of Landsat images to assess spatial and temporal pattern of agricultural land abandonment and natural forest re-growth. *Global Land Project Open Science Meeting, 19-21 March 2014, Berlin, Germany.*
- Ostapowicz, K., P. Griffiths, C. Munteanu, M. Baumann, T. Kuemmerle, P. Hostert, and V. C. Radeloff. 2014. Land cover mapping at the regional scale with use of Landsat data: the Carpathians case study. *First joint workshop of the EARSeL Special Interest Group and Land Use & Land Cover and the NASA LCLUC Program, 17-18 March 2014, Berlin, Germany.*
- Prishchepov, A. V., D. Mueller, R. Locker, R. Kraemer, F. Schierhorn, M. Baumann, P. Griffiths, A. Sieber, T. Kuemmerle, P. Hostert, and V. C. Radeloff. 2014. What drives massive agricultural land abandonment and re-cultivation of abandoned croplands in Russia, Ukraine, and Kazakhstan? *Global Land Project Open Science Meeting, 19-21 March 2014, Berlin, Germany.*
- Radeloff, V. C., K. Burke, B. Kraemer, S. Munoz, and J. W. Williams. 2014. Novelty and protected areas. *North American Congress for Conservation Biology (NACCB), 13-16 July 2014, Missoula, Montana.*

- Radeloff, V. C. 2014. Land-use change after the collapse of the Soviet Union – effects of shocks, time lags, and legacies. Invited keynote lecture at the *First joint workshop of the EARSeL Special Interest Group and Land Use & Land Cover and the NASA LCLUC Program, 17-18 March 2014, Berlin, Germany.*
- ★ Ramirez Reyes, C. D., and V. C. Radeloff. 2014. Potential habitat mapping for jaguars in the Sierra Gora Biosphere Reserve in central Mexico: priority conservation sites for habitat connectivity. *North American Congress for Conservation Biology (NACCB), 13-16 July 2014, Missoula, Montana.*
- Williams, J. W., and V. C. Radeloff. 2014. Not in Kansas anymore: novel environments and ecosystems. *North American Congress for Conservation Biology (NACCB), 13-16 July 2014, Missoula, Montana.*

2013

- ★ Allstadt, A., B. L. Bateman, A. M. Pidgeon, V. C. Radeloff, S. Vavrus, N. Keuler, M. Clayton, T. Albright, W. Thogmartin, and P. Heglund. Extreme weather and the abundance and distribution of breeding birds. *American Geophysical Union Fall Meeting, 9-13 December 2013, San Francisco, California.*
- ★ Bateman, B. L., J. M. Gorzso, A. M. Pidgeon, V. C. Radeloff, J. M. Gorzo, A. J. Allstadt, P. D. Culbert, W. E. Thogmartin, C. H. Flather, T. P. Albright, H. R. Akcakaya, S. J. Vavrus, and P. J. Heglund. Identifying drivers of abundance of an irruptive species, the Dickcissel (*Spiza americana*). *Society for Conservation Biology: 26th International Congress for Conservation Biology. 21-25 July 2013, Baltimore, Maryland USA.*
- ★ Bateman, B. L., A. M. Pidgeon, J. VanDerWal, V. C. Radeloff, H. R. Akcakaya, W. E. Thogmartin, C. H. Flather, T. P. Albright, S. J. Vavrus, and P. J. Heglund. Assessing the dynamic nature of species distributions using short-term weather and climate variability. *Ecological Society of America, 98th annual meeting. 4-9 August 2013, Minneapolis, Minnesota, USA.*
- ★ Bateman, B. L., A. M. Pidgeon, V. C. Radeloff, J. M. Gorzo, A. J. Allstadt, P. D. Culbert, W. E. Thogmartin, C. H. Flather, T. P. Albright, H. R. Akcakaya, S. J. Vavrus, and P. J. Heglund. Use of multiple data sources in identifying drivers of abundance in an irruptive species, the Dickcissel (*Spiza americana*). *Joint meeting of the American Ornithologists Union, 131st Stated meeting and Cooper Ornithology Society, 83rd annual meeting. 13-17 August 2013, Chicago, Illinois, USA.*
- ★ Bateman, B. L., A. M. Pidgeon, V. C. Radeloff, A. J. Allstadt, H. R. Akcakaya, W. E. Thogmartin, S. J. Vavrus, and P. J. Heglund. The importance of range edges during extreme events. *The Wildlife Society 20th annual conference. 5-10 October 2013, Milwaukee, Wisconsin, USA.*
- ★ Bragina E. V., K. Wendland, M. Baumann, A. Sieber, T. Kuemmerle, A. M. Pidgeon, P. Alexandre, and V. C. Radeloff. Effectiveness of Russian protected areas before and after transition to post-socialism. *Society for Conservation Biology: 26th International Congress for Conservation Biology. 21-25 July 2013, Baltimore, Maryland, USA.*
- ★ Brandt, J. S., E. M. Wood, A. M. Pidgeon, L.-X. Han, Z. Fang, and V. C. Radeloff. Sacred forests and bird conservation in the Himalaya. *Joint meeting of the American Ornithologists Union, 131st Stated meeting and Cooper Ornithology Society, 83rd annual meeting. 13-17 August 2013, Chicago, Illinois, USA.*
- ★ Carter, S., A. M. Pidgeon, V. C. Radeloff. Bridging the planning-implementation gap: do conservation plans influence the patterns of subsequent land acquisitions? *US-IALE Annual Symposium, 14-18 April 2013, Austin, Texas, USA.*
- Davidson, A., K. Shoemaker, B. Weinstein, C. Graham, V. C. Radeloff, and C. Rondinini. Forecasting global mammal extinction risk in a changing world. *Society for Conservation Biology: 26th International Congress for Conservation Biology. 21-25 July 2013, Baltimore, Maryland USA.*
- Estes, A., B. L. Bateman, H. Shugart, and V. C. Radeloff. Using species distribution models and remote sensing to predict hotspots of human-elephant conflict: implications for conservation and management. *Society for Conservation Biology: 26th International Congress for Conservation Biology. 21-25 July 2013, Baltimore, Maryland USA.*

- Kozak J., U. Gimmi, M. Dobosz, D. Kaim, N. Kolecka, K. Ostafin, K. Ostapowicz, M. Troll, C. Munteanu, and V. C. Radeloff. Long-term land use and land cover changes in the Carpathians. *Acta Biologica Cracoviensia* 55, suppl. 1, 27-27. *Biogeography of the Carpathians: Evolution of Biodiversity in a Spatiotemporal Context. 26-28 September 2013, Kraków, Poland.*
- Mockrin, M.H., S. I. Stewart, P. Alexandre, G. Sanfaçon, V.C. Radeloff, and R. B. Hammer. Adapting to Wildfire: Rebuilding After Structure Loss. *NCSE's 13th National Conference on Science, Policy, and the Environment: Disasters and Environment: Science, Preparedness, and Resilience. 15-17 January 2013, Washington, DC.*
- Mockrin, M.H., S. I. Stewart, P. Alexandre, V.C. Radeloff, and R. B. Hammer. Housing Development and Rebuilding after Wildfire: How Do Communities Adapt to Structure Loss? *The 19th International Symposium on Society and Resource Management, 4-8 June 2013, Estes Park, Colorado, USA.*
- Rittenhouse, C., M. Baumann, and V. C. Radeloff. Mapping forest disturbance and afforestation to identify potential habitat for New England Cottontail. *The Wildlife Society 20th annual conference. 5-10 October 2013, Milwaukee, Wisconsin, USA.*
- ★ Wood, E., A. M. Pidgeon, V. C. Radeloff, P. Culbert, N. Keuler, and C. F. Flather. Housing development, protected areas, and avian community conservation. *Society for Conservation Biology: 26th International Congress for Conservation Biology. 21-25 July 2013, Baltimore, Maryland USA.*
- ★ Wood, E., A. M. Pidgeon, V. C. Radeloff, P. Culbert, N. Keuler, and C. F. Flather. Housing development erodes protected area avian community structure. *Joint meeting of the American Ornithologists Union, 131st Stated meeting and Cooper Ornithology Society, 83rd annual meeting. 13-17 August 2013, Chicago, Illinois, USA.*
- Ziółkowska E., K. Ostapowicz, V. C. Radeloff, T. Kuemmerle. How do different matrix representations affect connectivity assessments? *The IALE 2013 European Congress. 9-12 September 2013, Manchester, England.*

2012

- Baumann, M., K. J. Wendland, M. Ozdogan, and V. C. Radeloff. Does separating disturbance types affect modeling of drivers of timber harvest? *IAMO-Forum 2012, 20-22 June 2012. Halle, Germany.*
- Baumann, M., M. Ozdogan, and V. C. Radeloff. Forest-Cover Changes following Socio-Economic Changes in the Temperate Zone of European Russia. *Planet under Pressure Conference 2012, 26-29 March 2012, London, England.*
- ★ Bragina, E. V., A. R. Ives, A. M. Pidgeon, N. Keuler, T. Kuemmerle, M. Piquer-Rodriguez, and V. C. Radeloff. Population declines in game mammals after the collapse of the Soviet Union. *2012 Conference of the Wildlife Society, 13 – 18 October 2012, Portland, Oregon.*
- ★ Carter, S. K. E. Duerr, D. Helmers, A. M. Pidgeon, and V. C. Radeloff. Conservation planning in Wisconsin: Do current priorities address future threats? *2012 Conference of the Wildlife Society, 13 – 18 October 2012, Portland, Oregon.*
- ★ Culbert, P. D., V. C. Radeloff, N. C. Coops, J. M. Kellndorfer, T. R. Loveland, and A. M. Pidgeon. A nationwide predictive map of avian biodiversity. *Annual Symposium of U.S.-IALE. 8-12 April 2012, Newport, Rhode Island.*
- Kuemmerle, T., D. Mueller, P. Olofsson, F. Schierhorn, A. V. Pirshchepov, C. Alcantara, C. Woodcock, V. C. Radeloff and R. A. Houghton. Carbon implications of socialist and post-socialist land use change in Eastern Europe and the former Soviet Union. *Planet under Pressure Conference 2012, 26-29 March 2012, London, England.*
- ★ Munteanu, C., M. Boltziar, U. Gimmi, L. Halada, D. Kaim, G. Kiraly, E. Konkoly-Gyuro, J. Kozak, T. Kuemmerle, J. Lieskovsky, M. Mojses, D. Nagy, K. Ostafin, K. Ostapowicz, O. Shandra, M. Troll, and V. C. Radeloff. A meta-analysis of drivers and patterns of land use change in the Carpathians and the Carpathian Basin. *Forum Carpaticum, 30 May - 2 June 2012, Stara Lesna, Slovakia.*

- ★ Munteanu, C., M. Boltiziar, U. Gimmi, L. Halada, D. Kaim, G. Kiraly, E. Konkoly-Gyuro, J. Kozak, T. Kuemmerle, J. Lieskovsky, M. Mojses, D. Nagy, K. Ostafin, K. Ostapowicz, O. Shandra, M. Troll, and V. C. Radeloff. Historic land use change across the Carpathian Basin. *Historical Maps in Environmental Geosciences. 21-23 June 2012, Cluj Napoca, Romania.*
- Prishchepov, A. V., D. Mueller, A. Sieber, T. Kuemmerle, V. C. Radeloff and P. Hostert. Environmental, socio-economic and climatic changes in Northern Eurasia and their feedbacks to the global earth system. *European Geosciences Union General Assembly, 22-27 April 2012, Vienna, Austria.*
- Prishchepov, A. V., D. Mueller, V. Butsic, and V. C. Radeloff. Sensitivity of spatially explicit land-use logistic regression models to the errors in land-use change maps. *6th International Congress on Environmental Modelling and Software (iEMSs), 1-5 July 2012, Leipzig, Germany 22-27 April 2012, Vienna, Austria.*
- Sieber, A. T. Kuemmerle, A. V. Prishchepov, V. C. Radeloff, M. Hampel, and P. Hostert. Farmland abandonment and logging as diversity of forest fragmentation in post-Soviet Russia. *IAMO-Forum 2012, 20-22 June 2012. Halle, Germany.*
- Syphard, A. D., J. E. Keeley, A. Bar Massada, V. Butsic, T. J. Brennan, and V. C. Radeloff. Land use planning to reduce wildfire risk in southern California. *Association for Fire Ecology, 3-7 December 2012, Portland, Oregon.*
- ★ Wood, E. M., A. M. Pidgeon, V. C. Radeloff, and C. H. Flather. Patterns of avian community response at the boundary of protected areas: is the conservation benefit being eroded. *North American Ornithological Conference, 15 August 2012, Vancouver, British Columbia.*

2011

- Albright, T. P., C. D. Rittenhouse, A. M. Pidgeon, P. D. Culbert, V. C. Radeloff, M. K. Clayton, C. F. Flather, and B. Wardlow. Timing and geography structure heat wave and drought effects on avian community structure. *The International Biogeography Society, 7-11 January 2011, Crete, Greece.*
- Albright, T. P., A. M. Pidgeon, V. C. Radeloff, and B. Wardlow. Identifying thermally challenging landscapes and time periods for wildlife using remote sensing. *American Geophysical Union Fall Meeting. 5-9 December 2011, San Francisco, CA.*
- ★ Bar-Massada, A., E. M. Wood, A. M. Pidgeon, and V. C. Radeloff. Complex effects of spatial scale on relationships between landscape pattern and avian species diversity. *U.S.-IALE Symposium, 3-7 April 2011, Portland, OR.*
- ★ Brandt, J. S., T. Kuemmerle, L. Haomin, R. Guopeng, Z. Jianguo, and V. C. Radeloff. Ecotourism accelerates old-growth forest logging in southwest China. *25th International Congress for Conservation Biology 5-9 December 2011, Auckland, New Zealand.*
- Baumann, M., M. Ozdogan, V. C. Radeloff, T. Kuemmerle, K. J. Wendland, and E. Esipova. Regional difference of post-Soviet forest disturbance in temperate European Russia. *The 2001 ASPRS Annual Conference, 1-5 May 2011, Milwaukee, Wisconsin.*
- Estes, A. B., T. Kuemmerle, V. C. Radeloff, and H. H. Shugart. Land cover change and human population trends in the Serengeti ecosystem, Tanzania from 1984-2003. *25th International Congress for Conservation Biology, 5-9 December 2011, Auckland, New Zealand.*
- ★ Hamilton, C., S. Martinuzzi, P. Heglund, W. E. Thogmartin, D. Helmers, A. M. Pidgeon, and V. C. Radeloff. Future land use around the U.S. Fish and Wildlife Service National Wildlife Refuges. *The Wildlife Society 18th Annual Conference, 5-10 November 2011, Waikola, HI.*
- ★ Hamilton, C., S. Martinuzzi, P. Heglund, A. M. Pidgeon, and V. C. Radeloff. Opportunities for connectivity: Spatial pattern of housing around the U.S. National Wildlife Refuges. *U.S.-IALE Symposium, 3-7 April 2011, Portland, OR.*
- Kuemmerle, T., K. Perzanowski, H. R. Akcakaya, T. R. van Deelen, and V. C. Radeloff. Cost-effectiveness of strategies to establish a European bison metapopulation in the Carpathian Mountains. *Annual Meeting of IALE-Germany, 12-14 October 2011, Berlin, Germany.*

- Kuemmerle, T., P. Oloffson, M. Baumann, O. Chaskovskyy, V. C. Radeloff, C. Woodcock, and P. Hostert. Land use changes during the Soviet and post-Soviet era and their effects on carbon fluxes in Western Ukraine. *The 31st EARSEL Symposium, 30 May – 2 June 2011, Prague, Czech Republic.*
- Mockrin, M. H., S. I. Stewart, V. C. Radeloff, and R. B. Hammer. Land cover and housing development in northern New England, 1940-2000. *International Symposium on Society and Resource Management, 4-8 June, Madison, Wisconsin.*
- Mockrin, M.H, S.I. Stewart, V.C. Radeloff, R.B. Hammer. March 2011. Land cover and land use in New England, 1940-2000. *The Resilience 2011 Conference, March 14 - 18, 2011, Tempe, Arizona.*
- Pennington, D. N., E. Nelson, S. Polasky, A. Plantinga, D. Lewis, V. C. Radeloff, J. Lawler, D. White, S. Martinuzzi, D. Helmers, and E. Lonsdorf. Tradeoffs among carbon, biodiversity, and economic returns for future land-use scenarios in the conterminous United States. *American Geophysical Union Fall Meeting, 5-9 December 2011. San Francisco, CA.*
- Pidgeon, A. M., T. P. Albright, C. D. Rittenhouse, C. F. Flather, P. D. Culbert, J. G. Masek, and V. C. Radeloff. Regional variation in response to climate extremes by avian communities- predictions for a no-analog future. Invited presentation in the symposium: A no-analog future for birds in a changing climate? *129th Annual Meeting of the American Ornithologists' Union, 27 July 2011, Jacksonville, FL.*
- Prishchepov, A. V., D. Muller, M. Y. Dubinin, V. C. Radeloff, and M. Baumann, M. 2011. Determinants of agricultural land abandonment in post-Soviet European Russia: a spatially-explicit modeling approach. *13th Congress of the European Association of Agricultural Economists. 23 August – 2 September 2011, Zurich, Switzerland.*
- Sieber, A., T. Kuemmerle, A. Prishchepov, V. C. Radeloff, and P. Hostert. Post-Soviet land-use change and the effectiveness of protected areas in European Russia. *The 31st EARSEL Symposium, 30 May – 2 June 2011, Prague, Czech Republic.*
- Stewart, S. I., V. C. Radeloff, R. B. Hammer, D. Helmers, and M. H. Mockrin. Wildland Urban Interface growth in the United States 1990 - 2000. *International Symposium on Society and Resource Management, 4-8 June, Madison, Wisconsin.*
- Syphard, A. D., J. E. Keeley, A. Bar Massada, T. Brennan, and V. C. Radeloff. Housing arrangement and location increase wildfire risk. *The 96th ESA Annual Meeting, 7-12 August 2011, Austin, Texas.*
- Withey, J. C., J. J. Lawler, S. Polasky, A. J. Plantinga, E. J. Nelson, V. C. Radeloff, D. Helmers, C. B. Wilsey, C. A. Schloss, T. Nogeire, A. Ruesch, and J. Ramos. Maximizing return on conservation investment in the conterminous U.S. *The 96th ESA Annual Meeting, 7-12 August 2011, Austin, Texas.*

2010

- ★ Albright, T., C. D. Rittenhouse, A. M. Pidgeon, M. K. Clayton, P. D. Culbert, and V. C. Radeloff. Birds under stress: Effects of heatwaves and drought on US avian communities. *Association of American Geographers Annual Meeting, Washington DC. 14 April 2010.*
- ★ Bar Massada, A., E. M. Wood, V. C. Radeloff, and A. M. Pidgeon. 2010. Using multiscale spatial context to predict avian species richness in a woodland savanna. *The 24th International Congress for Conservation Biology. July 3 – 7, 2010, Edmonton, Alberta, Canada.*
- Baumann, M., T. Kuemmerle, V. C. Radeloff, M. Ozdogan, A. V. Prishchepov, M. Elbakidze, P. Hostert. 2010. Determinants of Post-Socialist Farmland Abandonment in the Ukrainian Carpathians. *Global Land Program Open Science Meeting, October 17-19, Tempe, Arizona.*
- ★ Beaudry, F., A. M. Pidgeon, V. C. Radeloff, D. J. Mladenoff, R. W. Howe, and G. A. Bartelt. 2010. Regional conservation planning: Contrasting optimization methods for forest birds with incompatible habitat requirements. *The 24th International Congress for Conservation Biology. July 3 – 7, 2010, Edmonton, Alberta, Canada.*

- ★ Butsic, V. A., V. C. Radeloff, A. M. Pidgeon, and T. Kuemmerle. 2010. A theoretical model of the effect of land intensity and extent on species richness and economic output” *The 24th International Congress for Conservation Biology meeting, July 3 – 7, 2010, Edmonton, Alberta, Canada.*
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- ★ Sabor, A. A., V. C. Radeloff, R. McRoberts, M. Clayton, and S. I. Stewart. 2005. Noise addition in Forest Inventory and Analysis (FIA) data: Effects on analysis results at three spatial scales. *North American Forest Ecology Workshop, June 12-16, Ottawa, Canada.*
- ★ Sabor, A. A. and V. C. Radeloff. 2005. Patterns of down dead wood in the Great Lake States. *The 90th Annual Meeting of the Ecological Society of America and the IX International Congress of Ecology, August 7-12, 2005, Montréal, Canada.*
- ★ Sabor, A. A., V. C. Radeloff, R. McRoberts, M. Clayton, and S. I. Stewart. 2005. Using FIA with other mapped data sources: how much does fuzzing matter? *National Convention of the Society of American Foresters, October 19-23, Fort Worth, Texas.*
- Stewart, S. I., V. C. Radeloff, R. B. Hammer, J. F. McKeefry, and S. S. Holcomb. 2005. Change of the Wildland Urban Interface over time. *The International Association of Fire Chiefs, and the National Fire Plan Conference, February 16-18, 2005, Albuquerque, New Mexico.*

- Stewart, S. I., R. B. Hammer, and V. C. Radeloff. 2005. Housing growth in the United States from 1940 to 2030 and its implications for recreation management. *Northeast Recreation Research Symposium, April 10-12, 2005, Bolton Landing, New York.*
- ★St-Louis, V., A. M. Pidgeon, V. C. Radeloff, and T. J. Hawbaker. 2005. Using image texture analysis to predict breeding bird's response to fine scale habitat variability in desert and grassland environments. *The 90th Annual Meeting of the Ecological Society of America and the IX International Congress of Ecology, August 7-12, 2005, Montréal, Canada.*

2004

- ★Gonzales-Abraham, C. E., V. C. Radeloff, T. J. Hawbaker, R. B. Hammer, and S. I. Stewart. 2004. Rural sprawl and forest fragmentation in northern Wisconsin. *The 89th Annual Meeting of the Ecological Society of America, August 1-6, 2004 Portland, Oregon.*
- Hammer, R. B., V. C. Radeloff, S. I. Stewart, and J. S. Fried. 2004. Growth of the Wildland-Urban Interface in the United States during the 1990s and the associated coarse scale wildland fire regime condition class for selected states. *The 10th International Symposium for Society and Resource Management, June 2-6, 2004, Keystone, Colorado.*
- ★Hawbaker, T. J., and V. C. Radeloff. 2004. Time lags of invasive species spread along an expanding road network. *The 89th Annual Meeting of the Ecological Society of America, August 1-6, 2004, Portland, Oregon.*
- Kuemmerle, T., P. Hostert, and V. C. Radeloff. 2004. Cross-border monitoring of LUC in Eastern Europe. *Göttingen GIS & Remote Sensing Days, October 7-8, 2004, Göttingen, Germany.*
- ★Lepczyk, C. A., R. B. Hammer, V. C. Radeloff, and S. I. Stewart. 2004. Spatiotemporal dynamics of 1940-2000 housing growth hotspots in the North Central U.S. *The 19th Annual Symposium U.S. IALE, March 30 – April 3, 2004, Las Vegas, Nevada.*
- ★Lepczyk, C. A., R. B. Hammer, V. C. Radeloff, and S. I. Stewart. 2004. Spatiotemporal dynamics of 1940-2000 housing growth hotspots in the Northeastern U.S. from 1940 to 2000. *The 10th International Symposium for Society and Resource Management, June 2-6, 2004, Keystone, Colorado.*
- ★Lepczyk, C. A., A. M. Pidgeon, V. C. Radeloff, R. B. Hammer, and C. H. Flather. 2004. The influence of housing growth on bird communities in the Northeastern U.S. *The 18th Annual Meeting of the Society for Conservation Biology, July 30 – August 2, 2004, New York, New York.*
- ★Lepczyk, C. A., V. C. Radeloff, C. H. Flather, A. M. Pidgeon, R. B. Hammer, and J. Liu. 2004. The influence of human-dominated landscapes on breeding birds in the Midwest United States. *The 89th Annual Meeting of the Ecological Society of America, August 1-6, 2004, Portland, Oregon.*
- ★McKeefry, J. F., S. S. Holcomb, V. C. Radeloff, R. B. Hammer, J. S. Fried, and S. I. Stewart. 2004. Assessing housing growth when Census unit boundaries change. *ESRI International User Conference, August 9-13, 2004, San Diego, California.*
- Pidgeon, A. M., C. A. Lepczyk, V. C. Radeloff, C. H. Flather, T. J. Hawbaker, and R. B. Hammer. 2004. Changes in bird species richness due to housing growth and landcover change from 1970-2000: a Nation-wide study. *The 89th Annual Meeting of the Ecological Society of America, August 1-6, 2004, Portland, Oregon.*
- Radeloff, V. C., R. B. Hammer, S. I. Stewart, J. S. Fried, J. F. McKeefry and S. S. Holcomb. 2004. The Wildland-urban interface in the United States. *The 1st Symposium for the Earth System Scholars Network, September 27-29, Adelphi, Maryland.*
- Radeloff, V. C., R. B. Hammer, S. I. Stewart, J. S. Fried, J. F. McKeefry and S. S. Holcomb. 2004. Growth of the wildland-urban interface in the U.S. from 1990 to 2000. *The 18th Annual Meeting of the Society for Conservation Biology, July 30 – August 2, 2004, New York, New York.*
- ★Sabor, A. A., V. C. Radeloff, R. B. Hammer, and S. I. Stewart. 2004. Characteristics of standing dead wood and its relationship to housing density in the Lake States. *The 89th Annual Meeting of the Ecological Society of America, August 1-6, 2004, Portland, Oregon.*

- ★ Sabor, A. A., V. C. Radeloff, R. B. Hammer, and S. I. Stewart. 2004. How does housing density affect timber harvest? A study from the Great Lakes States. *Monitoring Science and Technology Symposium, September 20-24, 2004, Denver, Colorado.*
- Stewart, S. I., V. C. Radeloff, and R. B. Hammer. 2004. Sensitivity analysis of a policy-based definition of the Wildland-Urban Interface in the United States. *The 10th International Symposium for Society and Resource Management, June 2-6, 2004, Keystone, Colorado.*
- Stewart, S. I., R. B. Hammer, and V. C. Radeloff. 2004. Sensitivity analysis of a policy-based definition of the Wildland-Urban Interface in the United States. *The International Environmetrics Society and the Spatial Accuracy Symposium, June 28 – July 2, 2004, Portland, Maine.*
- Stewart, S. I., R. B. Hammer, and V. C. Radeloff. 2004. Housing growth over time: The influence of human settlement on the landscape. *U.S. Forest Service Global Change Research Program. All Scientists Workshop, October 26-28, 2004, Welches, Oregon.*

2003

- ★ Culbert, P. D., T. J. Hawbaker, V. C. Radeloff and R. B. Hammer. 2003. Monitoring housing development in forested areas with remotely sensed data. *North American Forest Ecology Workshop, June 16-20, 2003, Corvallis, Oregon.*
- ★ Gonzales-Abraham, C. E., V. C. Radeloff, R. B. Hammer, T. J. Hawbaker and S. I. Stewart. 2003. Changes in forest fragmentation by housing in northern Wisconsin 1938-1998. *The 17th Annual Meeting of the Society for Conservation Biology, 28 June – 2 July, 2003, Duluth, Minnesota.*
- Gustafson, E. J., R. S. Potts, K. M. Bergen, V. C. Radeloff and D. G. Brown. 2003. Ecologic drivers of population and housing density change in the American Midwest. *The 18th Annual Symposium U.S. IALE, April 2-6, 2003, Banff, Alberta, Canada.*
- Haight, R. G., D. T. Cleland, R. B. Hammer, V. C. Radeloff and T. S. Rupp. 2003. Assessing the fire risk in the wildland-urban interface – a landscape ecosystem approach. *The Symposium for Systems Analysis in Forestry, October 7-9, 2003, Stevenson, Washington.*
- ★ Hawbaker, T. J., and V. C. Radeloff. 2003. Changes in landscape pattern by roads in Northern Wisconsin: 1938-1999. *North American Forest Ecology Workshop, June 16-20, 2003, Corvallis, Oregon.*
- ★ Hawbaker, T. J. and V. C. Radeloff. 2003. Incomplete GIS road data and the implications for landscape level analysis. *The 99th Association of American Geographers Annual Meeting, March, 4-8, 2003, New Orleans, Louisiana.*
- ★ Hawbaker, T. J., C. E. Gonzales-Abraham, V. C. Radeloff, R. B. Hammer, and S. I. Stewart. 2003. Relative and cumulative effects of roads and houses on forest fragmentation in northern Wisconsin. *The 17th Annual Meeting of the Society for Conservation Biology, 28 June – 2 July, 2003, Duluth, Minnesota.*
- ★ Holcomb, S. S., V. C. Radeloff, R. B. Hammer, and S. I. Stewart. 2003. Housing growth 1940-2000 in the Western US and its relationship to forest fragmentation. *The 17th Annual Meeting of the Society for Conservation Biology, 28 June – 2 July, 2003, Duluth, Minnesota.*
- ★ Lepczyk, C. C., V. C. Radeloff, C. H. Flather and J. Liu. 2003. The human influence on birds across landscapes of the Midwest United States. *4th European Ornithological Conference, August 16-21, 2003, Chemnitz, Germany.*
- ★ Lepczyk, C. A., V. C. Radeloff, C. H. Flather and J. Liu. 2003. The human influence on birds across Midwest landscapes. *The 17th Annual Meeting of the Society for Conservation Biology, 28 June – 2 July, 2003, Duluth, Minnesota.*
- Liyang, S. V. C. Radeloff, J. Barzen, and T. Moermond. 2003. Population density of sandhill cranes influenced by land cover and landscape features across Wisconsin, USA. *The 9th North American Crane Workshop, January 21-25, 2003, Sacramento, California.*

- McRoberts, R. E., G. C. Liknes, D. M. Meneguzzo, R. G. Haight, S. I. Stewart, V. C. Radeloff, R. B. Hammer. 2003. Forest fragmentation, tree species richness, and the wildland-urban interface. *The 2003 World Conference on Natural Resource Modeling, North Carolina, June 16-19, 2003, Beaufort, North Carolina.*
- Pidgeon, A. M., N. E. Mathews and V. C. Radeloff. 2003. Stick-tights and nomads in the Chihuahuan desert – Classification of bird species based on their abundance and nest success patterns. *The 17th Annual Meeting of the Society for Conservation Biology, 28 June – 2 July, 2003, Duluth, Minnesota.*
- Radeloff, V. C., R. B. Hammer, A. Treves and S. I. Stewart. 2003. The wildland-urban interface in the United States. *The 17th Annual Meeting of the Society for Conservation Biology, 28 June – 2 July, 2003, Duluth, Minnesota.*
- ★ Sabor, A. A., V. C. Radeloff, R. B. Hammer, and S. I. Stewart. 2003. Relationship between housing density and forest type, stand age, and forest ownership in the Upper Lake States. *The 17th Annual Meeting of the Society for Conservation Biology, 28 June – 2 July, 2003 Duluth, Minnesota.*
- ★ Sabor, A. A., V. C. Radeloff, R. B. Hammer, and S. I. Stewart. 2003. Relationship between housing density and timber harvests the Upper Lake States. *The 2nd Annual Sustainable Forest Management Summit, June 9-11, 2003, Sault Ste. Marie, Ontario, Canada.*
- ★ Sabor, A. A., V. C. Radeloff, R. B. Hammer, and S. I. Stewart. 2003. Relationships between housing density, population density, and timber harvest in the Upper Lake States. *The 5th Annual Forest Inventory and Analysis Symposium, November 18-20, New Orleans, Louisiana.*
- Stewart, S. I., J. F. Dwyer, V. C. Radeloff, R. B. Hammer and A. Treves. 2003. Mapping the Wildland urban interface across the United States: 1940-2030. *2003 National Fire Plan Conference, January 13-15, 2003, New Orleans, Louisiana.*
- Stewart, S. I., V. C. Radeloff, and R. B. Hammer. 2003. Characteristics and location of the wildland-urban interface in the United States. *Second International Wildland Fire Ecology and Fire Management Workshop, November 16-20, 2003, Orlando, Florida.*
- ★ Stoltman, A. M., V. C. Radeloff, and D. J. Mladenoff. 2003. Computer Visualization of Forest Landscapes in Wisconsin and the Demonstration of Management Options. *National Convention of the Society of American Foresters, October 25-29, 2003, Buffalo, New York.*
- Voss, P. R., R. B. Hammer, and V. C. Radeloff. 2003. Introducing a temporal dimension to small area demography. *The 99th Association of American Geographers Annual Meeting, March 4-8, 2003, New Orleans, Louisiana.*
- Voss, P. R., R. B. Hammer, V. C. Radeloff, R. L. Winkler, and S. I. Stewart. 2003. Housing units, trees and butterflies: Monitoring the impact of population expansion in the U.S. by intersecting small-area census data with remote sensing imagery. *The Conference on Migration, Urbanization, and Health: The Role of Remote Sensing and Geographic Information Systems for Monitoring, Surveillance, and Program Evaluation, September 25, 2003, Princeton, New Jersey.*

2002

- Akcakaya, H. R., V. C. Radeloff, D. J. Mladenoff and H. S. He. 2002. Linking landscape and metapopulation models: Sharp-tailed grouse in a dynamic landscape. *16th Annual Meeting of the Society for Conservation Biology, July 14-19, 2002, Canterbury, England.*
- Hammer, R. B., V. C. Radeloff and J. S. Fried. 2002. Rural housing development during the 1990s in California, Oregon, and Washington and the implications for wildland fire management. *65th Annual Meeting of the Rural Sociological Society, August 14-18, 2002, Chicago, Illinois.*
- Hammer, R. B., V. C. Radeloff and S. I., Stewart. 2002. The divergence of population and housing growth: Implications for integrated ecological research. *The 9th International Symposium for Society and Resource Management, June 2-5, 2002, Bloomington, Indiana.*
- ★ Hawbaker, T. J., V. C. Radeloff, and R. B. Hammer. 2002. Factors explaining patterns of road density in northern Wisconsin. *The 17th Annual Meeting, U.S. IALE, April 23-27, 2002, Lincoln, Nebraska.*

- ★ Holcomb, S., V. C. Radeloff, R. B. Hammer, and S. I. Stewart. 2002. Housing density change in the Northeastern United States, 1940-1990 in relation to forest cover. *The 17th Annual Meeting, U.S. IALE, April 23-27, 2002, Lincoln, Nebraska.*
- Liying, S. V. C. Radeloff, J. Barzen, and T. Moermond. 2002. Habitat selection by Sandhill Cranes *Grus Canadensis* at multiple scales in Wisconsin, USA. *The XXIII International Ornithological Congress, August 12-17, 2002, Beijing, China.*
- Pidgeon, A. M., L. Schulte, D. J. Mladenoff, and V. C. Radeloff. 2002. Pre-European distribution of forest birds in Wisconsin: a tool for setting regional conservation priorities. *The 3^d International Partners in Flight Conference, March 24, 2002, Monterey, California.*
- Radeloff, V. C., R. B. Hammer, J. S. Fried and S. I. Stewart. 2002. The spatial location, extent and dynamics of the Wildland-Urban Interface in CA, OR and WA. *2002 Fire Conference, December 2-5, 2002, San Diego, California.*
- Radeloff, V. C., D. J. Mladenoff, E. J. Gustafson, R. M. Scheller, and P. A. Zollner. 2002. Modeling forest harvesting effects on landscape pattern in a fire-adapted ecosystem. *The 17th Annual Meeting, U.S. IALE, April 23-27, 2002, Lincoln, Nebraska.*
- Stewart, S. I., R. B. Hammer, and V. C. Radeloff. 2002. Characterizing housing density patterns across the Midwest: Growth hotspots in seven states, 1940-1990. *The 9th International Symposium for Society and Resource Management, June 2-5, 2002, Bloomington, Indiana.*
- ★ Stoltman, A., V. C. Radeloff, D. J. Mladenoff, and B. Song. 2002. Computer visualization of pre-settlement forest landscapes in Wisconsin. *The 17th Annual Meeting, U.S. IALE, April 23-27, 2002, Lincoln, Nebraska.*
- Sturtevant, B. R., E. J. Gustafson, V. C. Radeloff, R. B., Hammer, P. A. Zollner, and D. J. Mladenoff. 2002. Interactions between fire suppression and the risk of catastrophic fire at the urban-wildland interface in the Pine Barrens of northern Wisconsin, USA. *IUFRO Meeting on Emulating Natural Forest Disturbances, May 13-14, 2002, Sault Ste Marie, Ontario.*

2001

- Field, D. R., P. R. Voss, T. K. Kuczynski, R. B. Hammer, and V. C. Radeloff. 2001. Affirming social landscape analysis in landscape ecology: Theoretical and methodological considerations. *Annual meeting of the Rural Sociological Society, August 18, 2001, Albuquerque, New Mexico.*
- Field, D. R., P. R. Voss, R. B. Hammer, V. C. Radeloff, T. K. Kuczynski and D. Frosch. 2001. Reaffirming the social in landscape ecology: Demography and the Pine Barrens of Wisconsin. *The 97th Annual Meeting of The Association of American Geographers, March 3, 2001, New York, New York.*
- Hammer, R. B., V. C. Radeloff, and P. R. Voss. 2001. Using Historic Housing Density Patterns to Identify Forest Change Hotspots in the U.S. Midwest. *Annual meeting of the Southern Demographics Association, October 11-13, 2001, Miami, Florida.*
- Hammer, R. B., V. C. Radeloff, and P. R. Voss. 2001. Explorations in ecological analyses incorporating small-area, historical census data. *Integrating Social Science into Long-Term Ecological Research Projects Biocomplexity Workshop: Census, GIS, and Historical Methods, September 27-28, 2001, Tempe, Arizona.*
- Pidgeon, A. M., V. C. Radeloff, and N. E. Mathews. 2001. Predictive mapping of avian populations using texture indices based on digital orthophotos. *Annual Meeting of the Ecological Society of America, August 5-10, 2001, Madison, Wisconsin.*
- Radeloff, V. C., R. B. Hammer, P. R. Voss and D. R. Field. 2001. U.S. Census data analysis of historic housing density change across the U.S. Midwest. *Annual Meeting of the Rural Sociological Society, August 17, 2001, Albuquerque, New Mexico.*
- Radeloff, V. C., R. B. Hammer, P. R. Voss and D. R. Field. 2001. Housing density change 1940-1990 in the U.S. Midwest. *Annual Meeting of the Ecological Society of America, August 5-10, 2001, Madison, Wisconsin.*

Song, B., P. Zollner, D. J. Mladenoff, E. J. Gustafson, H. S. He, and V. C., Radeloff. 2001. Visualization of management alternatives on the Chequamegon National Forest. *The 16th Annual Symposium of the U.S. IALE, April 25-29, 2001, Tempe, Arizona.*

2000

- Dymond, C. C., D. J. Mladenoff, and V. C., Radeloff. 2000. Improving deciduous forest mapping using phenological change analysis. *22nd Canadian Remote Sensing Symposium, August 21-25, Victoria, British Columbia, Canada.*
- Dymond, C. C., D. J. Mladenoff, and V. C., Radeloff. 2000. Integrating high resolution IRS texture estimates with Landsat to classify northern hardwoods. *The 15th Annual Symposium, U.S. IALE, April 15-19, 2000, Ft. Lauderdale, Florida.*
- Frosch, D. J., D. R. Field, V. C. Radeloff, and P. Voss. 2000. Forest landscapes in transition: The dynamic nature of people and places in the Northwoods. *International Symposium on Society and Resource Management, June 17-22, Bellingham, Washington.*
- Hammer, R. B., and V. C. Radeloff. 2000. Geographic patterns of residential development and landscape scale forest management in Northern Wisconsin. *The 15th Annual Symposium, U.S. IALE, April 15-19, 2000, Ft. Lauderdale, Florida.*
- Hammer, R. B., V. C. Radeloff, and P. R. Voss. 2000. Integrating residential development and vegetation patterns to facilitate landscape scale forest management in northern Wisconsin. *Annual Meeting of the Southern Demographic Association, October 26-28, New Orleans, Louisiana.*
- Pidgeon, A. M., N. E. Matthews, and V. C. Radeloff. 2000. Spatial patterns of avian productivity in the Northern Chihuahuan Desert. *The 15th Annual Symposium, U.S. IALE, April 15-19, 2000, Ft. Lauderdale, Florida.*
- Pidgeon, A. M., N. E. Matthews, and V. C. Radeloff. 2000. Spatial and temporal patterns of reproductive success of the avian community in the northern Chihuahuan Desert. *118th Stated Meeting of the American Ornithologists' Union, August 14-19, 2000, St. John's, Newfoundland.*
- Radeloff, V. C., D. J. Mladenoff, and R. P. Guries. 2000. Spatial pattern of cone serotiny in a *Pinus banksiana* landscape. *The 15th Annual Symposium, U.S. IALE, April 15-19, 2000, Ft. Lauderdale, Florida.*
- Sickley, T. A., D. J. Mladenoff and V. C. Radeloff. 2000. A Pre-European Settlement Vegetation Database for Wisconsin from U.S. General Land Office Records. *ESRI International User Conference, June 26-30, 2000, San Diego, California.*
- Song, B., D. J. Mladenoff, H. S. He, and V. C., Radeloff. 2000. 3-D visualization of simulated forest landscape dynamics of the LANDIS model. *The 15th Annual Symposium, U.S. IALE, April 15-19, 2000, Ft. Lauderdale, Florida.*
- Zollner, P. A., E. J. Gustafson, H. S. He, V. C. Radeloff and D. J. Mladenoff. 2000. Modeling forest succession in the Northern Lake States in response to alternative management scenarios. *The 15th Annual Symposium, U.S. IALE, April 15-19, 2000, Ft. Lauderdale, Florida.*

1999

- Hagen, A., V.C. Radeloff, D.R. Field, P. Voss, and D. J. Mladenoff. 1999. Using social data in resource management - the Wisconsin Pine Barrens. *International Symposium on Society and Resource Management. July 7-10, 1999, Brisbane, Australia.*
- Hostert, P., V. C. Radeloff, A. Roeder, and J. Hill. 1999. Monitoring 20 years of vegetation dynamics with spectral unmixing of Landsat data in Crete, Greece. *International Association for Landscape Ecology, 5th World Congress, July 29 - August 3, 1999, Snowmass, Colorado.*
- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1999. Landscape disturbance patterns in the NW-Wisconsin Pine Barrens and implications for ecosystem management. *Annual Meeting of the Ecological Society of America, August 8 - 12, 1999, Spokane, Washington.*

- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1999. Natural disturbance patterns, landscape scale management and human demographic trends in the NW-Wisconsin Pine Barrens. *International Association for Landscape Ecology, 5th World Congress, July 29 - August 3, 1999, Snowmass, Colorado.*
- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1999. Mimicking disturbance patterns in forest landscape management - impacts on wildlife habitat. *2nd International Wildlife Management Congress, June 28 - July 2, 1999, Gödöllő, Hungary.*
- Radeloff, V. C., D. J. Mladenoff, H. S. He, and M. S. Boyce. 1999. Pre-settlement vegetation and landscape change in the NW-Wisconsin Pine Barrens. *95th American Association of Geographers Annual Meeting, March 23-27, 1999, Honolulu, Hawaii, USA.*
- Song, B., D. J. Mladenoff, H. S. He, and V. C. Radeloff. 1999. 3-D Visualization for forest management and planning at multiple scales. *International Association for Landscape Ecology, 5th World Congress, July 29 - August 3, 1999, Snowmass, Colorado.*

1998

- Field, D. R., D. Frosch, C. Overdeest, V. C. Radeloff, and A. Hagen. 1998. Patterns on the land: the social construction of the Pine Barrens. *Annual Meeting of the Rural Sociological Society, August 6-9, 1998, Portland, Oregon.*
- Hagen, A., D. R. Field, V. C. Radeloff, and P. Voss. 1998. Landscape diversity in the Wisconsin Pine Barrens. *Annual Meeting of the Rural Sociological Society, August 6-9, 1998, Portland, Oregon.*
- Hagen, A., P. Voss, V.C. Radeloff, and D. R. Field. 1998. Figuring human habitation in wildlife management in the Wisconsin Pine Barrens. *National Convention of the Society of American Foresters, September 19-23, 1998, Traverse City, Michigan.*
- Hagen, A., P. Voss, V.C. Radeloff, and D. R. Field. 1998. Using social data to analyze wildlife habitat. *ESRI International User Conference, July 27-31, 1998, San Diego, California.*
- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1998. Can salvage logging replace fire in its effect on landscape structure? *Annual Meeting of the Wildlife Society, September 22-26, 1998, Buffalo, New York.*
- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1998. Monitoring and modeling the effects of insect defoliation on forest landscapes. *27th International Symposium on Remote Sensing of Environment, June 8-12, 1998, Tromsø, Norway.*
- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1998. Spectral Mixture Analysis for insect defoliation monitoring. *Annual Conference of the American Society for Photogrammetry & Remote Sensing, March 30 - April 4, 1998, Tampa, Florida.*
- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1998. Influence of landscape patterns on jack pine budworm populations. *13th Annual Meeting of the US-Chapter of the International Association for Landscape Ecology, March 17-21, 1998, East Lansing, Michigan.*

1997

- Boyce, M. S., R. Gorham, D. J. Mladenoff, and V. C. Radeloff. 1997. Forest spatial patterns influencing the dynamics of jack pine budworm in Northwestern Wisconsin. *59th Midwest Fish and Wildlife Conference, December 5-12, 1997, Milwaukee, Wisconsin.*
- Gorham, R., M. S. Boyce, D. J. Mladenoff, V. C. Radeloff, and R. Endreson. 1997. Forest spatial patterns influencing the dynamics of jack pine budworm in NW Wisconsin. *Midwest Oak Savanna and Woodland Conference, July 30 - August 2, 1997, Madison, Wisconsin.*
- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1997. Landscape dynamics in the NW-Wisconsin Pine Barrens related to jack pine budworm defoliation. *59th Midwest Fish and Wildlife Conference, December 5-12, 1997, Milwaukee, Wisconsin.*

- Radeloff, V. C., D. J. Mladenoff, and M. S. Boyce. 1997. Multi-temporal analysis of landscape disturbance due to insect defoliation. *Annual Meeting of the Ecological Society of America, August 10-14, 1997, Albuquerque, New Mexico.*
- Radeloff, V. C., D. J. Mladenoff, K. L. Manies, and M. S. Boyce. 1997. Importance and distribution of oak in the Pine Barrens landscape. *Midwest Oak Savanna and Woodland Conference, July 30 - August 2, 1997, Madison, Wisconsin.*

INVITED PRESENTATIONS

2023

- Pidgeon, A.M., V.C. Radeloff, A. Carlson, E. Lather, Z. Steel, and M. Mockrin. 2023. WUI development and National Forests: effects on bird populations. *US Forest Service, RPA Assessment Specialists Meeting, 23 August 2023, Fort Collins, Colorado.*
- Pidgeon, A. M., N. Politi, L. Rivera, S. Martinuzzi, V. C. Radeloff, E. M. O. Silveira, A. Olah, L. Lizarraga, and G. Martinez-Pastur. 2023. Modeling endangered species' forest habitats, and updating forest land use plans in Argentina in support of the UN Sustainable Development Goals. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, May 8-11, 2023, College Park, Maryland.*
- Radeloff, V. C., D. Liu, E. Silveira, E. Razenkova, A. M. Pidgeon, N. Coops, D. Gudex-Cross, M. Hobi, and A. Ives. 2023. The Dynamic Habitat Indices from Terra, Aqua, Suomi NPP and JPSS data for biodiversity science and conservation. *NASA MODIS-VIIRS Science Team Meeting, May 1-4, 2023, College Park, Maryland.*
- Radeloff, V. C., E. Silveira, R. Buron, A. Anand, A. M. Pidgeon, B. Zucker, A. Ives, L. Farwell, A. Bar-Massada, N. Coops, and M. Hobi. 2023. Multiple spatial scales, long-term trends, and synchrony of the dynamic habitat indices and bird populations. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, May 8-11, 2023, College Park, Maryland.*
- Rizayeva, A., M. D. Nita, R. Abbasov, A. Aleksanyan, E. Askerov, J. Buchner, A. Babaliyeva, A. Gavashelishvili, N. Kasrae, N. Rogova, S. Sarukhanova, H. Yin, and V. C. Radeloff. 2023. Long-term land cover changes and their effects on wildlife in the Caucasus. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, September 20-22, 2022, College Park, Maryland.*
- Rogova, N., D. Vangeluw, S. Rozenfeld, A. M. Pidgeon, and V. C. Radeloff. 2023. Fire dynamics in Kazakhstan's steppes and abandoned croplands from 1989 to 2020. *NASA Land Cover and Land Use Change Science Team Meeting, September 20-22, 2022, College Park, Maryland.*
- Schug, F., A. Bar-Massada, A. R. Carlson, H. Cox, T. J. Hawbaker, D. Helmers, P. Hostert, D. Kaim, N. K. Kasraee, S. Martinuzzi, M. H. Mockrin, K. A. Pfoch, and V. C. Radeloff. 2023. The global wildland-urban interface and wildfires near people. *NASA Land Cover and Land Use Change Science Team Meeting, September 20-22, 2022, College Park, Maryland.*

2022

- Olah, A., V. Radeloff, E. M. O. Silveira, S. Martinuzzi, G. J. Martinez Pastur, N. Politi, L. Rivera, and A. M. Pidgeon. 2022. Predictive species distribution models from remotely sensed vs. traditional variables. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, September 20-22, 2022, College Park, Maryland.*
- Pidgeon, A., N. Politi, L. Rivera, S. Martinuzzi, V. Radeloff, E. M. O. Silveira, A. Olah, L. Lizarraga, and G. J. Martinez Pastur. 2022. Modeling endangered species' forest habitats, and updating forest land use plans in Argentina in support of the UN Sustainable Development Goals. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, September 20-22, 2022, College Park, Maryland.*
- Pidgeon, A. M., S. Martinuzzi, N. Politi, L. Rivera, V. C. Radeloff, E. M. O. Silveira, A. Olah, L. Lizarraga, G. Martinez Pastur. 2022. Modeling endangered species' forest habitats, and updating forest land use

- plans in Argentina in support of the UN Sustainable Development Goals. *Pecora Conference 25 October 2022. Denver, Colorado.*
- Pidgeon, A. M., V. C. Radeloff, K. Carroll, P. Elsen, L. Farwell, D. Gudex-Cross, D. Helmers, E. Razenkova, P. Hostert, 2022. Predicting bird biodiversity for the conterminous U.S. with Landsat-derived indices of habitat conditions. *USGS Landsat Science Team Meeting 8 August 2022 Sioux Falls.*
- Radeloff, V. C., E. Silveira, R. Buron, A. Anand, A. M. Pidgeon, B. Zucker, A. Ives, L. Farwell, A. Bar-Massada, N. Coops, and M. Hobi. 2022. Multiple spatial scales, long-term trends, and synchrony of the dynamic habitat indices and bird populations. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, September 20-22, 2022, College Park, Maryland.*
- Radeloff, V. C., D. Liu, E. Silveira, E. Razenkova, A. M. Pidgeon, N. Coops, D. Gudex-Cross, M. Hobi, and A. Ives. 2022. The Dynamic Habitat Indices from Terra, Aqua, Suomi NPP and JPSS data for biodiversity science and conservation. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, September 20-22, 2022, College Park, Maryland.*
- Radeloff, V. C., F. Schug, A. Carlson, H. Cox, N. Kasraee, K. Pfoch, S. Martinuzzi, A. Bar-Massada, T. Hawbaker, D. Kaim, and M. Mockrin. 2022. Global hotspots of the Wildland Urban Interface. *NASA Land Cover and Land Use Change Science Team Meeting, October 18-20, 2022, Bethesda, Maryland.*
- Radeloff, V. C., A. R. Ives. 2022. Statistical inference for trends in spatiotemporal data. *US Forest Service Rocky Mountain Research Station – Inventory and Monitoring, invited online seminar, January 14th 2022.*
- Radeloff, V. C., A. R. Ives. 2022. Statistical inference for trends in spatiotemporal data. *USGS Geosciences and Environmental Change Center, invited online seminar, January 21st 2022.*
- Radeloff, V. C., A. R. Ives. 2022. Problems with significance tests in global change studies. *Union of Concerned Scientists, invited online seminar, February 18th 2022.*
- Radeloff, V. C., A. R. Ives. 2022. Statistical inference for trends in spatiotemporal data. *US Department of Agriculture, Agricultural Research Service, invited online seminar, February 29th 2022.*
- Radeloff, V. C., A. R. Ives, L. Zhu, F. Wang, J. Zhu, and C. Morrow. 2022. Analyses of trends in time-series of satellite data. *Goddard Space Flight Center, Earth Science Division, invited online seminar, April 28th, 2022.*
- Radeloff, V. C., A. R. Ives, L. Zhu, F. Wang, J. Zhu, and C. Morrow. 2022. Analyses of trends in time-series of satellite data. *Jet Propulsion Laboratory, invited online seminar, July 11th 2022.*
- Radeloff, V. C., A. R. Ives, L. Zhu, F. Wang, J. Zhu, and C. Morrow. 2022. Analyses of trends in time-series of satellite data. *UW-Madison, Department of Forest and Wildlife Ecology, seminar, Sep 30th 2022.*
- Rogova, N., D. Vangeluw, S. Rozenfeld, A. M. Pidgeon, and V. C. Radeloff. 2022. Assessment of Bewick's Swan (*Cygnus columbianus bewickii*) distribution in Eurasian steppe during their spring migration. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, September 20-22, 2022, College Park, Maryland.*
- Xu, J., K. Coleman, V. Radeloff, M. Songer, and Q. Huang. 2022. Modeling worldwide tree biodiversity using canopy structure metrics from Global Ecosystem Dynamics Investigation (GEDI) data. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, September 20-22, 2022, College Park, Maryland.*
- Zmina, S., V. Radeloff, G. Reygondeau, K. Oremus, and M. Oliver. 2022. Testing energy biodiversity theories on marine species. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, September 20-22, 2022, College Park, Maryland.*
- Zuckerberg, B., S. R. Keyser, D. Gudex-Cross, D. Fink, J. N. Pauli, M. Rubenstein, and V. C. Radeloff. 2022. Applying sustainable development goals to the conservation of winter environments and cold-adapted species in a warming world. *NASA Biodiversity and Ecological Forecasting Science Team Meeting, September 20-22, 2022, College Park, Maryland.*

2021

- ★ Carlson, A. R., M. E. Seabasky, M. P. Peters, and V. C. Radeloff. 2021. Modeling small wildfire hazard in the Northeast U.S. *Northeast-Midwest Forest Fire Supervisors Committee Meeting, June 17, 2021*.
- Radeloff, V. C., E. Silveira, A. M. Pidgeon, B. Zuckerberg, L. Farwell, A. Bar-Massada, N. Coops, M. Hobi, and A. R. Ives. 2021. Multi-scale DHIs and bird biodiversity. *NASA Biodiversity Science Team Meeting, October 19 2021*.
- Radeloff, V. C., A. M. Pidgeon, N. C. Coops, M. Hobi, A. R. Ives, D. Gudex-Cross, and E. Silveira. 2021. The DHIs from Terra, Aqua, Suomi NPP and JPSS. *NASA Biodiversity Science Team Meeting, October 19 2021*.
- Radeloff, V. C., J. Buchner, M. Baumann, V. Butsic, and H. Yin. 2021. The effects of the four post-soviet wars in the Caucasus on agricultural abandonment. *Virtual presentation in the NASA Land-Cover and Land-Use Change Program Webinar series, November 11 2021*.
- Radeloff, V. C., J. Buchner, V. Butsic, K. Lewinska, M. Nita, A. Rizayeva, H. Yin, E. Askerov, T. Bakuradze, E. Bragina, N. Elizbarashvili, D. Frantz, G. Ghambashidze, A. Komarova, T. Kuemmerle, R. Mammadov, H. Sayadyan, B. Tan, B. Tepanosya, and N. Zazanashvili. 2021. Long-term land degradation in the Caucasus. *Virtual presentation in the NASA Land-Cover and Land-Use Change Program Webinar series, March 11 2021*.
- Radeloff V. C., and A. R. Ives. 2021. Statistical inference for trends in spatiotemporal data. *Virtual seminar at the Geography Department of the Humboldt Universität, Berlin, of Environmental Remote Sensing & Geoinformatic, November 24 2021*.
- Radeloff V. C., and A. R. Ives. 2021. Statistical inference for trends in spatiotemporal data. *Virtual seminar at the Universität Trier, Department of Environmental Remote Sensing & Geoinformatic, December 8 2021*.

2020

- ★ Carlson, A.R., D.P. Helmers, T.J. Hawbaker, M.H. Mockrin, and V.C. Radeloff. 2020. Modeling small wildfire hazard in the Northeast U.S. *Northeast-Midwest Forest Fire Supervisors Committee Meeting, June 16-18, 2020, Virtual Conference*.
- Radeloff, V. C., H. Yin, P. Hostert, and P. Griffiths. 2020. Mapping abandonment with Landsat and Sentinel-2 data. *USGS Landsat Science Team Meeting, February 5-7 2020, Phoenix, Arizona*.
- Radeloff, V. C., K. Carroll, P. Elsen, L. Farwell, D. Gudex-Cross, D. Helmers, E. Razenkova, and A. Pidgeon. 2020. Landsat data for biodiversity science and conservation. *USGS Landsat Science Team Meeting Online Seminar Series, October 7 2020*.
- Radeloff, V. C., N. Rogova, H. Yin, P. Hostert, and P. Griffiths. 2020. Monitoring the dynamics of abandoned agriculture, fallow fields, and grasslands. *NASA LCLUC/MuSLI Science Team Meeting, October 19-21 2020, Virtual Conference*.
- ★ Sutheimer, C.M., J. Meunier, E. Rebtizke, S. Hotchkiss, and V.C. Radeloff. 2020. Ecosystem departure and fire history analysis of peatlands in the Great Lakes Region. *Annual Forest Leadership Team meeting for the Hiawatha National Forest, February 11 2020, Gladstone, Michigan*.
- ★ Sutheimer, C.M., J. Meunier, E. Rebtizke, S. Hotchkiss, and V.C. Radeloff. 2020. Ecosystem departure and fire history analysis of peatlands in the Great Lakes Region. *Annual Forest Leadership Team meeting for the Ottawa National Forest, February 12 2020, Ironwood, Michigan*.
- ★ Sutheimer, C.M., J. Meunier, E. Rebtizke, S. Hotchkiss, and V.C. Radeloff. 2020. Reconstructing fire history in peatlands and the Great Lakes. *Annual Meeting of the Great Lakes Indian Forest and Wildlife Commission, November 4 2020, Virtual Conference*.

2019

- Pidgeon, A. M., S. Martinuzzi, P. Elsen, N. Politi, L. Rivera, L. R. Lizarraga, G. Martinez Pastur, and V. S. Radeloff. 2019. Modeling endangered species' forest habitats, and updating forest land use plans in

- Argentina in support of the UN Sustainable Development Goals. *NASA Biodiversity Science Team Meeting, May 21-23, 2019, Washington, DC.*
- Radeloff, V. C., H. Yin, J. Buchner, K. E. Lewinska, S. Spawn, E. Razenkova, A. Rizayeva, N. Rogoba, P. Hostert, and P. Griffiths. 2019. Monitoring the dynamics of abandoned agriculture, fallow fields and grasslands. *NASA LCLUC Spring Science Team Meeting, April 9-11, 2019, Rockville, Maryland.*
- Radeloff, V. C., J. Buchner, K. E. Lewinska, A. Rizayeva, H. Yin, V. Butsic, M. D Nita, G. Ghambashidze, H. Sayadyan, N. Elizbarashvili, R. Mammadov, and T. Kuemmerle. 2019. Long-term land degradation in the Caucasus. *NASA LCLUC Spring Science Team Meeting, April 9-11, 2019, Rockville, Maryland.*
- Radeloff, V. C., P. Elsen, L. Farwell, D. Gudex-Cross, E. Razenkova, A. M. Pidgeon, and P. Hostert. 2019. Landsat data for biodiversity science and conservation. *Landsat Science Team Meeting, June 19-21, 2019, USGS EROS Data Center, Sioux Falls, SD.*
- Radeloff, V. C., L. Farwell, D. Gudex-Cross, D. Helmers, A. Ives, A. Pidgeon, E. Razenkova, L. Zhu, N. Coops, D. Oliver. 2019. Developing and testing the Dynamic Habitat Indices from MODIS for biodiversity and conservation science. *NASA Biodiversity Science Team Meeting, May 21-23, 2019, Washington, DC.*
- Zuckerberg, B. J. Pauli, D. Fink, D. Gudex-Cross, M. Rubenstein. S. Carter, and V. Radeloff. 2019. Applying sustainable development goals to the conservation of winter environments and cold-adapted species in a warming world. *NASA Biodiversity Science Team Meeting, May 21-23, 2019, Washington, DC.*

2018

- Ives, A. R., J. P. Harmon, K. M. Oliver, and V. C. Radeloff. 2018. The role of taxonomic, functional, genetic and landscape diversity in food web responses to a changing environment. *The NASA Biodiversity Science Team Meeting, April 24-26 2018, Washington, DC.*
- Radeloff, V. C., and M. Mockrin. 2018. Housing growth from 1940-2050. *US Forest Service Regional Planning and Assessment Meeting, April 16 2018, Ft Collins, Colorado.*
- Radeloff, V. C., and M. Mockrin. 2018. Housing economics and the Wildland Urban Interface in the US. *US Forest Service Product Laboratory, September 11 2018, Madison, Wisconsin.*
- Radeloff, V. C., H. Yin, P. Hostert, and P. Griffiths. 2018. Monitoring the dynamics of abandoned agriculture, fallow fields and grasslands with Harmonized Landsat and Sentinel-2 Data. *NASA LCLUC Spring Science Team Meeting, April 3-5 2018, Gaithersburg, Maryland.*
- Radeloff, V. C., V. Butsic, M. D Nita, G. Ghambashidze, H. Sayadyan, N. Elizbarashvili, R. Mammadov, and T. Kuemmerle. 2018. Long-term land degradation in the Caucasus. *NASA LCLUC Spring Science Team Meeting, April 3-5 2018, Gaithersburg, Maryland.*
- Radeloff, V. C., A. M. Pidgeon, and P. Hostert. 2018. Landsat data for biodiversity science and conservation. *Landsat Science Team Meeting, February 21-22 2018, USGS EROS Data Center, Sioux Falls, South Dakota.*
- Radeloff, V. C., H. Yin, B. Tan, and D. Frantz. 2018. Topographic correction of Landsat imagery in the Caucasus Mountains. *USGS-NASA Landsat Science Team Meeting, August 8-10 2018, Boulder, Colorado.*
- Radeloff, V. C., M. Dubinin, M. Hobi, A. Ives, A. Pidgeon, E. Razenkova, N. Suttidate, L. Zhu, A. Allen, B. Borisov, T. Brooks, N. Coops, C. Graham, D. Koselov, and G. Rapacciolo. 2018. Developing and testing the Dynamic Habitat Indices from MODIS for biodiversity and conservation science. *The NASA Biodiversity Science Team Meeting, April 24-26 2018, Washington, DC.*

2017

- Ives, A. R., J. P. Harmon, K. M. Oliver, and V. C. Radeloff. 2017. The role of taxonomic, functional, genetic and landscape diversity in food web responses to a changing environment. *The NASA Biodiversity Science Team Meeting, May 23-25 2017, Washington, DC.*
- McCabe, J.D., J. Cruz, H. Yin, V. Radeloff, A. Pidgeon, D.N. Bonter, and B. Zuckerberg. 2017. Re-wilding urban environments: Studying the environmental context and ecological consequences of returning avian predators. *The NASA Biodiversity Science Team Meeting, May 23-25 2017, Washington, DC.*
- Radeloff, V. C., M. Hobi, M. Dubinin, E. Razenkova, and L. Zhu. 2017. Testing the Dynamic Habitat Indices from MODIS for biodiversity and conservation science. *The NASA Biodiversity Science Team Meeting, May 23-25 2017, Washington, DC.*
- Radeloff, V. C. 2017. Land use change in the Caucasus Mountains due to ethnic differences, national policies, and armed conflicts. *NASA Land-Cover/ Land-Use Change Program Science Team Meeting, April 12-13 2017, Rockville, Maryland.*
- Radeloff, V. C. and V. Butsic. 2017. Invited Keynote: Structural transformation, increasing returns to scale and land use change - or a proposal for a unified land use theory. *NASA Land-Cover/ Land-Use Change Program Science Team Meeting, April 12-13 2017, Rockville, Maryland.*
- ★Zhu, L., V. C. Radeloff, and A. R. Ives. 2017. Global response of the duration of frozen ground with and without snow cover to climate change. *The NASA Biodiversity Science Team Meeting, May 23-25 2017, Washington, DC.*
- Zuckerberg, B., J.D. McCabe, H. Yin, J. Cruz, A. Pidgeon, D. Bonter, and V. Radeloff. 2017. Re-wilding urban environments: The environmental context and ecological consequences of returning avian predators. *The NASA Biodiversity Science Team Meeting, May 23-25 2017, Washington, DC.*

2016

- Heglund, P., A. Pidgeon, R. Akcakaya, T. Albright, A. Allstadt, B. Bateman, C. Flather, J. Gorzo, W. Thogmartin, S. Vavrus, A. Venegas, and V. C. Radeloff. 2016. Effects of extreme climate events on avian demographics. *The NASA Biodiversity Science Team Meeting, May 4-6 2016, Silver Springs, Maryland.*
- ★Hobi, M., A. M. Pidgeon and V. C. Radeloff. 2016. The Dynamic Habitat Indices based on MODIS as predictors of avian species richness. *The NASA Biodiversity Science Team Meeting, May 4-6 2016, Silver Springs, Maryland.*
- Ives, A. R., J. P. Harmon, K. M. Oliver, and V. C. Radeloff. 2016. Landscape diversity, food-web interactions, and the rapid evolution of pea aphids to parasitism. *The NASA Biodiversity Science Team Meeting, May 4-6 2016, Silver Springs, Maryland.*
- Radeloff, V. C., N. Suttodate, B. Borisov, T. M. Brooks, M. Clayton, N. C. Coops, C. Graham, T. Ives, T. Kuemmerle, A. M. Pidgeon, and C. Rondinini. 2016. Developing and testing the Dynamic Habitat Index from Terra and Aqua MODIS data for biodiversity and conservation science. *The NASA Biodiversity Science Team Meeting, May 4-6 2016, Silver Springs, Maryland.*
- Radeloff, V. C., N. Suttodate, B. Borisov, T. M. Brooks, M. Clayton, N. C. Coops, C. Graham, T. Ives, T. Kuemmerle, A. M. Pidgeon, and C. Rondinini. 2016. Testing the Dynamic Habitat Index with MODIS. *The NASA MODIS/VIIRS Science Team Meeting, June 6-10 2017, Silver Springs, Maryland.*
- ★Zhu, L., V. C. Radeloff, and A. R. Ives. 2016. Combining satellite-derived snow cover and freeze/thaw data to characterize global patterns of frozen ground with and without snow cover. *The NASA Biodiversity Science Team Meeting, May 4-6 2016, Silver Springs, Maryland.*

2015

- Heglund, P., A. Pidgeon, R. Akcakaya, T. Albright, A. Allstadt, B. Bateman, C. Flather, J. Gorzo, W. Thogmartin, S. Vavrus, A. Venegas, and V. C. Radeloff. 2015. Effects of extreme climate events on

avian demographics. *The NASA Biodiversity Science Team Meeting, 20-24 April 2015, College Park, Maryland.*

Ives, A. R., V. C. Radeloff, K. M. Oliver, and J. P. Harmon. The role of taxonomic, functional, genetic, and landscape diversity in food web responses to a changing environment. *The NASA Biodiversity Science Team Meeting, 20-24 April 2015, College Park, Maryland.*

★ Munteanu, C., and V. C. Radeloff. 2015. Legacies of 19th century affect contemporary land cover, SCERIN-3 Capacity Building Workshop, 13-18 July, 2015, Braşov, Romania.

Radeloff, V. C. 2015. Legacies of 19th century affect contemporary land cover, SCERIN-3 Capacity Building Workshop, 13-18 July, 2015, Braşov, Romania.

Radeloff, V. C. 2015. Keynote lecture: Land use and land cover change and effects on biodiversity. *The NASA Carbon Cycle & Ecosystems Joint Science Workshop, 20-24 April 2015, College Park, Maryland.*

Radeloff, V. C., N. Suttodate, B. Borisov, T. M. Brooks, M. Clayton, N. C. Coops, C. Graham, T. Ives, T. Kuemmerle, A. M. Pidgeon, and C. Rondinini. 2015. Developing and testing the Dynamic Habitat Index from Terra and Aqua MODIS data for biodiversity and conservation science. *The NASA Biodiversity Science Team Meeting, 20-24 April 2015, College Park, Maryland.*

2014

Baumann, M., M. Ozdogan, V. C. Radeloff, P. Hostert, and T. Kuemmerle. 2014. Generating Landsat green-leaf phenology using Dynamic Time Warping and all available Landsat data. *Sentinel-2 for Science Workshop. 20-22 May 2014. Frascati, Italy.*

Hostert, P., S. Estel, C. Alcantara, T. Kuemmerle, D. Pflugmacher, A. Prishchepov, and V. C., Radeloff. 2014. Land abandonment and recultivation in Central and Eastern Europe. *International LCLUC Regional Science Meeting in Central Europe. 16-22 October 2014, Sopron, Hungary.*

★ Munteanu, C., T. Kuemmerle, M. Boltziar, U. Gimmi, L. Halada, D. Kaim, G. Kiraly, A. Konkoly-Gyuro, J. Kozak, K. Kysucka, J. Lieskovsky, M. Mojses, D. Mueller, K. Ostafin, K. Ostapowicz, O. Shandra, and V. C. Radeloff. 2014. LCLUC in the Carpathians during the last 200 years: Determinants of change and land use legacies. *International LCLUC Regional Science Meeting in Central Europe. 16-22 October 2014, Sopron, Hungary.*

Pidgeon, A. M., and V. C. Radeloff. 2014. Conservation: it's about time. *Invited Lecture at the Headquarters of the Wildlife Conservation Society, 4 August 2014, Bronx, New York.*

Radeloff, V. C., et al.. 2014. Synthesis of studies on institutional change and LCLUC effects on carbon, biodiversity, and agriculture after the collapse of the Soviet Union. *NASA Land-Cover/ Land-Use Change Program Science Team Meeting. 24 April 2014, Rockville, Maryland.*

Radeloff, V. C., et al.. 2014. Land Cover and Land Use Change in Eastern Europe. *International LCLUC Regional Science Meeting in Central Europe. 16-22 October 2014, Sopron, Hungary.*

2013

★ Bateman, B. L., A. M. Pidgeon, V. C. Radeloff, A. J. Allstadt, H. R. Akcakaya, W. E. Thogmartin, S. J. Vavrus, and P. J. Heglund. Relevance of extreme events for breeding birds. Coping with extreme weather and climate change: Management strategies for the Upper Midwest Workshop. *USFWS/UW Madison joint workshop. 20-21 November 2013. LaCrosse, Wisconsin USA.*

★ Bragina, E. V., A. R. Ives, A. M. Pidgeon, T. Kuemmerle, L. M. Baskin, M. Piquer-Rodriguez, N. S. Keuler, and V. C. Radeloff. Population trends of main game mammals before and after the collapse of the socialism. *NASA project meeting 'Synthesis of studies on institutional change and LCLUC effects on carbon, biodiversity, and agriculture after the collapse of the Soviet Union'. 5-6 March 2013, Krakow, Poland.*

★ Bragina, E. V., A. Sieber, T. Kuemmerle, P. Potapov, S. Turubanova, A. Tyuakavina, M. Hansen, M. Baumann, A. M. Pidgeon, K. J. Wendland, A. V. Prishchepov, A. R. Ives, N. Keuler, L. M. Baskin,

- and V. C. Radeloff. Land use change after the collapse of the Soviet Union and its effects on protected areas and large mammal populations. *NASA Land-Cover/ Land-Use Change Program Science Team Meeting. 2-4 April 2013, Rockville, Maryland.*
- ★ Bragina, E. V., A. R. Ives, A. M. Pidgeon, T. Kuemmerle, L. M. Baskin, M. Piquer-Rodriguez, N. S. Keuler, and V. C. Radeloff. Decrease of game mammal populations after Soviet Union collapse. *Guest lecture, St. Cloud State University, 19 April 2013, St. Cloud, Minnesota.*
- Kraemer, R. A. V. Prishchepov, D. Mueller, T. Kuemmerle, A. Terekhov, V. C. Radeloff, and M. Fruehauf. Patterns of socialist abandonment on the fields that were ploughed during the Soviet Virgin Lands campaign in Northern Kazakhstan. *NASA Land-Cover/ Land-Use Change Program Science Team Meeting, 7-15 November 2013, Tashkent, Uzbekistan.*
- ★ Munteanu, C., V. C. Radeloff, T. Kuemmerle, P. Potapov, M. Baumann, P. Griffiths, C. Alcantara, E. Bragina, P. Culbert. Broad scale LCLUC in Eastern Europe: patterns, drivers and effects. *NASA Land-Cover/ Land Use Change Program and SCERIN Research Network Meeting, 17-21 July 2013, Prague, Czech Republic.*
- ★ Munteanu, C., T. Kuemmerle, J. Kozak, L. Halada, U. Gimmi, G. Kiraly, E. Konkoly-Gyuro, D. Kaim, K. Ostapowicz, K. Ostafin, J. Lieskovsky, M. Boltizar, O. Shandra, P. Stych, P. Griffiths, D. Mueller, J. Alix-Garcia, S. Walker, and V. C. Radeloff. 250 years of land use history in the Carpathian Region. *NASA Land-Cover/ Land-Use Change Program Science Team Meeting. 2-4 April 2013 Rockville, Maryland.*
- ★ Pidgeon, A.M., P. Heglund, V. C. Radeloff, A. Allstadt, R. Akcakaya, W. Thogmartin, T. P. Albright, S. J. Vavrus, C. H. Flather, B. Bateman, J. Gorzo. The effects of extreme climate events on avian demographics: the role of habitat refugia in mitigating climate change effects. *NASA Biodiversity Science Team Meeting 3-5 April 2013.*
- ★ Radeloff, V. C., M. Ozdogan, J. Alix-Garcia, S. Gehlbach, A. M. Pidgeon, P. Potapov, M. Hansen, C. E. Woodcock, P. Olofsson, K. de Beurs, G. Ioffe, T. Kuemmerle, P. Hostert, C. Alcantara, M. Baumann, E. Bragina, V. Butsic, M. Dubinin, P. Griffith, J. Knorn, T. Kuemmerle, M. Main, C. Munteanu, A. Prishchepov, A. Sieber, S. Walker, K. Wendland, D. Aksenov, L. Baskin, O. Chaskovskyy, V. Gancz, U. Gimmi, L. Halada, W. Keeton, R. Kennedy, J. Kozak, I. Kruhlov, E. Ziolkowska, A. Lushchekina, D. Mueller, K. Ostapowicz, K. Perzanowski, A. Rabe, F. Schierhorn, T. Sipko. *Synthesis of studies on institutional change and LCLUC effects on carbon, biodiversity, and agriculture after the collapse of the Soviet Union. NASA Land-Cover/ Land-Use Change Program Science Team Meeting. 2-4 April 2013, Rockville, Maryland.*
- ★ Ramirez-Reyes, C. G. Aronson, E. J. Duerr, and V. C. Radeloff. Monitoring deforestation to evaluate Mexico's payments for ecosystem services and assess land use change effects on jaguar habitat. *NASA Land-Cover/ Land-Use Change Program Science Team Meeting. 2-4 April 2013 Rockville, Maryland.*

2012

- ★ Aronson, G., V. C. Radeloff, M. Ozdogan, and M. Baumann. A comparison of Landsat TM/ETM+ cloud detection algorithms. *NASA Land-Cover/Land-Use Change (LCLUC) Spring Science Team Meeting, 3-5 April 2012, Rockville, Maryland.*
- ★ Bateman, B. L., A. M. Pidgeon, E. M. Wood, S. Vavrus, C. H. Flather, T. P. Albright, and V. C. Radeloff. Correspondence between forecasted climate space for birds and protected areas. *USFWS Region 3 Regional Planning Workshop. 1 November 2012. Chaska, Minnesota.*
- ★ Bateman, B. L., A. M. Pidgeon, E. M. Wood, S. Vavrus, C. H. Flather, T. P. Albright, and V. C. Radeloff. Correspondence between forecasted climate space for birds and protected areas. *USFWS National Planning Workshop December 6 2012. Fort Collins, Colorado.*

- ★ Carter, S.K., A. M. Pidgeon and V. C. Radeloff. Tools for thinking about conservation priorities and strategies in Wisconsin. *Wisconsin Department of Natural Resources, Southern Forests Committee, September 24, 2012, Madison, Wisconsin.*
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1997

Radeloff, V. C. 1997. Landscape ecology research in the Pine Barrens. *Pine Barrens Cooperators Meeting. Wisconsin Department of Natural Resources, 26 March 1997, Hayward, WI.*

Radeloff, V. C. 1997. Research on jack pine budworm. *Annual Meeting of the Forest Pest Management Personnel. Wisconsin Department of Natural Resources, 28-29 January 1997, Fitchburg, WI.*

1996

Radeloff, V. C. 1996. Landscape ecology analysis of the NW-Wisconsin Pine Barrens. *Shaping a future for forestry. Annual fall meeting of the Society of American Foresters, Wisconsin Chapter, 21-23 October 1996, Devils Head, WI.*

ADVISING

POSTDOCTORAL FELLOWS

32. Schug, Franz	2022 – present
31. Silveira, Eduarda Martina de Oliveira, co-advised with A. Pidgeon	2019 – present
30. Carroll, Kathleen, co-advised with A. Pidgeon	2020 – 2023
29. Petrunenko, Yuri	2021 – 2023
28. Ruusa, David Mangano	2022
27. Carlson, Amanda	2020 – 2022
26. Gudex-Cross, David	2019 – 2021
25. Lewinska, Katazyna	2018 – 2021
24. Farwell, Laura, co-advised with A. Pidgeon	2018 – 2021
23. Yin, He	2015 – 2020
22. Elsen, Paul, co-advised with A. Pidgeon	2018 – 2019
21. Kramer, Anu	2016 – 2018
20. Rendenieks, Zigmars	2016 – 2017
19. Hobi, Martina, co-advised with A. Pidgeon	2015 – 2017
18. Zhu, Likai	2015 – 2017
17. Allstadt, Andrew, co-advised with A. Pidgeon	2013 – 2016
16. Dubinin, Maxim	2015 – 2016
15. Bateman, Brooke, co-advised with A. Pidgeon	2012 – 2016
14. Bragina, Eugenia, co-advised with A. Pidgeon	2011 – 2015
13. Wood, Eric, co-advised with A. Pidgeon	2011 – 2013
12. Culbert, Patrick, co-advised with T. Kuemmerle	2012 – 2013
11. Martinuzzi, Sebastian	2010 – 2012
10. Bar Massada, Avi	2008 – 2012
9. Neumann, Wiebke	2010 – 2012
8. Polo, Claudia, co-advised with A. Pidgeon	2011 – 2012
7. Kuemmerle, Tobias	2008 – 2010

A * indicates senior authorship by a student or postdoc who I (co-)supervised, a ‡ an international visitor to the SILVIS lab

6. Albright, Thomas P., co-advised with A. Pidgeon	2007 – 2010
5. Beaudry, Frederic, co-advised with A. Pidgeon	2007 – 2010
4. Rittenhouse, Chadwick, co-advised with A. Pidgeon	2007 – 2010
3. Gimmi, Urs	2007 – 2008
2. Syphard, Alexandra	2005 – 2007
1. Lepczyk, Christopher	2003 – 2007

ACADEMIC STAFF

11. Helmers, David, GIS Research Specialist	2007 – present
10. Martinuzzi, Sebastian, Assistant/Associate Scientist/Scientist III	2012 – 2023
9. Schmidt, Shelley, GIS Research Specialist	2005 – 2017
8. Keuler, Nick, Statistician	2006 – 2014
7. Aronson, Glen, Remote Sensing Specialist	2011 – 2013
6. Emily Duerr, GIS Research Specialist	2011 – 2013
5. Holcomb, Sherry, GIS Research Specialist	2001 – 2006
4. McKeefry, Jason, GIS Research Specialist	2003 – 2005
3. Hawbaker, Todd, GIS Research Specialist	2003 – 2004
2. Stoltman, Andrew, Database Research Specialist	2003 – 2004
1. Treves, Adrian, Research Scientist	2002 – 2003

Ph.D. GRADUATE STUDENTS

38. Deka, Jyotish, Ph.D.	2023 – present
37. Maleko, Philipp, Ph.D., co-advised with A. Pidgeon	2023 – present
36. Shchur, Alexander, Ph.D.	2023 – present
35. Kirilyuk, Anastasia, Ph.D.	2022 – present
34. Cox, Heather, Ph.D.	2022 – present
33. Anand, Akash, Ph.D.	2021 – present
32. Liu, Duanyang, Ph.D.	2021 – present
31. Pfoch, Kira, Ph.D.	2021 – present
30. Nasanbat, Elbegjargal, Ph.D.	2021 – present
29. Stephens, Connor, Ph.D.	2020 – present
28. Olah, Ashley, Ph.D., co-advised with A. Pidgeon	2019 – present
27. Rogova, Natalia, Ph.D.	2018 – present
26. Rizayeva, Afag, Ph.D.	2018 – 2023
25. Razenkova, Elena, Ph.D., co-advised with A. Pidgeon	2018 – 2023
24. Buchner, Johanna, Ph.D.	2015 – 2020
<i>“Evaluation of riparian forest as provider of habitat connectivity for forest fauna and the broad-scale landscape”</i>	
23. Kimambo, Niwaeli, Ph.D., co-advised with L. Naughton	2017 – 2020
<i>“Extent, patterns, and drivers of smallholder woodlots in Tanzania”</i>	
22. Guzman, Diana, Ph.D., co-advised with A. Pidgeon	2013 – 2020
<i>“Characterizing the ecological network of Puerto Rico: The role of landscape connectivity and land use on the distribution and genetic structure of the small Indian mongoose (Herpestes auropunctatus)”</i>	

21. Rojas-Viada, Isabel, Ph.D., co-advised with A. Pidgeon 2013 – 2019
“Evaluation of riparian forest as provider of habitat connectivity for forest fauna and the broad-scale landscape”
20. Turlej, Konrad, Ph.D. 2014 – 2018
“Mapping forest types and tree species in temperate forests with satellite data from Landsat, Sentinel-2, and MODIS”
19. Gorzo, Jess, Ph.D., co-advised with A. Pidgeon 2012 – 2016
“Grassland bird response to weather in the Central U.S.”
18. Ramirez Reyes, Carlos, Ph.D. 2010 – 2016
“Improving forest fragmentation detection in Mexico, and assess jaguar habitat in Central Mexico”
17. Munteanu, Catalina, Ph.D. 2012 – 2016
“Long-term land use trends and their legacies in the Carpathian Region of Eastern Europe”
16. Suttidate, Napat, Ph.D. 2011 – 2015
“Spatial patterns of primary productivity derived from the Dynamic Habitat Indices predict patterns of species richness and distributions in the tropics”
15. Alexandre, Patricia, Ph.D. 2010 – 2015
“Building Loss to Wildfires in the Wildland Urban Interface in the U.S.”
14. Carter, Sarah, Ph.D., co-advised with A. Pidgeon 2010 – 2014
“Improving conservation effectiveness and addressing the planning-implementation gap: a perspective from Wisconsin”
13. Hamilton, Christopher, Ph.D., co-advised with A. Pidgeon 2010 – 2014
“Scenarios of future land use, open space, and habitat connectivity around the National Wildlife Refuge System and other protected lands”
12. Brandt, Jodi, Ph.D. 2007 – 2012
“Landscape change in southwest China’s Himalayan Mountains: Implications for old-growth forests, alpine meadows, and avian biodiversity”
11. Culbert, Patrick, Ph.D. 2006 – 2012
“Remote Sensing and Avian Biodiversity Patterns in the United States”
10. Wendland, Kelly, Ph.D., co-advised with D. Lewis 2009 – 2011
“Governance of timber harvesting and forest conservation in European Russia: Identifying drivers of legal and illegal resource extraction using spatial panel data”
9. Butsic, Van, Ph.D., co-advised with D. Lewis 2008 – 2011
“Land use and conservation: Causal policy analysis and coupled modeling at the social-ecological interface”
8. Dubinin, Maxim, Ph.D. 2006 – 2010
“Effects of land use change on fire, vegetation and wildlife dynamics in arid grasslands of southern Russia”

7. Alcántara, Pedro Camilo Concepción, Ph.D. 2005 – 2010
“Patterns of land use and land cover change and its consequences for wildlife: agricultural abandonment and brown bears (Ursus arctos) in Eastern Europe”
6. Lesak, Adrian, co-advised with A. Pidgeon 2004 – ABD
5. Sabor, Alexia A., Ph.D. 2002 – 2010
“Evaluating the effects of housing growth on aspects of forest ecology and management”
4. Prishchepov, Alexander, Ph.D. 2005 – 2010
“Land-use and land cover change in times of massive socio-economic changes: Detecting agricultural land abandonment and understanding its drivers in post-Soviet Eastern Europe”
3. St-Louis, Veronique, Ph.D., co-advised with A. Pidgeon 2005 – 2009
“Broad-scale patterns of avian biodiversity in response to habitat heterogeneity in semi-arid landscapes”
2. Gavier Pizarro, Gregorio I. Ph.D. 2004 – 2009
“Understanding the relationship between housing and exotic plant invasions”
1. Hawbaker, Todd, J., Ph.D. 2004 – 2008
“Human-fire interactions and their influence on patterns of fire and fire risk to housing development in the United States”

M.S. GRADUATE STUDENTS

12. Alblooshi, Omar, M.S. 2024 – present
12. With, Paige, M.S. 2023 – present
11. Lather, Emma, M.S., co-advised with A. Pidgeon 2021 – 2023
“Spatial overlap among bird distributions, building disturbance zones, and protected areas in multiple seasons is a conservation concern in the continuous United States”
10. Kasraee, Neda, M.S. 2020 – 2022
“Identifying building locations in the Wildland-Urban Interface with convolutional neural networks”
9. Sutheimer, Colleen, M.S. 2018 – 2021
“Historical fire regimes of the Upper Great Lakes Region: From peatlands to pines”
8. Kozidis, Sofia, M.S., co-advised with B. Zuckerberg 2018 – 2020
“Accipiter hawk occupancy in metropolitan areas driven by avian prey biomass across the United States”
7. Schneidermann, Jennifer, M.S., co-advised with A. Pidgeon 2017 – 2020
“Characterizing habitat associations and the effects of competition on Bald Eagle and Osprey recovery in the conterminous United States and Wisconsin”
6. Black, Kristina, M.S., co-advised with J. Pauli 2015 – 2018
“The Great Lakes Region is a melting pot for vicarian red fox (Vulpes vulpes) populations through natural expansion and fur-farm translocations”
5. Razenkova, Elena, M.S. 2015 – 2017

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“Developing and testing remote sensing indices for explaining animal abundance in Russia”

- | | | |
|----|---|-------------|
| 4. | Olson, Anders, M.S.
<i>“Long-term avian community changes in a fragmented deciduous forest landscape”</i> | 2005 – 2008 |
| 3. | Gonzales-Abraham, Charlotte, M.S.
<i>“Building density and landscape pattern in northern Wisconsin, USA: An interaction of geography, environment, time, and human legacies”</i> | 2002 – 2005 |
| 2. | Hawbaker, Todd J., M.S.
<i>“Road density and landscape pattern in Northern Wisconsin, USA: Present and past perspectives on environmental constraints and social drivers”</i> | 2001 – 2003 |
| 1. | Stoltman, Andrew M., M. S.
<i>“Computer visualization of Wisconsin forests for management and planning: Visualizing the past and the present”</i> | 2001 – 2003 |

Ph.D. GRADUATE STUDENT COMMITTEES

Thompson, Kate, Ph.D., Department of Forest and Wildlife Ecology	2023 – present
You, Hangkai, Ph.D., Department of Forest and Wildlife Ecology	2023 – present
Dong, Dahn-Young, Ph.D., Entomology Department, prelim 2023	2022 – present
Luo, Meng, Ph.D., Department of Forest and Wildlife Ecology, prelim 2023	2022 – present
Keyser, Spencer, Ph.D., Department of Forest and Wildlife Ecology, prelim ‘22	2020 – present
Pershe, Maia, Ph.D., Department of Forest and Wildlife Ecology, prelim ‘22	2020 – present
Ye, Zhiwei, Ph.D., Inst. Env. Studies	2019 – present
Botsch, Jamie, Ph.D., Integrative Biology Department	2019 – 2023
Wegmueller, Sarah, Ph.D., Department of Forest and Wildlife Ecology	2019 – 2023
Merems, Jennifer, Ph.D., Department of Forest and Wildlife Ecology, prelim ‘20	2018 – 2023
Trudeau, Ashley, Ph.D., Integrative Biology Department	2020 – 2022
Schilke, Paul, Ph.D., Department of Forest and Wildlife Ecology	2016 – 2022
Brandao, Amintas, Ph.D., Inst. Env. Studies	2017 – 2022
Mitra, Sarika, Ph.D., Department of Forest and Wildlife Ecology	2017 – 2022
Braziunas, Kristin, Ph.D., Integrative Biology Department	2017 – 2021
Brunk, Kristin, Ph.D., Department of Forest and Wildlife Ecology	2017 – 2021
Thompson, Kimberly, Ph.D., Dep. Forest and Wildlife Ecology	2016 – 2021
Perales, Martin Kousei, Ph.D., Department of Integrative Biology	2017 – 2020
Clare, John, Ph.D., Department of Forest and Wildlife Ecology	2016 – 2020
Jones, Gavin, Ph.D., Department of Forest and Wildlife Ecology	2016 – 2019
Manlick, Phil, Ph.D., Department of Forest and Wildlife Ecology	2016 – 2019
Hardy, Michael, Ph.D., Department of Forest and Wildlife Ecology	2014 – 2018
Garcia, Matt, Ph.D., Department of Forest and Wildlife Ecology	2014 – 2017
Lark, Tyler, Ph.D., Inst. Env. Studies	2014 – 2017
Graves, Rose, Ph.D., Zoology Department	2013 – 2017
Allstad, Amy, Ph.D., Zoology Department	2012 – 2017
Burnham, James, Ph.D., Department of Forest and Wildlife Ecology	2009 – 2017
Henschell, Max, Ph.D., Department of Forest and Wildlife Ecology	2011 – 2016

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Zhang, Yan, Ph.D., Department of Landscape and Urban Planning	2013 – 2016
Qiu, Jiangxiao, Ph.D., Zoology Department	2013 – 2016
Zhao, Na, Ph.D., Department of Agricultural and Applied Economics	2014 – 2015
Walker, Sarah, Ph.D., Department of Agricultural and Applied Economics	2013 – 2015
Johnson, Christopher, Ph.D., Department of Forest and Wildlife Ecology	2012 – 2013
Baumann, Matthias, Ph.D. Department of Forest and Wildlife Ecology	2009 – 2013
Gaines, Hannah, Ph.D., Zoology Department	2009 – 2013
Robinson, Stacie, Ph.D. Department of Forest and Wildlife Ecology	2008 – 2011
Storm, Dan, Ph.D., Department of Wildlife Ecology	2006 – 2011
Wood, Eric, Ph.D., Department of Forest and Wildlife Ecology	2007 – 2011
Mudrak, Erika, Ph.D., Botany Department	2006 – 2010
Simard, Martin, Ph.D., Zoology Department	2005 – 2010
Holland Buck, Margaret, Ph.D., Inst. Env. Studies	2005 – 2009
Morales, Miguel, Ph.D., Inst. Env. Studies	2003 – 2009
Kuhman, Timothy R., Ph.D., Zoology Department	2006 – 2009
Wolter, Peter, Ph.D., Department of Forest and Wildlife Ecology	2004 – 2009
Gibbs, Holly, Ph.D., Inst. Env. Studies	2005 – 2008
Olaf P. Jensen, Ph.D., Zoology Department	2005 – 2007
Albright, Thomas, Ph.D., Zoology Department	2004 – 2007
Forrester, James, Ph.D., Zoology Department	2004 – 2005
Rhemtulla, Jeanine, Ph.D., Department of Forest Ecology and Management	2003 – 2007
Twieten, Michael, Ph.D., Botany Department	2003 – 2007
Mills, Jason E., Ph.D., Botany Department	2003 – 2005
Scheller, Robert, Ph.D., Department of Forest Ecology and Management	2003 – 2004
Rose, Robert, Ph.D., Geography Department	2002 – 2007
Grossmann, Emilie, Ph.D., Department of Forest Ecology and Management	2001 – 2006
Wang, Chuankuan, Ph.D., Department of Forest Ecology and Management	2001 – 2002
Sean Burrows, Ph.D., Department of Forest Ecology and Management	2000 – 2002

M.S. GRADUATE STUDENT COMMITTEES

Candino, Malena, M.S., Department of Forest and Wildlife Ecology	2019 – 2022
Cosby, Olivia, M.S., Nelson Institute for Environmental Studies	2018 – 2020
Pershe, Maia, M.S., Department of Forest and Wildlife Ecology	2017 – 2019
Hannah, Ashley, M.S., Department of Forest and Wildlife Ecology	2015 – 2019
Olson, Lucas, M.S., Department of Forest and Wildlife Ecology	2017 – 2019
Wheeler, Michael, M.S., Department of Forest and Wildlife Ecology	2014 – 2018
Barrow, Lori, M.S., Department of Forest and Wildlife Ecology	2014 – 2016
Kimambo, Niwaeli, M.S., Department of Geography	2015 – 2016
Weisse, Mikaela, M.S., Department of Geography	2014 – 2015
Dunbar, Carpenter, M.S., Department of Forest and Wildlife Ecology	2012 – 2015
Ross, Eric, M.S., Department of Forest and Wildlife Ecology	2012 – 2014
Venegas, Ana Maria, M.S., Department of Forest and Wildlife Ecology	2012 – 2014
Watt, Michael, M.S., Department of Forest and Wildlife Ecology	2009 – 2012
Halpin, Corey, M.S., Department of Forest and Wildlife Ecology	2006 – 2010
Travis, Emilie, M.S., Department of Wildlife Ecology	2006 – 2009

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Lechmaier, Matt, M.S., Department of Wildlife Ecology	2005 – 2008
Serbin, Shawn, M.S., Department of Forest and Wildlife Ecology	2005 – 2007
Hall, Kristin A. L., M.S., Nelson Institute for Environmental Studies	2004 – 2005
Megquier, Aaron, M.S., Nelson Institute for Environmental Studies	2004 – 2005
Ward, Brendan, M.S., Department of Forest Ecology and Management	2003 – 2004
Bush, Terry, M.S., Department of Forest Ecology and Management	2001 – 2003
McKeefry, Jason, M.S., Department of Forest Ecology and Management	2001 – 2002

UNDERGRADUATE STUDENT AWARDS AND HONORS THESES

Morgan, Carli, Honors Thesis	2010
Elmo, Betsy, UW-Madison Holstrom Award for Environmental Studies, and honors thesis	2007
Schott, Kaitlin, UW-Madison Holstrom Award for Environmental Studies	2006
Gritt, John J., CALS Research Station Internship Award	2005
Ridley, Adam, NSF Research Experience for Undergraduates Award	2004
Culbert, Patrick, UW-Madison Holstrom Award for Environmental Studies, and honors thesis	2003

TEACHING

GRADUATE SEMINARS THAT RESULTED IN PEER-REVIEWED JOURNAL ARTICLES

- Farwell, L, A. M. Pidgeon, and V. C. Radeloff. 2020. **Remote Sensing of Habitat**, *Forest and Wildlife Ecology* 875, 1-3 credit graduate seminar, 8 students, Spring semester 2020. Resulting journal article: “Farwell, L., D. Gudex-Cross, I., E. Anise, M. J. Bosch, A. M. Olah, V. C. Radeloff, E. Razenkova, N. Rogova, E. M. O. Silveira, M. M. Smith, and A. M. Pidgeon, *Satellite image texture captures vegetation heterogeneity important for predicting patterns of bird richness. Remote Sensing of Environment*, 253: 112175.”
- Yin, H., and V. C. Radeloff. 2019. **Land Abandonment**, *Forest and Wildlife Ecology* 875, 1-3 credit graduate seminar, 8 students, Spring semester 2018. Resulting journal article: “Yin, H., A. Brandão, J. Buchner, D. Helmers, B. G. Iuliano, N. E. Kimambo, K. E. Lewińska, E. Razenkova, A. Rizayeva, N. Rogova, S. A. Spawn, Y, H, Xie, and V. C. Radeloff. 2020. *Monitoring cropland abandonment with Landsat time series. Remote Sensing of Environment*, 246: 111873.”
- Radeloff, V. C., and J. Williams. 2014. **Novelty in Ecosystems**, *Forest and Wildlife Ecology* 875, 1-3 credit graduate seminar, 11 students, Spring semester 2014. Resulting journal article: “Radeloff, V. C., J. W. Williams, B. L. Bateman, K. D. Burke, S. K. Carter, E. S. Childress, K. J. Cromwell, C. Gratton, A. O. Hasley, B. M. Kraemer, A. W. Latzka, E. Marin-Spiotta, C. D. Meine, S. E. Munoz, T. M. Neeson, A. M. Pidgeon, A. R. Rissman, R. J. Rivera, L. M. Szymanski, and J. Usinowicz. 2015. *The rise of novelty in ecosystems. Ecological Applications*, 25(8): 2051-2068.”

OTHER GRADUATE SEMINARS

- Radeloff, V. C. and A. Ives. 2021. **Statistics for Remote Sensing**, *Forest and Wildlife Ecology* 875, 3 credit graduate seminar resulting in a journal article, 8 students, Spring semester 2022.

- Radeloff, V. C., A.M. Pidgeon, and M. K. Clayton. 2008. **Statistical Modeling for Biodiversity Conservation.** *Forest and Wildlife Ecology 875, a one-credit graduate seminar, 12 students, Fall semester 2008.*
- Radeloff, V. C. 2005, 2006, and 2007. **Biodiversity Conservation and Sustainable Development in China.** *Forest Ecology and Management 375, a one-credit seminar, team-taught, Spring 2005.*
- Radeloff, V. C. 2003. **Remote Sensing of Forest Ecosystems at Global, Landscape, and Local Scales.** *Forest Ecology and Management 875, a one-credit graduate seminar, 8 students, Spring semester 2003.*

IGERT PHD TRAINING PROGRAM SEMINARS

- Radeloff, V. C. 2018. **IGERT Seminar,** *Forest and Wildlife Ecology 875, a one-credit graduate seminar,*
Spring semester 2018, 10 students
Spring semester 2017, 5 students
Spring semester 2012, 12 students
- Radeloff, V. C. **IGERT Writing Seminar,** *Forest and Wildlife Ecology 875, a one-credit graduate seminar.*
Fall semester 2017, 5 students
Spring semester 2015, 13 students
Fall semester 2014, 15 students
Spring semester 2014, 11 students
Fall semester 2014, 16 students (co-taught with F. Pelegri)
Spring semester 2013, 9 students (co-taught with C. Gratton)

UNDERGRADUATE CLASSES

- Radeloff, V. C. **Forest Biometry.** *Forest and Wildlife Ecology 300, a three-credit lecture and one-credit lab at the undergraduate level*
Spring semester 2021. 11 students
Spring semester 2020. 11 students
Spring semester 2019. 19 students
Spring semester 2018. 16 students
Spring semester 2017. 11 students
Spring semester 2016. 22 students
Spring semester 2015. 19 students
Spring semester 2014. 13 students
Spring semester 2013. 16 students
Spring semester 2012. 29 students
Spring semester 2010. 14 students
Spring semester 2009. 10 students
Spring semester 2008. 11 students
Spring semester 2007. 14 students
Spring semester 2006. 11 students

Spring semester 2005. 15 students

Spring semester 2004. 11 students

Spring semester 2003. 10 students

Spring semester 2002. 19 students

Fall semester 2000. 18 students

Radeloff, V. C., A. M. Pidgeon, and E. J. Kruger. **Forest Resources Practicum.** *Forest Ecology and Management 655, a three-credit field course at the undergraduate level*

Summer semester 2021. 14 students

Summer semester 2018. 25 students

Summer semester 2016. 25 students

Summer semester 2014. 22 students

Summer semester 2012. 27 students

Summer semester 2010. 22 students

Summer semester 2008. 23 students

Summer semester 2006. 24 students

Summer semester 2004. 24 students

Summer semester 2002. 27 students

Summer semester 2012. 27 students

Summer semester 2012. 27 students

GUEST LECTURES

Radeloff, V. C. 1999, 2001, 2003. **Landscape restoration.** *Guest lecture in Forest Ecology and Management 565, 'Principles of landscape ecology', University of Wisconsin-Madison.*

Radeloff, V. C. 1999, 2001, 2003. **Remote sensing in landscape ecology.** *Guest lecture in Forestry 565, 'Principles of landscape ecology', University of Wisconsin-Madison.*

Radeloff, V. C. 2001. **Stand mapping and forest inventory design.** *Four guest lectures in Forest Ecology and Management 590, 'Integrated Resource Management', University of Wisconsin-Madison, Fall semester 2001.*

Radeloff, V. C. 1999. **Landscape ecology.** *Guest lecture in Forestry 100, 'Introduction into forestry', University of Wisconsin-Madison.*

PROFESSIONAL ACTIVITIES

MEMBERSHIPS

American Geophysical Union
Ecological Society of America
Society for Conservation Biology

EDITORSHIP

Ecological Applications, associate editor 2008 – 2012

MANUSCRIPT REVIEWS

American Midland Naturalist, Biological Conservation, BioScience, Canadian Journal of Forest Research, Canadian Journal of Remote Sensing, Conservation Biology, Conservation Ecology, Diversity and Distributions, Earth Interactions, Ecography, Ecological Applications, Ecological

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Modelling, Ecology, Ecosystems, Environmental Management, Environmental Monitoring and Assessment, Environmental Research Letters, Forest Ecology and Management, Forest Science, Forestry Chronicle, Global Change Biology, Global Environmental Change, International Journal of Geographic Information Science, Journal of Ornithology, International Journal of Wildland Fire, Journal of Environmental Management, Journal of Land Use Science, Journal of the Torrey Botanical Society, Journal of Vegetation Science, Journal of Wildlife Management, Landscape Ecology, Landscape and Urban Planning, Land Use Policy, Nature Climate Change, Nature Communications, Nature Ecology & Evolution, Nature Food, Nature Geoscience, New Forests, Photogrammetric Engineering & Remote Sensing, Plant Ecology, Population Research and Policy Review, Oikos, PLOS One, Proceedings of the National Academy of Sciences, Remote Sensing of Environment, Restoration Ecology, Society and Natural Resources, Transactions of the Wisconsin Academy of Sciences, Arts and Letters, and Urban Ecosystems

INTERNATIONAL SCIENTISTS HOSTED

S. Shchur, Gebler Ecological Society, Barnaul, Russia	2-4/2013, 10/15-1/2016, 11/22-4/2023
Xu Yi Nam, Deanna, Hong Kong Polytechnic University, China	9/2022-4/2023
A. Affek, Polish Academy of Science, Warsaw, Poland	8-12/2019
M. Nita, Brasov University, Romania	9/2016-2/2017
H. Huong, Tay Nguyen University, Vietnam	4-5/2017
S. Uribe, Universidad de Chile, Chile	8-10/2017
M. Godoy, CONICET, Esquel, Argentina	10/2016-11/2016
A. Allen, Swedish University of Agricultural Science, Umea, Sweden	1-2, 2016
B. Bleyhl, Humboldt University, Berlin, Germany	9-12/2016
D. Kolesov, Kazan State University, Russia	10-11/2015
I. Barton, University of West Hungary, Hungary	1-3/2015
J. Arganaraz, Universidad Nacional de Cordoba, Argentina	10-12/2014
I. Voloshina, Lazovsky Nature Reserve, Russia	2-4/2013
B. Borisov, Russian Academy of Sciences, Yakutsk, Russia	2-4/2013
A. Sieber, Humboldt University, Berlin, Germany	11-12/2009, 2-4/2013
O. Cardenas, Universidad de Guadalajara, Sabbatical visit	9/2010-8/2011
E. Laszczak, Jagiellonian University, Krakow, Poland	7-9/2011
E. Corbelle Rico, University of Santiago de Compostella, Spain	5-6/2010
L. Haomin, Southwest Forestry University, Yunnan, China	2-4/2010
Prof. Dr. L. Baskin, Russian Academy of Science, Moscow, Russia	4/2006, 4-5/2009
D. Rykov, Barnaul, Russia	6-9/2009
M. Baumann, Humboldt University, Berlin, Germany	4-6/2009
W. Neumann, Swedish University of Agricultural Science, Umea, Sweden	9-11, 2008
Prof. P. Hostert, Humboldt University, Berlin, Germany	1999, 2005, 2007, 8-9/2008
J. Knorn, Humboldt University, Berlin, Germany	2007, 4-6/2008
Dr. L. Bellis, Universidad Nacional de Cordoba, Argentina	12/2005-2/2006, 6-9/2007
Dr. A. Lushchekina, Russian Academy of Sciences, Moscow, Russia	2004, 2007
A. St. Louis, Laval University, Canada	11-12/2006
A. Masse, Laval University, Canada	11-12/2006
T. Kuemmerle, Humboldt University, Berlin, Germany	7-9/2005, 9-10/2006

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Dr. E. Tromborg, Prevista Inc., Kongsberg, Norway	2005
Dr. D. Mueller, Humboldt University, Berlin, Germany	2005
Dr. H. Dettki, Swedish University of Agricultural Science, Umea, Sweden	2005
E. Soto, Universitat de Barcelona, Spain	4-6/2005
J. Stoffels, Trier University, Germany	8-9/2002, 10-12/2003
Prof. W. Schroeder, Technical University Munich, Germany	2001
Dr. M. Heiss, Land+Systems Inc., Bremen, Germany	2001

REVIEW PANELS

NASA Interdisciplinary Science (IDS), invited	2023
NASA Land Cover and Land Use Change (LCLUC)	2022
NASA Land Cover and Land Use Change (LCLUC)	2019
NSF PREEVENTS	2017
NASA Climate Indicators	2015
NASA Land Cover and Land Use Change (LCLUC)	2013
NASA Interdisciplinary Science (IDS)	2012
NSF Coupled Natural Human Systems (CNH)	2011
NASA NPP/NPOESS Environmental Data Records	2010
NASA Earth Systems Science Fellowships (ESSF)	2010
NASA New Investigator Program (NIP)	2008
NASA Earth Systems Science Fellowship (ESSF)	2006
NASA EOS	2003

PROPOSAL REVIEWS

Canada Forest Management Network, National Aeronautics and Space Administration, National Fish and Wildlife Foundation, National Geographic Society, National Science Foundation, U.S. Civilian Research & Development Foundation, USDA

TENURE AND PROMOTION REVIEWS

Boston University	2023
Clark University	2023
Michigan State University	2023
University of California, Berkeley	2023
University of California, Santa Barbara	2023
University of Maryland	2023
Wesleyan University	2023
Texas A & M University	2022
University of Connecticut	2022
University of Maryland	2022
University of Vermont	2022
University of California, Berkeley	2021
University of Michigan	2021
Peking University of Life Sciences	2021
George Mason University	2020
University of California, Berkeley	2019
University of Münster, Germany	2019

A * indicates senior authorship by a student or postdoc who I (co-)supervised, a ‡ an international visitor to the SILVIS lab

University of Idaho	2018
Iowa State University	2017
University of Georgia	2016
University of Idaho	2014
University of Maryland	2014
Dalhousie University	2014
Asian Institute of Technology, Bangkok	2014
University of Maryland	2013
Michigan Technological University	2012
Smithsonian	2011
Oregon State University	2007

DEPARTMENTAL COMMITTEES

Mentor committee for J. Raynor, chair	2021 – present
Mentor committee for M. Chen, member	2021 – present
Mentor committee for A. Trowbridge, member	2021 – present
Mentor committee for Z. Burivalova, member	2020 – present
Graduate affairs committee, member	2018 – present
Search committee chair for the faculty position in environmental economics	2021 – 2022
Awards committee, member	2014 – 2021
Seminar committee, member	2011 – 2022
Merit salary committee, member	2017 – 2019
Search committee for the coop faculty position in wildlife diseases	2018 – 2019
Post-tenure review committee for Z. Peery	2018
Mentor committee for Z. Peery, member	2009 – 2014
Mentor committee for M. Ozdogan, member	2007 – 2014
Information technology committee, chair	2006 – 2014
International studies committee	2005 – 2008
Post-tenure review committee for C. Lorimer, chair	2006
Search committee for the faculty position in spatial analysis	2004 – 2005
Post-tenure committee for D. Field	2004
Long range planning committee	2003 – 2006

CAMPUS COMMITTEES

Search committee for the CALS International Director, member,	2015
Mentor committee for A. Schneider, member	2007 – 2014
Graduate School Biological Sciences Research Committee	2009 – 2011
Search committee, Director, Gaylord Nelson Institute for Environmental Studies	2007
CALS Biometry committee, chair	2008 – 2009
CALS Biometry committee, member	2002 – 2008
Steenbock library committee	2001 – 2004
Faculty search committee, cluster hire in global environmental change	2004

MEDIA COVERAGE

- The New York Times***, interviewed for and research featured in the article “America’s new wildfire risk goes beyond forests” by Nadja Popovich 11/9/2023
- ScienceNews***, interviewed for and research featured in the article “Grassland and shrubland fires destroy more U.S. homes than forest fires” by Nikk Ogasa 11/9/2023
- Scientific American***, interviewed for and research featured in the article “Wildfires threaten more homes and people in the U.S. than ever before” by Stephanie Passas 11/9/2023
- Washington Post***, interviewed for and research featured in the article “Maui’s neglected grasslands caused Lahaina fire to grow with deadly speed” by Imogen Piper 9/2/2023
- Wired***, interviewed for and research featured in the article “Americans are moving into danger zones” by Matt Simon 12/8/2022
- The New York Times***, interviewed for and research featured in the article “As wildfires grow, millions of homes are being built in harm’s way” by Nadja Popovich and Brad Plumer 9/9/2022
- Süddeutsche Zeitung***, interviewed for and research featured in the article “Der Schatz der Spione” by Angelika Franz 4/16/2021
- The New York Times***, interviewed for and research featured in the article “It spied on Soviet atomic bombs. Now it’s solving ecological mysteries” by Marion Renault 1/5/2021
- BBC News***, research featured in the article “US West Coast fires: Is Trump right to blame forest management?” 10/14/2020
- CNN***, research featured in the article “Wildfires are increasingly destructive. We need to reevaluate how and where we build our homes” by Alice Hill 10/5/2020
- The New York Times***, research featured in the article “Calamities challenge California’s economic foundation” by Conor Dougherty 10/5/2020
- Outside***, research featured in the article “The future of wildfire fighting is on all of us” by Stephanie May Joyce 10/5/2020
- Daily Mail***, interviewed for and research featured in the article “Wildfire-hit countries in need of new strategies to tame burning threat” by Lauie Goering 1/16/2020
- The New York Times***, research featured in the article “As climate risk grows, cities test a tough strategy: Saying ‘No’ to developers” by Christopher Flavelle and John Schwartz 11/19/2019
- The New York Times***, research featured in the article “It’s the end of California as we know it” by Farhad Manjoo 10/30/2019
- The Atlantic***, research featured in the article “California is becoming unlivable” by Annie Lowrey 10/30/2019
- NBC News***, research featured in the article “Blackouts expose a lack of preparedness against California wildfires, experts say” by Eric Ortiz 10/11/2019
- San Diego Tribune***, research featured in the article “Is California ignoring the science on wildfire-prone housing?” 10/6/2019
- National Public Radio***, research featured in the article “After Paradise, living with fire means redefining resilience” by Eric Westervelt 5/29/2019
- AP News***, research featured in the article “Destined to Burn” by Benjamin Spillman 5/7/2019
- National Public Radio***, interviewed for and research featured in the article “Fire-resistant is not fire-proof, California homeowners discover” by Emily Guerin 12/9/2018

- BuzzFeed**, research featured in the article “Is Your Home At Risk From Wildfire? Check These Maps” by Peter Aldhous 12/6/2018
- The New York Times**, research featured in the article “Americans Are Moving Closer to Nature, and to Fire Danger” by Kendra Pierre-Louis and Jeremy White 11/15/2028
- Scientific American**, interviewed for and research featured in the article “Living on the Edge: Wildfires Pose a Growing Risk to Homes Built Near Wilderness Areas” by Jason Goldman 6/1/2018
- The New York Times**, interviewed and research featured in the article “Housing markets on fire” by Brad Plumer 3/14/2028
- Wired**, interviewed for and research featured in the article “Please stop building houses exactly where wildfires start” by Adam Rogers 3/13/2018
- USA Today**, interviewed for and research featured in the article “Wildfire risk rises with 43 million U.S. homes near land susceptible to blazes” by Doyle Rice 3/12/2018
- Los Angeles Times**, research featured in the article “Why the 2017 fire season has been one of California’s worst” by Priya Krishnakumar and Joe Fox 12/5/2017
- Wall Street Journal**, research featured in the article “Urban damage raises questions about California’s wildfire strategy” by Chris Kirkham and Jim Carlton 10/19/2017
- The Washington Post**, interviewed for and research featured in the article “People love to live in places that are at risk for disasters and this is what happens” by Joel Achenbach and Mark Berman 10/15/2015
- Los Angeles Times**, research featured in the article “Despite clear risks, Santa Rosa neighborhood that burned down as exempt from state fire regulations” by Dough Smith and Nina Agrawal 10/15/2017
- The New York Times**, interviewed and research featured in the article “Minutes to escape: How one California wildfire damaged so much so quickly” by Troy Griggs, Rebecca Lai, Haeyound Park, Jugal Patel, and Jeremy White 10/12/2015
- Wired**, interviewed for and research featured in the article “The West is on Fire. Blame the housing crisis” by Adam Rogers 7/18/2017
- High Country News**, research featured in the article “Wildfires spark where growth is sprawling” by Eric Sagara, Emmanuel Martinez, and Ike Sriskandarajah 10/11/2016
- CBS News**, research featured in the article “Spring could come three weeks early to the U.S.” by Brian Mastroianni 10/15/2015
- The Guardian**, research featured in the article “Spring coming earlier in US because of climate change, scientists say” by Suzanne Goldenberg 10/14/2015
- NBC News**, research featured in the article “Climate change means spring could come three weeks earlier across U.S.” by Matthew DeLuca 10/13/2015
- Washington Post**, research featured in the article “The fall of the Soviet Union made the world more wooded” by Rick Noak 8/7/2015
- Frankfurter Allgemeine Zeitung**, research featured in the article “Die Revolution frisst ihre Hische” by Roland Knauer 2/4/2015
- The Moscow Times**, research featured in the article “Study shows Russian wildlife declined following Soviet collapse” by Anna Dolgov 1/20/2015
- BBC News**, research featured in the article “Soviet Union collapse affected region’s wildlife” by Mark Kinver 1/19/2015

- Science*, research featured in the article “Soviet collapse was bad for wildlife”
by Jennifer Balmer 1/16/2015
- Time*, interviewed for and research featured in the article “Climate change plays a role in
wildfires – but not the only one” by Bryan Walsh 7/9/2012
- New Scientist*, interviewed for and research featured in the article “Fall of the Berlin Wall a hot
moment for conservation” by Peter Aldhous 7/28/2010
- New York Times*, interviewed for and research featured in the article “Off-roaders on federal
lands stir dust and debate in West” by Felicity Barringer and Willam Yardley, Sunday
edition, front-page 12/30/2007
- LA Weekly*, interviewed for and quoted in the article “California fire whisperers”
by C. Pelisek 12/5/2007
- Christian Science Monitor*, interviewed for and quoted in the article “Nation must adapt to
greater wildfire risk” by Peter Spotts 11/1/2007
- LA Weekly*, interviewed for and quoted in the article “Air inferiority – is ‘Run!’ the new strategy
against firestorms on California’s urban fringe” by P. McDonald, and C. Pelisek 11/1/2007
- The Why Files*, interview printed in the article “Up in smoke? Lessons from the California fires”
by David Tenenbaum, http://whyfiles.org/269harms_way/ 11/1/2007
- Milwaukee Public Radio*, interview with Jane Hampden on the Wildland-Urban Interface for the
show “Lake Effect” 10/31/2007
- New York Times*, interviewed for and research featured in the article “Rethinking fire policy in
the tinderbox zone” by Kirk Johnson and provided map data for a graphic, Sunday edition,
front-page, above the fold 10/28/2007
- Time Magazine*, interview for, and quoted twice in the article “The fire this time” by Bryan
Walsh 10/28/2007
- Washington Post*, interviewed for and quoted in the article “Feeling the heat” in the Sunday
Comments section and provided data for a table on housing in the WUI 10/28/2007
- Press Enterprise*, interviewed for, and quoted in the article “This year’s wildfire threat over now?
Not even close” by Duane Gant 10/28/2007
- Wall Street Journal*, interviewed for and quoted in the article “Why wildfires get worse and
worse” by Nick Timiraos, and provided data for graphics on settlement patters 10/27/2007
- Science Daily*, interviewed for and quoted in the article “Housing: location key with
environmentally friendly cluster development” 10/26/2007
- WIBA*, live radio interview with host Mitch Henck on the fires in southern California 10/25/2007
- Chicago Tribune*, interviewed for and quoted in the article “Enormous fires threaten vast swath
of nation” by E. A. Torniero; also published in the *Wisconsin State Journal*, and the *Post-
Bulletin* 10/24/2007
- Sacramento Bee*, interviewed for and quoted in the article “Questions, theories of why this is
happening” by Chris Bowman 10/24/2007
- Associate Press*, interviewed for and quoted in the article “Wildfires burn more aggressively” by
Paul Foy, published among others in *Time magazine*, *Washington Post*, *USA Today*, *The
Albuquerque Tribune*, *ABC News*, *FOX News*, *Guardian*, *Huffington Post* 10/2/2007
- New York Times*, interviewed for and quoted in the article “At your Peril: On fringe of forests,
homes and wildfires meet” by Kirk Johnson, front-page article, above the fold 6/26/2007

- USA Today*, interviewed for and quoted in the article “Houses sprouting in the hotzone” by Brad Heath 5/11/2007
- Washington Post*, interviewed for and quoted in article “As houses rise in the wild, so do fire concerns” by John Pomfret, article also published in the *Houston Chronicle* 10/30/2006
- Illinois Public Radio*, 1-hour live radio show “When people and nature collide” 11/2006
- MSNBC*, quoted in article “American forests getting ‘loved to death’” 8/2005
- Wisconsin Public Radio*, interview “New report on effect of housing growth in North Woods” with Chuck Quirnbach 8/2005
- Milwaukee Journal Sentinel*, interviewed for and quoted in article “Mapping where homes meet habitat” by Susanne Quick 8/2005
- Milwaukee Journal Sentinel*, interviewed for and quoted in article “Houses block forests ‘wild highways’” by Lee Bergquist 8/2005

LEGISLATIVE ACTIVITIES

- Provided background information about the Wildland Urban Interface for staffers of Senator **Diane Feinstein** (California) and commented on a draft of the “Fire-safe communities bill”. Senator Feinstein used our WUI statistics when introducing her bill on the Senate Floor 11/2007
- Provided southern California WUI growth statistics for **Mark Rey**, USDA Undersecretary for Natural Resources and Environment, which he used in his testimony on the Feinstein bill. 11/2007