

Curriculum Vitae Aleksandr Shchur

Full name: Aleksandr Shchur

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Nationality: Russian

Education:

2003 - 2008 – master degree, Faculty of Political Science, Altai State University, Barnaul, Russia

Work experience:

2009 – 2017 – Program Coordinator, NGO “Gebler’s Ecological Society” (656057, Russia, Barnaul, 50 let SSSR str., 8, 72)

- plan and oversee all duties for the "Citizen's control for the forests" direction;
- enforce and uphold environmental laws;
- maintain forest maps and other major landcover maps in GIS (Geographic Information System), used for biodiversity monitoring;
- collect information on wildlife species in protected areas and surroundings;
- member of mobile fire crew;
- conduct environmental education classes (children environmental groups).

2017 - current time - GIS specialist, Remote sensing analyst, NGO “Environmental active core” (656015, Russia, Barnaul, Krasnoarmeiskii pr., 114, 3)

- participate at elaboration of proposals for new protected areas in Altai krai;
- work on rare species distribution modeling;
- conducting master classes for children's environmental groups on the use of GPS-navigators and GIS software for data collection and monitoring rare species;
- maintain forest maps and other major landcover maps in GIS (Geographic Information System), used for biodiversity monitoring;

Additional education and professional experience:

2011 (1 month) - scholar, Society for conservation GIS training program and Esri User Conference (CA, USA)

2012 (10 days) - expert, US-Russia exchange tour to build partnerships and explore local solutions to wildfire prevention and mitigation, USFS (USA)

2013 (3 months) - visiting researcher, Forest disturbance mapping. University of Wisconsin-Madison (USA).

2014 (3 months) - visiting researcher, Forest disturbance mapping. University of Wisconsin-Madison (USA).

2015 (4 months) - visiting researcher, Species distribution modeling. University of Wisconsin-Madison (USA).

Publications:

1. **Shchur A.**, Bragina E., Sieber A., Pidgeon A., Radeloff V. Monitoring selective logging with Landsat satellite imagery reveals that protected forests in Western Siberia experience greater harvest than non-protected forests, *Environmental Conservation Journal*, DOI: <https://doi.org/10.1017/S0376892916000576>
2. Gribkov A., Shirokov Y., **Shchur A.** Gold or river? (In support of Zalesovsky wildlife reserve). 7th International Science Practical Conference "THE RIVERS OF SIBERIA AND THE FAR EAST" Materials, WWF Russia, 2012, pp. 53-57 [In Russian]
3. Gribkov A., **Shchur A.**, Kuzmenckin D. Altai cedar forests under threat problems of protection and use, recommendations on sustainable forest management. Review, WWF Russia, 2014, 64 p. [In Russian]
4. Gribkov A., Kuzmenckin D., L. Nekhorosheva, **Shchur A.** The ways of improvement of Altai krai specially protected natural territories system. Proceedings of Tigireksky State Nature Reserve Vol. 7, 2015, pp. 96-110 [In Russian]
5. **Shchur A.** Forest disturbance mapping in the Ob forests of the Altai krai with using Landsat imagery. Proceedings of the XV conference of young scientists of the IWEP SB RAS "Step into Science", Barnaul, 2015, pp. 83 - 89 [In Russian]
6. Debkov N., Kuzmenckin D., Gribkov A., **Shchur A.** Estimation of condition of cedar forests in the Teletskoye Lake basin. *Sustainable forest management Journal*, 2020, №3 (62), pp. 34-41 [In Russian]
7. Bykov N., Vazhov S., Harms O., Gribkov A, Davydov E., Elesova N., Zyablintseva M., Kosachev P., Kuzmenkin D., Maslova O., Pozhydaeva L., Petrov V., Sabaev A., Smirnova L., Chernykh D., **Shchur A.** Natural conditions of the Salair National Park. Proceedings of Tigireksky State Nature Reserve Vol. 13, 2021, pp. 7-45 [In Russian]

Interest Keywords

biodiversity, conservation, remote sensing, wildfires, ecology, education, forest, mediation, monitoring, protected areas, restoration, rare species, statistics, sustainable development, vegetation, water, wildlife, protected areas.