

## ISABEL M. ROJAS VIADA

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### Education

- 2013-            Ph.D. student, Forest and Wildlife Ecology, University of Wisconsin-Madison
- 2011-2013      M. Sc. Conservation Biology and Sustainable Development  
Nelson Institute for Environmental Studies, University of Wisconsin-Madison
- 2003-2008      Forest Engineer, Pontificia Universidad Católica de Chile  
Department of Agriculture and Forest Sciences
- 2002-2003      Bachelor in Science, Pontificia Universidad Católica de Chile

### Publications

**Rojas, I. M.** and J. B. Zedler. 2015. An invasive exotic grass reduced sedge meadow species richness by half. *Wetlands Ecology and Management* 23:649-663.

Healy, M. T., **I. M. Rojas** and J. B. Zedler. 2015 Adaptive Control of *Phalaris arundinacea* in Curtis Prairie. *Invasive Plant Science and Management* 8:363-373.

Zedler, J. B., J. M. Doherty and **I. M. Rojas**. 2014. Leopold's Arboretum needs upstream water treatment to restore wetlands downstream. *Water* 6:104-121.

Ibarra, J.T., N. Gálvez, A. Gimona, T.A. Altamirano, **I. Rojas**, A. Hester, J. Laker, and C. Bonacic. 2012. Rufous-legged Owl (*Strix rufipes*) and Austral Pygmy Owl (*Glaucidium nanum*) stand use in a gradient of disrupted and old growth Andean temperate forest, Chile. *Studies on Neotropical Fauna and Environment* 47:33-40.

2011. Altamirano, T.A., J.T. Ibarra, F. Hernández, **I. Rojas**, J. Laker and C. Bonacic. Hábitos de nidificación de las aves del bosque templado de Chile (Nesting habits of birds of the Andean temperate forest of Chile). Fondo de Protección Ambiental, Ministerio de Medio Ambiente, Serie Fauna Australis, Pontificia Universidad Católica de Chile, Santiago, Chile. 113 pp. ISBN: 978-956-582-3.

**Rojas, I.**, P. Becerra, N. Gálvez, J. Laker, C. Bonacic and A. Hester. 2011. Relationship between fragmentation, degradation and native and exotic species richness in an Andean temperate forest of Chile. *Gayana Botánica* 68:163-175.

Ibarra, J.T., T. Altamirano, N. Gálvez, **I. Rojas**, J. Laker and C. Bonacic. 2010. Avifauna de los Bosques Templados de Araucaria araucana del sur de Chile (Bird Community of Araucaria araucana Temperate Rainforest). *Ecología Austral* 20:33-45.

## Conference Attendance

2016. **Rojas, IM**, S Martinuzzi, AM Pidgeon and VC Radeloff “Contribution of riparian forest to structural corridors of Chile” Annual meeting US IALE, Asheville, NC.

2013. **Rojas, IM** and J Zedler. “Sedge meadows dominated by reed canary grass are less diverse across spatial scales”, Annual Meeting Society of Wetland Scientist, Duluth, MN.

2008. Altamirano, T., J.T. Ibarra, **I. Rojas** and O. Ohrens. “Composition, seasonality and habitat preferences of birds in the Ligua-Petorca rivermouths wetland”, IX Chilean Congress of Ornithology.

2008. Ibarra, JT., N. Gálvez, O. Ohrens, **I. Rojas**, R. Petitpas, J. Laker and C. Bonacic. “Monitoring of temporal relationships between birds in the primary and anthropogenic forests of Araucania”, IX Chilean Congress of Ornithology.

## Work Experience

2011-2012 Research assistant, Center for Restoration Ecology, Arboretum, University of Wisconsin-Madison. Learning while sustaining biodiversity at the Arboretum and beyond: Citizen storm water runoff monitoring, and elaboration of outreach material.

2008-2011 Wildlife Laboratory Fauna Australis. Department of Agriculture and Forest Engineer. Pontificia Universidad Católica de Chile. Research assistant on following projects:

-Habitat characterization of Burrowing Owl (*Athene cunicularia*), and description of the vegetational communities for “Applied research for the conservation of the Chena and Lonquén hills in central Chile, Mediterranean region, Chile”.

- Richness and abundance of bird community related to habitat structure and altitude, and monitoring amphibians population, morphology and emergent treats, and habitat characterization for *Rhinoderma darwini* for Darwin Initiative Project (Ref: 15006): “Capacity building for temperate rainforest biodiversity conservation”

“ Assessment of IUCN Categories for 41 threatened plants species: data collection, database, and plant categories” Ministry of Environment, Chilean Government.

-“Develop a long term biodiversity conservation strategy for Division Andina”, National Copper Corporation of Chile (CODELCO).

## Volunteer Work

**2005-** Seasonal bird count in the Ligua-Pertorca rivermouth wetland. Part of the monitoring of waterfall bird of Chile, UNORCH (Union Ornithologist of Chile).

## Awards

**2016** “Louis Agassiz Fuertes Research Grant” Wilson Ornithological Society, US.

**2014** “Latin American, Caribbean & Iberian Studies Program Field Research grant” University of Wisconsin Madison.

**2013** Becas Chile, CONICYT. Chilean Government Scholarship for PhD Programs Studies in a foreign country (UW - Madison, USA).

**2012** “Latin American, Caribbean & Iberian Studies Program Field Research grant” University of Wisconsin Madison.

**2011** Becas Chile, CONICYT. Chilean Government Scholarship for Master Programs Studies in a foreign country (UW-Madison, USA).

**2009** Latino American Botany Network (Red Latinoamericana de Botánica) Fellowship: “International Workshop of UICN Categories for Threatened Plants Species”. Tegucigalpa, Honduras.