

**Gabriel Zeballos Castellon**  
**Curriculum Vitae**  
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**Contact**

Department of Geography

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**Education**

2021 Doctor in Philosophy, Geography. The Ohio State University.

2014 Bachelor in Science, Geographical Engineering. Escuela Militar de Ingeniería, Bolivia.

2007 Bachelor in Science, Biology. Universidad Mayor de San Andrés, La Paz, Bolivia.

**Positions**

2016 – 2020 Graduate Teaching Associate. The Ohio State University.

2013 – 2016 GIS Consultant.

2014 – 2016 Adjunct Professor. Escuela Militar de Ingeniería, Bolivia.

**Publications**

Peer-reviewed Journal Articles

2019 K. Yager; C. Valdivia; D. Slayback; Jimenez E.; R. Meneses; Bracho M.; Romero D.; A. Romero; Palabral A.; Hubbard A.; P. Pacheco; A. Calle; H. Alberto; **G. Zeballos**; O. Yana; D. Ulloa. "Socio-ecological dimensions of Andean pastoral landscape change: bridging traditional ecological knowledge and satellite image analysis in Sajama National Park, Bolivia." *Regional Environmental Change* (2019): 1-17.

2017 Mark, B.; Stansell, N.; **Zeballos, G.** The last deglaciation of Peru and Bolivia. *Cuadernos de Investigación Geográfica*. (0211-6820), 43 (2), p. 591. DOI: 10.18172/cig.3265

2017 O. Dangles, A. Rabatel, M. Kraemer, **G. Zeballos**, A. Soruco, D. Jacobsen, F. Anthelme. Ecosystem sentinels for climate change? Evidence of wetland cover changes over the last 30 years in the tropical Andes. Submitted to *PLoS ONE*. DOI10.1371/journal.pone.0175814

2014 **Zeballos, G.**, Soruco, A., Cusicanqui, D., Joffre, R., & A. Rabatel. (2014). Uso de imágenes satelitales, modelos digitales de elevación y sistemas de información geográfica para caracterizar la dinámica espacial de glaciares y humedales de alta montaña en Bolivia. *Ecología en Bolivia*, 49(3), 14-26.

2007 Anze R., Franken M., Zaballa M., Pinto M.R., **Zeballos G.**, Cuadros M., et al. Bioindicadores en la detección de la contaminación atmosférica en Bolivia. *Revista Virtual REDESMA* [online]. 2007, vol.1, n.1

2006 **Zeballos, G.**, M. Zaballa, A. De la Rocha, M. Cuadros, S. Del Granado, R. Anze & M. Franken 2006. Estandarización de métodos de cultivo y exposición para estudios de biomonitorio. *ACTA NOVA* 3(2): 412-421. 1er Congreso Internacional de Contaminación Atmosférica. Cochabamba, Bolivia.

Chapters in Edited Books

2015 Meneses R., Ortuño, T., Loza Herrera, S., Domic, A. Palabral-Aguilera, A. & **G. Zeballos**. (2015). Bofedales altoandinos. Pp: 190 – 205. En: M. Isabel Moya, Meneses, R. & J. Sarmiento (Eds.). 2015. *Historia Natural de un Valle en Los Andes: La Paz* (2a Edición). Museo Nacional de Historia Natural, La Paz, Bolivia. 801 p.

### **Fellowships and research grants**

- 2020 Center for Latin American Studies (Foreing Languages and Area Studies Fellowship). Full year tuition and fellowship to study Quechua at the Ohio State University.
- 2020 Geography Scholarship. The Ohio State University (\$750).
- 2019 Geography Scholarship. The Ohio State University (\$750).
- 2017 Lakshmanan Chatterjee Fellowship, Department of Geography, The Ohio State University (\$2500).
- 2016 Robinson Research Award. Department of Geography. The Ohio State University (\$2000).
- 2012 Academic Honor Scholarship. Full Tuition. Military Engineering University. Bolivia.
- 2011 Academic Excellence Scholarship. Half Tuition. Military Engineering University. Bolivia.
- 2010 Sports Scholarship. Military. Engineering University. Bolivia.
- 2009 Academic Excellence Scholarship. Half Tuition. Military Engineering University. Bolivia.
- 2005 FUNDECO. Foundation for the Development of Ecology. La Paz, Bolivia (\$750).

### **Research papers and posters\* presented at professional meetings**

- 2019\* Spatial distribution of the High-Altitude Organic soil Cushion Wetlands of Bolivia (HOCUW). East Lakes Division of the American Association of Geographers (ELDAAG) Fall Meeting, Saginaw, MI.
- 2019 Spatiotemporal characterization of High-Andean organic cushion wetlands in the Bolivian Andes. American Association of Geographers. Washington DC.
- 2017 Bofedales, understanding the role of tropical alpine peatlands in the context of climate change in the central Andes. Byrd Polar and Climate Research Center Brown Bag Series Seminar. October.
- 2017 Humedales Altoandinos: variabilidad y sensibilidad a los cambios climáticos y ambientales en la Cordillera Real. FORO INTERNACIONAL DE CIENCIAS SOCIALES: CAMBIO CLIMÁTICO, DESASTRES Y GOBERNANZA. Cusco, Peru. August.
- 2017 Complexities of the spatial and temporal dynamics of glaciers and wetlands in the Tropical Andes. American Association of Geographers. Boston, MA.
- 2015 Use of geomatics tools to characterize the spatial variability of Andean glaciers and wetlands. First National Conference of GIS and Remote Sensing applied to Basins and Hydrological Resources. Ministry of Environment and Water. La Paz, Bolivia, November.
- 2014 Multi temporal analysis (1984-2009) of the wetland spatial dynamics in the Bolivian Cordillera Real Mountain Range. IV Bolivian Meeting of Ecology. Santa Cruz, Bolivia.
- 2010\* Valorization of the local ethnobotanical knowledge of a community on the shore of the Lake Titicaca, Bolivia. II Latin-American Meeting of Ethnobiology. Recife, Brazil.

### **Research experiences, workshops, fieldworks**

- 2017 Winter School. Multiple Use of Water Resources in High Mountains. Guidance on efficient, integrative and equitable water management in times of climate change. Peru.
- 2008 Alpine Ecology Field Course. University of Basel and University of Zürich, Switzerland.
- 2007 Climate Change Workshop. Participation in the workshop with the local communities for sharing the scientific information collected in the Sajama National Park, Bolivia.

### **Membership in professional organizations**

**AAG** American Association of Geographers

**SACNAS** The Society for Advancement of Chicanos/Hispanics and Native Americans in Science

**CGB** Colegio de Geógrafos de Bolivia