

Beatriz Mogollón Gómez
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Education

2011 – 2014

M.Sc. in Fish and Wildlife Conservation

Department of Fish and Wildlife Conservation, Virginia Tech, Blacksburg, VA

2005 – 2009

B.A. in Environmental Sciences and Policy, Certificate in Biology and Geospatial Analysis
Nicholas School of the Environment, Duke University, Durham, NC

Experience

2017 – present

Senior Consultant, Grupo Laera, Bogotá, Colombia

- Lead the development of the Monitoring and Evaluation System, the Base Line and the Intermediate Evaluation for the Gran Chaco (Argentina, Bolivia, Paraguay) adaptation to climate change project of cattle farmers and beekeepers financed by Proadapt (FOMIN/IDB).

2015 – 2017

Climate Change (CC) and Natural Resource Specialist, Low Carbon Resilient Development Program, USAID-USFS, Bogotá, Colombia

- Led projects in the Department of Huila: Strengthening the CC governance of local entities of the Plan Huila 2050 and Pitalito's 2030 Route to Change; and capacity building of extension agents and coffee farmers on CC and coffee production.
- Technically supported and helped coordinate the United States Forest Service's (USFS) projects in Valledupar (urban forestry management plan), Huila (watershed and land cover evaluation, and payment for ecosystem service schemes), and Bogota (trail planning, design and construction).
- Structured and supervised projects, wrote terms of reference, and established good working relationship with local stakeholders.
- Wrote a reforestation grant for the Fundación Ecológica los Besotes in Valledupar that was awarded funding (US \$16K)

2011 – 2014

Research Assistant, Department of Fish and Wildlife Conservation, Virginia Tech

- Co-taught undergraduate course *Geographic Information Systems for fish and wildlife conservation* (2012)
- Researched ecosystem services in the Albemarle-Pamlico watershed (2011-2013)
With colleagues, developed a methodology to map the capacity and demand of four aquatic ecosystem services: wildlife-based recreation, nitrogen cycle, water purification, and water supply

2009 – 2011

Writing Tutor, Semillero de Talentos Regionales, Colfuturo, Bogotá, Colombia

- Advised academically outstanding students applying to graduate programs abroad, by revising essays and CVs in English and teaching writing workshops

2009 – 2010

Researcher, Instituto de Investigación Alexander von Humboldt, Bogotá, Colombia

- Biodiversity Information System Program (2010)
Implemented socio-ecological modeling techniques to Colombia's Orinoco Basin using [ENVISION](#), and supported grant writing for the Institute's projects
- Policy and Legislation Program (2009)
Proposed biodiversity goals for 2020 based on the Convention of Biological Diversity's decisions, and helped coordinate events for the International Year of Biodiversity

Other courses

2016

XIV International Course on Carbon Sequestration Monitoring Tools in Land Use Systems, CATIE and Universidad del Tolima, Ibagué

2015

Environmental Law Course, Faculty of Law, Universidad de los Andes, Bogotá, Colombia

Recent Publications

- 2017 Villamagna A., **B. Mogollón**, P. Angermeier. Inequity in ecosystem service delivery: Socioeconomic gaps in the public-private conservation network. *Ecology and Society*. 22(1):36.
- 2016 **Mogollón B.**, E. Frimpong, A. Hoegh, P. Angermeier. Recent Changes in Stream Flashiness and Flooding, and Effects of Flood Management in North Carolina and Virginia. *Journal of the American Water Resources Association*. 1-17.
- 2016 **Mogollón B.**, A. Villamagna, E. Frimpong, P. Angermeier, Mapping technological and biophysical capacities of watersheds to regulate floods. *Ecological Indicators*. 61:483-499.
- 2016 **Mogollón B.**, E. Frimpong, A. Hoegh, P. Angermeier. An empirical assessment of which inland floods can be managed. *Journal of Environmental Management*. 167: 38-48.
- 2014 **Mogollón B.** and A. Villamagna., 2014. Updating the manager's toolbox: Mapping spatio-temporal trends in freshwater fishing. *Journal of Outdoor Recreation and Tourism*. 7: 89-95.
- 2014 Villamagna, A., **B. Mogollón**, P. Angermeier, P., 2014. A Multi-Indicator Framework for Mapping Cultural Ecosystem Services: the case of Freshwater Recreational Fishing. *Ecological Indicators*. 45: 255-265.

Recent Presentations

- 2016 **Mogollón, B.** Contribución de los Arboles Urbanos a la Mitigación del Cambio Climático. 1er Congreso de Arboricultura. Valledupar, Colombia.
- 2014 **Mogollón, B.** and P. Angermeier: Mapping the capacity of watersheds to regulate floods. UCOWR-NIWR-CUAHSI Conference
- 2014 **Mogollón, B.** and P. Angermeier: Which riverine floods can we manage? FREC Graduate Student Symposium
- 2014 **Mogollón, B.** and P. Angermeier: Assessing the landscape capacity to regulate floods in selected watersheds across North Carolina and Virginia. Virginia Water Conference

News and Media

- 2017 El Pílon: “[¿Para qué sembrar más árboles en Valledupar?](#)”
- 2017 Plan Huila 2050: “[Capacitados Actores Claves de la Cadena de la Producción de Café en Prácticas y Herramientas de Mitigación y Adaptación al Cambio Climático](#)”
- 2016 5° Poder: “[Con Plan de Manejo de Arbolado Urbano, Valledupar le apuesta a la mitigación del calentamiento global](#)”
- 2016 Semana Sostenible: “[Pitalito, la ciudad que aprendió a vivir con la variabilidad del clima](#)”
- 2016 Virginia Tech News: “[New mapping approach reveals benefits, shortcomings of flood-control strategies](#)”
- 2014 Virginia Tech News: “[Researchers map fishing resources to assist land managers, anglers](#)”
- 2009 Duke Research Outreach: “[Improving his reputation](#)” y Video en la TV Colombiana “[Lagarto collarejo del Parque Nacional El Cocuy](#)”

Honors and Awards

- 2015 Outstanding Masters Student Award, Dept. of Fish and Wildlife Conservation, Virginia Tech
- 2013 Virginia Lakes and Watershed Association Leo Bourassa Scholarship
- 2012, 2013 P.E.O. International Peace Scholarship
- 2012 William R. Walker Fellowship
- 2009 Graduated with honors, Duke University
- 2008 Duke Engage Civic Service Program Summer Research Grant
- 2004 The Head of School Award, Milton Academy, Milton, MA

Other

Software and Skills: Microsoft Office, JMP, PeakFQ, ESRI ArcGIS, Erdas IMAGINE, Advanced Scuba Diver, certified wilderness First Aid, webpage designer

Institución Zoraida, Fiscal Inspector substitute of the Board of Directors, Colombia (2004 – present)

Profamilia, (Sexual and Reproductive Health NGO), Assembly Member, Bogotá, Colombia (2009 – present)

Languages: Spanish and English