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Liz Martell

Post Secondary Education

- **M.Sc., Zoology**, University of Wisconsin, Madison, 2006
- **B.Sc., Zoology and Spanish**, University of Wisconsin, Madison, 2001
- **Certificate of Completion, Environmental Studies**, University of Wisconsin, Madison, 2001
- **International Educational Exchange**, Monteverde, Costa Rica, 1999

Professional Skills

- *Documentation:* Technical editing, layout and formatting; technical and scientific illustrations for print and web; word processing; PowerPoint and poster presentations; website maintenance
- *Research and Communication Skills:* Technical and science reports; research proposals; literature reviews; organizing, analysing, interpreting, and synthesizing information; conducting interviews; presenting of scientific information to a range of audiences
- *Technical Skills:* Graphical editing and illustration; website design and administration; computer modelling and statistical analysis using SAS, R; spatial analyses and mapping using ArcView/ArcGIS
- *Software Skills:* MS Office Suite; Adobe Acrobat, Illustrator, PhotoShop; CorelDraw; Dreamweaver; Endnote
- *Field and Lab Experience:* Soil and vegetation data collection and laboratory techniques
- *Science Background:* Foundation in terrestrial ecosystem and landscape ecology; social-ecological systems; ecosystem services and general ecological principles

Professional Experience

2009–present **Research Analyst**, ESSA Technologies Ltd., Vancouver, BC.

- Editing and formatting technical content for proposals and project reports
- Technical and scientific illustrations for print and web
- Web site support for ESSA clients
- Ecological and environmental research

2004–2006 **Research Assistant**, Department of Zoology, University of Wisconsin, Madison, USA

- Researched the variation in soil nitrogen availability among post-fire lodgepole pine stands in Yellowstone National Park

2005–2006 **Research Assistant**, Department of Zoology, University of Wisconsin, Madison, USA

- Taught undergraduate biology course content including animal physiology, botany and ecology

2002–2004 **Assoc. Research Specialist**, Center for Limnology, University of Wisconsin, Madison, USA

- Edited and formatted technical content for proposals and project reports
- Prepared scientific illustrations and manuscripts for print and web
- Web site design for projects

- Ecological and environmental research
- Liaison with federal and non-federal funding agencies and tracked research expenditures
- Facilitated and documented meetings and workshops

2002–2004 **Research Assistant**, Resilience Alliance

- Organized and participated in project to develop scenarios for the future of the Northern Highland Lake District, Wisconsin
- Compiled and edited scenarios for booklet and online publication
- Created outreach materials and interviewed stakeholders

2002–2004 **Research Assistant**, Millennium Ecosystem Assessment

- Copy-edited manuscripts for technical reports under tight deadlines
- Interviewed international scientific community
- Built and maintained response database

2001–2002 **Bilingual Intake Specialist**, ABC for Health, Wisconsin, USA

- Assessed new cases for non-profit law firm
- Used case-level insights to develop strategies for public policy change
- Served as project manager for outstation; created and monitored project reports
- Participated in grant proposal process including writing, research, and editing
- Translated and edited Spanish educational materials and documents

Languages

English and Spanish

Awards

- John Jefferson Davis Travel Award, Department of Zoology, University of Wisconsin
- NASA - Professional Enhancement Award

Publications

Levitt, E.A. 2006. Ecosystem function in heterogeneous landscapes: variation in soil nitrogen availability among post-fire lodgepole pine stands in Yellowstone National Park. Thesis.

Bennett, E.M., G.D. Peterson, and E.A. **Levitt**. 2005. Looking to the future of ecosystem services: Introduction to the Ecosystems Special Feature on scenarios. *Ecosystems* 8:125-132.

Carpenter, S.R., E.A. **Levitt**, G.D. Peterson, E.M. Bennett, T.D. Beard, J.A. Cardille and G.S. Cumming. 2003. *Scenarios for the Future of the Northern Highland Lake District*. Center for Limnology, University of Wisconsin, Madison, Wisconsin, U.S.A.