Emily E. Thorn
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Education:

B.A. Biology, Wheaton College, 2003
Human Needs and Global Resources certificate (HNGR), Wheaton College, 2002
M.S. Environmental Studies, The University of Montana, 2009
Ph.D. Sociology, Colorado State University, projected date of degree, 2013

Work and Volunteer Experience:

Present — **Environmental Socio-Economic Analyst**
- Assess socio-economic impacts and environmental justice requirements for NEPA compliance
- Access, analyze, and interpret socio-economic and demographic data from multiple government and institutional sources

2004-Present — **Field Biologist**
- Work individually and with a team to collect botanical and zoological field data
- Use electronic data recording devices to accurately record field observations
- Read and interpret various maps types and use GPS to navigate in rugged terrain
- Work under harsh environmental conditions and camp for extended periods of time
- Analyze data and complete reports for environmental assessments

2010-2011 — **Graduate Teaching Assistant**
- Sociology Department, Colorado State University
- Assist professor in preparing and facilitating lectures
- Grade assignments and provide writing and content guidance to students

2010-Present — **Graduate Research Assistant**
- Prof. Katherine Browne, Department of Anthropology, Colorado State University
- Assist with coding of quantitative data manuscripts of long-term study of a post-disaster community on the Gulf Coast
- Utilize qualitative coding software, GIS analysis, and web-based data collection methods

2009-2010 — **Graduate Research Assistant**
- The Center for Fair and Alternative Trade, Colorado State University
- Conducted web-based research for alternative food initiative projects
- Assisted in community-based planning for an indoor farmer's market and community marketplace

2009 — **Coordinator, Undergraduate Research Conference**
- Davidson Honors College, The University of Montana
- Review and edit student abstracts and presentations of undergraduate research
- Coordinate judges, students, faculty advisors, and volunteers for research day long conference

2008 — **Teaching Assistant**
- Environmental Studies Department, University of Montana
- Co-facilitated undergraduate seminar on agriculture and community food issues
- Responsible for grading, taking attendance, and keeping records

2007-2008 **Program Coordinator**

- Space Partnership Outreach Team (SPOT), University of Montana
- Arranged and conducted NASA presentations in Western Montana schools
- Carried-out administrative duties and bookkeeping

2005-2007 **Science and Math Teacher**

- The Menaul School, Albuquerque, New Mexico
- Taught 6th grade science and mathematics in a multicultural setting
- Coached varsity and middle school track and field

2006-2007 **Volunteer Community Outreach Organizer**

- Bread for the World, New Mexico
- Facilitate student involvement in hunger and poverty awareness
- Coordinated CROP Walk involvement for several groups in Albuquerque
- Organized letter writing campaigns on hunger and poverty issues

2004-2005 **Geodatabase Technician**

- Natural Heritage Program of New Mexico
- Organized, entered, and plotted endangered and threatened species data
- Updated database using ArcMap and Access software

2003 **Teacher**

- CEAD School, Tegucigalpa, Honduras
- Taught third grade (all subjects) and seventh grade (science) in a bilingual setting
- Created learning environment for second language acquisition

2002-2003 **Aquatic Biology Research Assistant**

- Wheaton College, Illinois
- Conducted lab and field procedures in the Mississippi River System
- Analyzed and presented findings at conventions
- Published in *Journal of Biological Invasions*, 2006

2001 **Teacher and Agriculture Assistant**

- Shishya School and Farm, India
- Taught elementary and middle school English and science classes
- Implemented horticulture projects, vegetable gardens, and soil testing studies
- Supervised house of resident students

- **Skills, Certificates, and Awards:**
  - Excellent written and verbal communication skills
  - Software training for both Macintosh and Windows; Microsoft Excel, Access, Word, PowerPoint: ArcMap9.3 and 10, MaxQDA (qualitative data analysis software), and Stata (quantitative data analysis software)
  - Experience and ability to access and use publically available data from the U.S. Census Bureau, Tiger Files, the General Social Survey, The National American Elections Studies, as well as other geo-spatial databases
  - Extensive post-graduate training in social research methodology, including qualitative, quantitative, and geo-spatial techniques
  - Experience facilitating various types of group settings, including classrooms, meetings, and focus groups
  - Biological field skills, including plant and animal identification skills and use of GPS, topographic maps, four wheel drive vehicles, and extended backcountry camping
  - Completion of the Desert Tortoise Council Handling Workshop, 2011
  - Recipient of the Desert Tortoise Student Paper Award, 2012

References:

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