

TESSIA O. ROBBINS

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EDUCATION

M.S., Environmental and Forest Sciences2014-Present
University of Washington, *Seattle, WA*

B.S., Environmental Science 2009
University of New Mexico, *Albuquerque, NM*
Departmental and Baccalaureate Honors

PROFESSIONAL EXPERIENCE

Research Assistant, Fire and Mountain Ecology Lab9/2014-Present
University of Washington, *Seattle, WA*

Environmental Scientist I, Compliance Department 11/2010-Present
HDR EOC, Albuquerque, NM

Field Botanist, Colorado Plateau5/2010-11/2010
Chicago Botanic Garden - Conservation and Land Management internship, *Los Lunas, NM*

Life Sciences Research Technician.....5/2009-8/2009
University of New Mexico, Department of Earth & Planetary Sciences, *Albuquerque, NM*

Sediment Lab Assistant2/2006-2/2007
US Geological Survey (USGS) Water Resources Division, *Albuquerque, NM*

Junior Ranger Program Instructor for Grades 6 through 96/2005-9/2005
Rio Grande Nature Center, New Mexico State Parks, *Albuquerque, NM*

RESEARCH AND FIELD EXPERIENCE

Forest stand surveys to determine fire progression potential 2010
Kirtland Air Force Base, NM

Collection of mature native plant seeds for national seed banking efforts 2010
New Mexico portion of the Colorado Plateau, NM

RESEARCH AND FIELD EXPERIENCE

Twenty-first century drought statistics for the western United States2008/2009
Undergraduate Senior Thesis, Advisor: Dr. David S. Gutzler

Water quality survey of Red River for evaluation of acid mine drainage impact..... 2009
Red River, NM

PUBLICATIONS

Gutzler, D.S., and T.O. Robbins. 2011. Climate variability and projected change in the western United States: regional downscaling and drought statistics. *Climate Dynamics* 37: 835-849. Available at <http://www.springerlink.com/content/n1480q73568737p0/>

PRESENTATIONS

Gutzler, D.S., and T.O. Robbins. September 30th, 2009. *Climate Change Projections for the Western U.S with Observation-Based Interannual Variability*. The 5th Symposium on Southwest Hydrometeorology.

Gutzler, D.S., and T.O. Robbins. August 11th, 2009. *21st Century Drought Scenarios for the Western U.S*. The 2009 New Mexico Water Research Symposium.

SKILLS

Software Experience: ArcGIS, Phreeqci, Microsoft Office (Access, Excel, Word, PowerPoint), Adobe Photoshop and Illustrator, Dreamweaver, Fireworks, and Flash, Air Program Information Management System (APIMS)

Programming/Coding Experience: C++, Fortran, HTML, CSS

Certifications: Heartsaver First Aid CPR AED (American Heart Association, current until 01/2015)

PROFESSIONAL AFFILIATIONS

Society of American Military Engineers (SAME)
Air and Waste Management Association (AWMA), Rocky Mountain Chapter