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Joanna Bate Nadeau

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Education

University of Arizona – Tucson, AZ

August 2007 – December 2009

M.S. Environmental Planning, Water Policy Certificate

Haverford College - Haverford, PA

1999 - 2003

B.A. Biology incl. Urban Studies, Field Ecology, Sustainable Land Management

Work Experience

Water Resources Research Center (UA) – Tucson, AZ

August 2007 – present

Research Assistant – Projects to Enhance the Environment

- Conducted outreach presentations and workshops with public officials, environmental leaders, and utility representatives
- Investigated and summarized development of similar programs in other jurisdictions
- Developed outreach materials including research poster, informational brochure, and publications for pilot programs to secure water for the environment through conservation
- Assisted with pilot program development and fundraising

Research Assistant – CAST Policy Paper

- Compiled and summarized data sources in support of a policy briefing about the future of agricultural water use in Arizona

Pima County Office of Conservation Science – Tucson, AZ

Summer 2008

- Reviewed and analyzed literature regarding adaptive management in Habitat Conservation Plans
- Conducted survey of Multi-Species Habitat Conservation Plan staff to assess state of practice
- Prepared guidelines for local government to use in drafting adaptive management element of MSCP

The Nature Conservancy – Tucson, AZ

Mar 2006 – July 2007

Wildlife/Vegetation Ecologist – Southwest Forest Assessment

- Prepared and edited ecosystem diversity reports and species database for Region 3 National Forests
- Coauthored description of historical range of variation and historic and current vegetation VDDT models for the pinyon-juniper woodland type
- Conducted literature reviews to describe historical range of variation for forest vegetation types
- Analyzed historical and current conditions and potential management scenarios of forest vegetation types using VDDT software, GIS, and remote sensing mapping information
- Assisted with outreach to Region 3 National Forests during plan revision process through presentations, written materials, and meetings

The Nature Conservancy – Las Cruces, NM

July 2004 – Feb 2006

Ecology Assistant – BLM Rangeland Assessment

- Conducted expert workshops, gathered and analyzed information (using GIS, Access, Excel) to map grassland condition across New Mexico
- Directed the entry of BLM monitoring data into VMAP database and helped standardize monitoring protocols and datasets
- Interpreted results to BLM staff for adaptive management strategies through presentations, meetings, and written materials

Bureau of Land Management/ECO – Yuma, AZ

Sept 2003 - July 2004

Natural Resources Specialist

- Conducted 25,000-acre invasive species survey
- Designed and conducted fire rehabilitation and revegetation measures as part of BAER project
- Assisted with project inspection, NEPA documentation, and implementation of natural resource management on public lands and waters along the Colorado River

Computer skills

Microsoft Access, Excel, Powerpoint (6 yrs. experience)

ArcGIS (4 yrs. experience)

VDDT (1 yr. experience)