



RESEARCH ASSISTANT PROFESSOR

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Beth Dudley-Murphy

PROFESSIONAL RESEARCH INTERESTS AND EXPERTISE –

- Environmental analysis and modeling
- Integration of GIS and satellite imagery for natural resource management
- Application of remote sensing and GIS for urban analysis
- Integration of GIS and satellite imagery for natural resource management

EDUCATION –

- 1981 B.S. in Anthropology, University of Utah
- 1990 M.S. in Geography, University of Utah
- 1996 Ph.D. in Geography, University of Utah

MEMBERSHIPS –

- AAG
- ASPRS

HONORS AND AWARDS –

- March 2000 Guest Lecturer for the Geography Department at East Central University in Ada, Oklahoma as part of the Visiting Geographical Scientist Program.
- September 1994 presented with a certificate of recognition by the Secretary of Finance and Planning of the State of Mexico, for the presentation of my dissertation research in Mexico City

PUBLICATIONS –

- **Dudley-Murphy, E.A.**, 2005. Water Conflicts in the Upper Colorado Basin Phase 1. Bureau of Reclamation, Salt Lake City, Utah. Final Report.
- **Dudley-Murphy, E.A.**, Nash, G.D., 2004. Built Non-Built Analysis by Remote Sensing. Envision Utah/ Wasatch Front Regional Council. Salt Lake City, Utah. Final Report.
- Segall, M.P., Sawyer, R.K., Nash, G.D., Umbriaco, J., Kessler, C. and **Dudley-Murphy, E.** 2004. GIS applications of DSDP-ODP data for hydrocarbon exploration. AAPG paper #88095, Program with Abstracts.
- **Dudley-Murphy, E.A.**, Nash, G.D, 2003. TIR (Aster) Geothermal Anomalies. Department of Energy. Final Report.
- Segall, M.P., Nash, G.D., Umbriaco, J., Kesler, C., **Dudley-Murphy, E.** and Sawyer, R.K., 2003. "BHP-Billiton – EGI DSDP-ODP Digital Database Project. Phase I – Northwest Africa". Energy & Geoscience Institute Technical Report 50500985-03-30-03. 20 pp, 32 enclosures, 3 CD's.