

Dorn M. Moore

Baraboo, WI
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EXECUTIVE SUMMARY:

Seasoned technical project leader with 20 years of experience. Passion for bridging technology barriers and finding practical solutions for conservation. Special expertise in the use of geospatial technologies to foster environmental conservation.

EDUCATION:

University of Wisconsin, Madison, WI
M.S. GIS and Web Mapping – in process (Summer 2019)

The University of Arizona, Tucson, AZ
M.A Geography and Regional Development – 1998

Beloit College, Beloit, WI
B.A. Anthropology & Spanish – 1993

PROFESSIONAL EXPERIENCE:

International Crane Foundation, April 2013 – Present

Geospatial & Information Services Manager

- Lead data visualization projects including full stack development to facilitate research and communicate our work to a broad audience.
- Provide guidance and strategy for the use of geospatial tools across the organization
- Manage and maintain key research databases
- Responsible for managing the organizational use of technology including managing the contract relationship with outsourced helpdesk services.

Black Squirrel Technologies, October 2009 – April 2013

Owner/Principal

- Built an independent IT service company with core competencies in data management, backup, security and disaster recovery for a diverse client base of small businesses, local governments, and non-profits.

The Baldwin Group, October 2006 – September 2009

Spatial Analyst on contract to NOAA Coastal Services Center

- Support the human dimensions program with initial concept and design of easy to understand geospatial products for coastal land managers
- Provide training and support for conservation partners in the use of geospatial tools
- Project Manager for broad scale, multi-partner efforts

International Crane Foundation, March 1999 – October 2006

GIS and Remote Sensing Analyst

- Develop and maintain several large research databases
- Spatial analysis support for projects in North America and China
- Development of a 40-year land cover delineation and change analysis of the Zambezi Delta

PUBLICATIONS:

- Barzen et. al. "High nest density of Sandhill Cranes in central Wisconsin." *Proceedings of the North American Crane Workshop*. Vol. 13, 2016, pp. 13-24
- Lacy et. al. "Changes in the number and distribution of Greater Sandhill Cranes in the Eastern Population." *Journal of Field Ornithology*. Vol. 86, No. 4, 2015, pp. 217-325.
- Tran et.al. Persistent organic pollutants in wetlands of the Mekong Basin: U.S. Geological Survey Scientific Investigations Report 2013–5196, 140 p., <http://dx.doi.org/10.3133/sir20135196>

TECHNICAL TRAINING:

- Graphic Design in Cartography, UW
- Geospatial Web and Mobile Programming, UW
- Geospatial Database Design and Development, UW
- GIS and Spatial Analysis, UW
- Introduction to ESRI GeoDatabases, SCGIS
- Advanced CommunityViz Applications, NOAA
- Coastal Inundation Mapping, NOAA
- GIS Tools for Strategic Conservation Planning, NOAA
- Team Processes and Facilitation, NOAA
- Coastal Applications for ArcGIS, NOAA

SOFTWARE AND SYSTEM EXPERTISE:

- Adobe Illustrator & Photoshop
- Avenza MAPublisher & Geographic Imager
- Azure Cloud services administration
- ESRI ArcGIS Desktop and Pro
- Full Stack Developer Tool: HTML, CSS, JavaScript, Node JS, Express, GitHub
- Geospatial Specific App Development Tools: D3, Leaflet, Mapbox GL JS, Turf.js
- PostgreSQL Database administration (with PostGIS)
- Scripting/Programming Languages: Python and R