



SOUTHWESTERN ILLINOIS RESOURCE CONSERVATION & DEVELOPMENT

ALLIE MCCREARY ENVIRONMENTAL PROGRAMS TECHNICIAN



EDUCATION

Master of Science in Forestry, Human Dimensions of Natural Resource Management, Southern Illinois University; Carbondale, IL, 2010

Bachelor of Science in Forestry Outdoor Recreation Resources Management, Minor: Environmental Studies, Southern Illinois University; Carbondale, IL, 2008

AFFILIATIONS

Illinois Forestry Association, 2007— Present

Society of American Foresters,
2005— Present

Xi Sigma Pi, 2009— Present

PRESENTATIONS

“Motivation, navigation, negotiation: Skills to leverage partnerships” 23rd Annual Northeast Recreation Research Symposium

“Recreation partnerships on national forests: The influence of geographic location on collaborative capacity” The 16th International Symposium on Society and Resource Management

PROFESSIONAL EXPERIENCE

Ms. McCreary joined Southwestern Illinois Resource Conservation & Development in June 2011 as the Environmental Programs Technician. Allie assists with mapping, preparing reports, creating informational materials. Prior to this, Ms. McCreary studied geographic information systems (GIS), resource-management partnerships and public outreach.

PROJECTS

- **Columbia Open Space Land Acquisition & Development Grant** – Coordinated between SWIRCD and the City of Columbia personnel necessary materials for the grant application and created maps depicting key resource areas.
- **American Bottoms Wetland Interpretive Sign Design** – Following protocol for designing interpretive designs, as provided by an Illinois EPA grant, compiled alternative layouts (themes, content, graphics) for interpretive displays and acquired competitive estimates for sign fabrication.
- **County Land Cover Inventory** – Establishing the variety of land uses and parcel ownership within seven Illinois counties by importing data from federal, state, and local sources to compile a comprehensive analysis of protected (and unprotected) lands. Layer data utilized included flood areas, municipalities, roads, etc. to illustrate development and adjacent land uses.
- **Fayetteville Utility Mapping** – Assisted in instructing city personnel how to operate GPS device and accurately log data. Digitized existing data and imported new data to create complete maps.
- **Institutional Mechanisms of USFS Recreation Partnerships** – USDA McIntyre-Stennis Fellowship & USDA Forest Service Pacific Northwest Research Station Joint Venture Agreement. Implemented a multiple case study of USFS recreation partnerships. Developed protocols and data generation instruments; performed qualitative data analysis. Prepared professional manuscripts independently and with a research team. Presented key findings in both written and oral formats.