

BIOGRAPHICAL SKETCH

Robin McNeely

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Professional Preparation

<u>College/University</u>	<u>Location</u>	<u>Major</u>	<u>Degree & Year</u>
<i>Virginia Tech</i>	<i>Blacksburg, VA</i>	<i>Forestry</i>	<i>BS, 1988</i>
<i>Iowa State University</i>	<i>Ames, IA</i>	<i>Landscape Architecture</i>	<i>BLA, 1992</i>
<i>Iowa State University</i>	<i>Ames, IA</i>	<i>Landscape Architecture</i>	<i>MLA, 1994</i>

Research topic: Using GIS to Model Soil Erosion in the Walnut Creek National Wildlife Refuge

Academic/Professional appointments

Program Manager/GIS Analyst, College of Design, Iowa State University, Ames, IA

Responsibilities include managing remote sensing and GIS research projects for university and external clients. Advise staff, faculty and students regarding their remote sensing and GIS research, data acquisition, analysis, and conclusions. Management of the GIS Facility including 3 staff, 12 students and associated budgets. (9/13 to present).

GIS Analyst, GIS Facility, Iowa State University, Ames, IA

GIS analyst for research projects using remote sensing and other GIS applications. Train and monitor undergraduate and graduate student employees. Manage remote sensing and GIS software site licenses, software access, installation and troubleshooting for campus software users. Administer and update remote sensing and GIS teaching lab and computers. (1/02 – 8/13)

GIS Analyst, Dept. Animal Ecology, Iowa State University, Ames, IA

Managed GIS research lab including setting up new computers, upgrading software, helping students analyze research data and maintaining an archive of past project data. Created statewide land cover data from Landsat 5 satellite imagery for the Iowa Gap Analysis Program using ERDAS Imagine. (8/97 – 12/01)

Environmental Specialist II, Department of Natural Resources, Des Moines, IA

Coordinated staff review, logged and issued Chapter 461A Construction Permits and Threatened and Endangered Species reviews. Produced maps with ArcView3 for analysis and final production of park ecosystem management plans. Provided the Parks, Recreation and Preserves Division with computer support as a Network Representative.

Elected/Volunteer Positions

AmericaView, board member, 2019-2021

Iowa State University Professional and Scientific Council, general member, 2006 – 2011; secretary/treasurer, 2008 – 2011; general member and Communications Committee chair, 2012 – 2015