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www.uwsp.edu/GIS



University of Wisconsin-Stevens Point

College of Letters and Science GIS Center

Overview:

GIS for Farmland Preservation Planning guides learners through the process of acquiring and analyzing geographic data useful for crafting well-informed farmland preservation policies that fit local community goals and objectives. Agricultural patterns and trends will be explored and farmland preservation alternatives will be created using Esri's popular ArcGIS DesktopTM software platform.

After completing course exercises, users will know how to:

- Relate spatial data, concepts and functions to community goals and objectives.
- Acquire data from the 5-Year Census of Agriculture and effectively communicate agricultural patterns and trends using maps.
- Craft customized soils maps and analyses using SSURGO soils data.
- Analyze land use patterns and trends over time to recognize the potential for urban and rural land use conflicts.
- Explore other factors related to agricultural productivity, development pressures, and community assets.
- Craft and evaluate farmland protection scenarios based upon community generated model criteria and the Land Evaluation and Site Assessment protocol.

Who Should Enroll:

- Planners with some prior GIS education or workplace experience interested in addressing farmland preservation planning tasks using GIS.
- GIS Analysts and Managers who need to better understand how GIS is used to address farmland preservation planning tasks.

Prerequisites: Fundamentals of Geographic Information Systems Register at www.uwsp.edu/conted/ConfWrkShp/Pages/workshops/gis.aspx.

Registration: Open and ongoing.

Workshop Format: Online, self-paced. Instructor support available. Inquire with the GIS Center for customized, mobile, or face-to-face workshops.

Estimated Time to Complete: 24 hours. Learners will retain access to their UWSP account for 6-months after registration.

Continuing Education Units: 2.4

Software Used: ArcGIS[™] version 10.0.

Course Fee: \$250.

Course delivered using the Desire2Learn learning management system, UWSP network servers and UWSP software licenses.

Optional Course Items and Fees:

Hardcopy manual printed in full-color on premium paper stock.	<mark>\$96</mark>
Digital manual on USB (Adobe PDF and tablet compatible formats with embedded demonstration videos).	\$15
Course data on USB.	\$15
ArcGIS Desktop version 10.0. *Complimentary with delivery of course data.	Free*
Documentation of Continuing Education Units (CEU) earned.	Free

Instructor:

Douglas Miskowiak is the GIS Education Specialist at the UWSP, GIS Center. There he is responsible for teaching GIS classes and designing and executing the GIS Certificate and Training Programs. The program serves traditional students and adults returning to the university to continue their education.

Doug has a long standing interest in using GIS to address farmland preservation and comprehensive land use planning issues. He has worked to help communities throughout Wisconsin use GIS for plan development, implementation, and monitoring and engage and empower the public in community decision making.

> Phone: 715-346-4789 or toll free at 855-GIS-UWSP Email: doug.miskowiak@uwsp.edu

Register Three Convenient Ways:

- 1. Online at www.uwsp.edu/conted/ConfWrkShp/Pages/ workshops/gis.aspx.
- 2. U.S. Mail Complete the registration form on the next page and send with payment to UWSP Continuing Education 2100 Main Street Rm 032, Stevens Point, WI 54481.
- **3.** Fax Complete the registration form on the next page and fax it with payment to UWSP Continuing Education at 715-346-3504.





Registration Form

GIS for Farmland Preservation Planning: 2.4 CEU's, Non-credit

- \square I want to take the course over the internet only -\$250.00
- □ In addition, I want the following course materials delivered to me−\$250.00 + options below (course data & ArcGIS can be loaded to personal computers with Windows OS)

Check Desired Course Options

 □ Hard Copy Manual - \$96 □ Digital Manual & Video Demos on USB - \$15 □ Demo ArcGIS[™] 10.0 - complimentary with data
Total Course Fees:
Ship materials to:
Work: Professional Title/Organization/Company
Company Address/City/State/Zip
Phone()Fax ()
Home: Address/City/State/Zip
Phone()Fax ()E-mail:
Special needs, specify:
I am UWSP Faculty/Staff: yes no Department name:
I am a UWSP Student: yes no Major:
My UWSP ID# is:
Payment: Make checks payable to UWSP.
P.O. #: UWSP Acct. #
□ Visa □ Mastercard □ Am. Expr. □ Disc.
Credit card number: - - -
Expiration date: Name on card:
Cardholder's signature:
What is your billing address above? 🛛 Home 🗆 Work
If billing address is different from home or work address, indicate billing address here:
Organization/Company

Billing Address/City/State/Zip