



Training
Program

GIS Center

GIS & GPS Applications in Forestry

Face-to-Face — Instructor Led



Register today

[www.uwsp.edu/conted/ConfWrkShp/Pages/
workshops/gis.aspx](http://www.uwsp.edu/conted/ConfWrkShp/Pages/workshops/gis.aspx) 1-800-898-9472



Visit the GIS Center on the web
www.uwsp.edu/GIS



University of Wisconsin-Stevens Point

College of Letters and Science
GIS Center

Overview:

GIS & GPS Applications in Forestry explores the utility of Geographic Information Systems (GIS) and Global Positioning Systems (GPS) to acquire, manage, analyze, and visualize spatial data for a variety of integrated forestry management tasks for the urban forest and working timberlands.

After taking this course you will be able to:

- Identify and acquire existing GIS data resources from the internet.
- Manage and modify data file formats, projections, and coordinate systems.
- Read and author metadata important to understanding data utility.
- Assess and measure change to a forest from natural or man-made disturbances.
- Use GPS techniques to acquire and encode data for the urban forest and working timberlands.
- Set up, build, and utilize geodatabases for acquiring, managing, and analyzing forest data.
- Utilize field computers and mobile software.

Who Should Enroll:

- Foresters with some prior GIS education or workplace experience.
- GIS analysts and managers who need to better understand how GIS and GPS workflows fit into forestry operations.
- Foresters with little GIS experience are encouraged to enroll for this workshop with a GIS analyst from within their organization.¹

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

Registration Deadline: August 10, 2012.

Workshop Format: Face-to-face workshop, instructor led.

Workshop Dates: 4 days. August 21-24, 2012.

Continuing Education Units: 2.8

Continuing Forestry Education Credits: Category 1: 21 Category 2: 7

GIS Software Used: ArcGIS™ version 10.0. ArcPad™.²

GPS Hardware Used: Trimble™ Nomads and various GPS antennas.²

Course Fees:

Full 4-Day Course. ¹ Register for all four days.	\$1,475
Day 1. ³ GIS Overview and Refresher. Data acquisition, projections, coordinate systems, metadata. Mobile computing and GPS overview.	\$300
Day 2. ³ Urban Forestry Applications. Creating a database for urban forest data collection. Using GIS/GPS to collect urban forest field data.	\$450
Days 3 & 4. ³ Forest Inventory Applications. Creating geodatabases for assessing timber volume and value. Using GPS, field computers, and mobile software for timber cruising.	\$1050
Lodging and meals at the Treehaven Field Station (Days 3 & 4).	Included

¹ First individual registers at the full course cost. Additional individuals from the same organization register at a 50% discount.

² Additional software and hardware including SoloForest, T-Cruise, and various other software and hardware packages are available to explore in this course.

³ Days 1 and 2 held on the UWSP Campus, Stevens Point, WI, B308 Science Building. Days 3 and 4 held at the Treehaven Field Station, Tomahawk, WI.

Instructors:

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.

Phone: 715-346-4789

Email: doug.miskowiak@uwsp.edu



Kevin Burns has over 30 years of consulting experience working with forest landowners. Kevin is responsible for land management activities at the 1,400 acre Treehaven demonstration forest. As CNR forestry faculty, he coordinates research, supervises student projects, and instructs forestry courses.

Phone: 715-346-6316

Email: kevin.burns@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

Registration deadline: August 10, 2012

GIS & GPS Applications in Forestry: 2.8 CEU's, Non-credit

- I want to register for the full four-days—\$1,475
- I want to register as an additional individual from my organization at a 50% discount—\$737.50 (each individual should fill out a separate registration form)

Check Desired Course Options

- I want to register for the following days.
- Day1—\$300 Day2—\$450 Days 3 & 4—\$1050
- Treehaven Lodging & Meals—Included in tuition

Total Course Fees: _____

Name (F/MI/L):

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
