GIS & GPS Applications in Forestry
Face-to-Face — Instructor Led

Register today
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.

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.


Continuing Education Units: 2.8

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


GPS Hardware Used: Trimble™ Nomads and various GPS antennas.
Course Fees:

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

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Organization/Company
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Billing Address/City/State/Zip