

**Dr. William Bajjali**, Department of Natural Sciences, UW-Superior,  
will offer

**workshops in GPS and GIS technologies**  
for faculty and staff interested in  
**creating teaching materials and conducting research**  
**in the fields of natural and social sciences.**

**Registration:** The deadline to register for any of the workshops is **April 9, 2010**. (See below.)

### **I - GIS Workshop Series (Online)**

The 1st set of workshops will be using the GIS technology to create teaching materials and conduct research. The workshops will be online and will cover the use of GIS in different disciplines:

- Business and Marketing
- Political Science
- Criminal Justice
- Education
- Natural Sciences
- Social Inquiry
- Psychology
- Sociology

**Type of Training:** Online using "Web Conferencing"

**Location:** Online, the workshops will be hosted at UW-Superior and are open to all faculty and staff throughout UW-System. Sessions will be archived for viewing at any time.

**Duration:** Six sessions, each session will be 2 to 4 hours and will be conducted in April and May.

Participation in either the live web conference or the archived version of the **Introduction to ArcGIS** workshop is mandatory and required for participation in the other workshops. If you are interested in participating in any of these workshops, please send your date and time preferences.

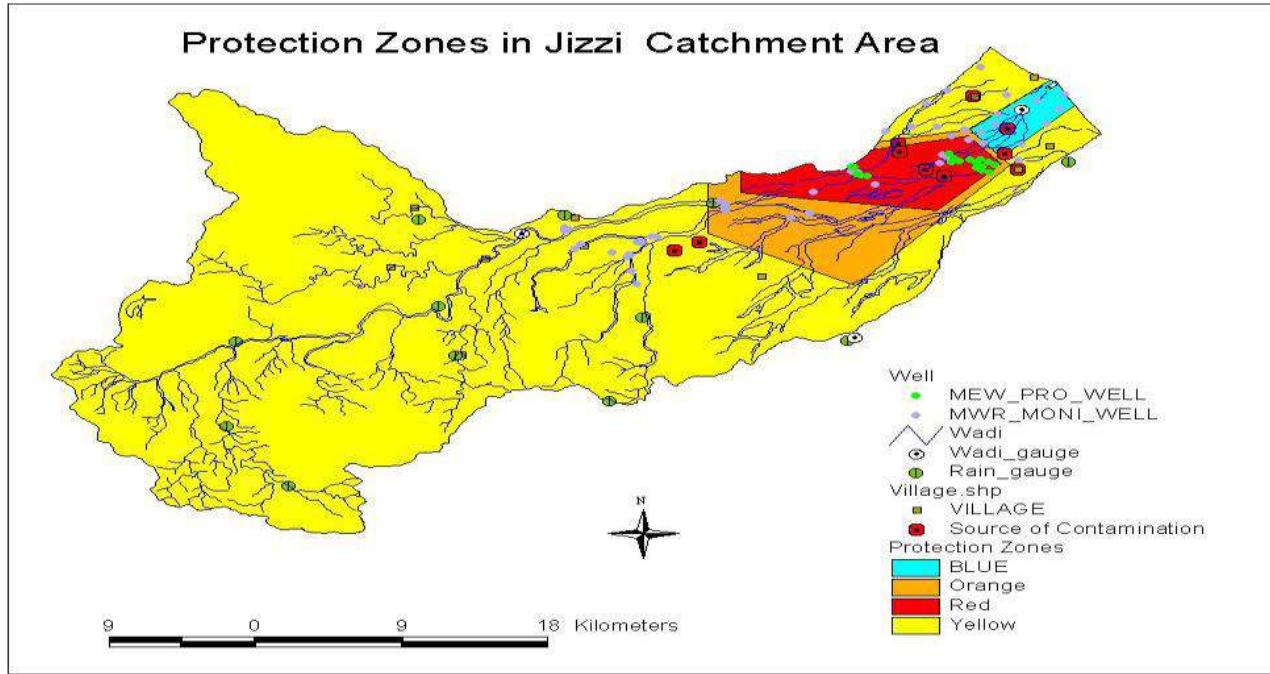
**Program:** Each session will cover a discipline described in the table below

**Who should attend:** Faculty or staff interested in GIS technology for teaching and research

Item	Description	Duration	Date	Time*
1	Introduction to ArcGIS	2 hours	Apr 15 or 16	9 - 11 am Th OR, 1 - 3 pm F
2	GIS applications in natural sciences	2 hours	Apr 22 or 23	9 - 11 am Th OR, 1 - 3 pm F
3	GIS applications in business	2 hours	May 6 or 7	9 - 11 am Th OR, 1 - 3 pm F
4	GIS applications in social sciences	2 hours	May 17 - 21	Any time
5	Advance GIS applications	4 hours	May 24	Any time
6	Advance GIS applications	4 hours	May 25	Any time

The GIS workshops will be using the ArcGIS and its extensions Geostatistical Analyst and Spatial Analyst. Participants are required to have access to a computer that has ArcGIS installed during each workshop. Every UW campus has free access to ArcGIS.

If you are interested in working with certain materials of your own in your field of expertise, please inform the instructor and he will prepare a scenario to accommodate you. The instructor will archive all sessions for your use.



*GIS map delineating the groundwater protection zone.*

## II - GPS workshop

**Type of Training:** Face-to-Face

**Date & Locations:**

**UW-Fox Valley:** May 14, 2010

**UW-Superior:** (to be determined\*)

\* Superior campus, if you are interested in participating in the workshop, do you prefer one Saturday on April 17, 24, or May 1) or any day between May 17 and 21? If you are interested in participating in the GPS workshop, please send your preferred date with your registration.

**Duration:** 1 day from 9 am to 3 pm

**Program:** includes the following activities:

Item	Description	Time
1	Introduction to GPS	9 - 10 am
2	How to capture spatial data	10 - 11 am
3	Use the GPS to delineate the campus area	11 - 12 noon
4	Lunch Break	
5	Introduction to the coordinate systems	1 to 2 pm
6	Integrate the GPS data into GIS	2 to 3 pm

**Who should attend:** Faculty or staff interested in using GPS to capture spatial data and create teaching materials for a fall 2010 course or for research.



*Handheld GPS used to capture sampling location at Newton Creek*

The GPS workshop at UW-Superior will be held in Barstow (B209-computer lab). The lab is equipped with good computers and ArcGIS software. There will be 10 Garmin eTrex GPS devices for the trainees to use during the workshop.

## How to register

The GIS and GPS workshops are free for all faculty and staff within UW-System. Register by sending your name and email address and the name of the workshops to [CETL@uwsuper.edu](mailto:CETL@uwsuper.edu)

**Deadline:** The deadline to register for any of the workshops is **April 9, 2010**.