

RS&GIS Technical Workshop Registration Form

Return to: Training Center Coordinator
 Remote Sensing & GIS Research and Outreach Services
 Department of Geography
 Michigan State University

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Name: _____ Title: _____

Organization: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ E-mail: _____

MSU Account Number: _____

Make checks payable to MICHIGAN STATE UNIVERSITY (MSU Fed. ID: 38-6005984).
 Check or purchase order must be received in order to reserve your participation.

Day	Workshop	Cost
November 8 - 12, 2004		
Monday	Introduction to ArcGIS	\$500
Tuesday		
Wednesday	Advanced GIS Topics – Vector Analysis	\$250
Thursday	Advanced GIS Topics – Raster Analysis	\$250
Friday	Introduction to GPS	\$250

Maximum enrollment: 14

Lodging and meals are NOT included in the fee.
 Parking permit provided. Please park in the rear of the building.

* Individual consulting also available for specific projects.

Course Title: _____ Date: _____ Cost: _____

Course Title: _____ Date: _____ Cost: _____

Course Title: _____ Date: _____ Cost: _____

Course Title: _____ Date: _____ Cost: _____

Total: _____

Handicapper accommodations may be requested by calling the training coordinator one week prior to the first day of the workshop to ensure sufficient time to make arrangements. Requests received after this date will be met when possible.



MSU is an Affirmative Action/Equal Opportunity Institution.



RS&GIS Technical Workshops

Introduction to ArcGIS

This two-day course demonstrates the complex capabilities of the ArcGIS software. Through conceptual overview and hands-on applications, participants will learn how to perform powerful queries and map displays. Participants will become familiar with the ArcGIS graphical user interface (GUI) and explore methods for creating, editing, displaying, querying, and analyzing geographic and tabular data in this software. Course textbook is included in the fee.

Note: This class is suitable for individuals migrating from the ArcView 3.x environment as well as new ESRI software users.

This course does not qualify for those seeking to become an ESRI certified instructor.

Advanced GIS Topics – Vector Analysis

This course is designed for the ArcGIS user who is ready to move beyond fundamental vector-based applications. Using ArcToolbox and advanced editing functions, participants will learn complex data manipulation and analysis techniques. Additional highlights will include geodatabase topology, overlay & proximity concepts and real-world applications.

Note: This course is suitable for those who have basic ArcGIS experience in creating and editing vector datasets.

Advanced GIS Topics – Raster Analysis

Learn how to create and control rasters in ArcMap using the Spatial Analyst extension. Topics include creating hillshade, slope, aspect, density, and distance surfaces; Cost-weighted and Least-Cost path analysis; and an introduction to map algebra and surface interpolation techniques.

Note: This course is for those who use ArcGIS currently and would like to expand their use of rasters for the purpose of spatial analysis.

Introduction to GPS

This workshop provides a detailed overview of GPS concepts and technology including accuracy, differential GPS, and optimization of GPS equipment. Hands-on fieldwork and pre/post-computer processing are included.

Note: No prior experience required.

To register for a workshop, complete the form on the back and return it to RS&GIS via mail or fax. For additional forms, please visit our training page at <http://www.rsgis.msu.edu/training.htm>.