



## THE CONSERVATION FUND

*America's Partner in Conservation*

### Geographic Information System (GIS) Tools for Strategic Conservation Planning

**AUGUST 3-6, 2010 • SHEPHERDSTOWN, WV**

The National Oceanic and Atmospheric Administration (NOAA) Coastal Services Center and The Conservation Fund developed this course to teach students how to apply GIS tools, methodologies, and analyses to strategic conservation planning using a "green infrastructure" approach. This 4-day course is taught by staff members from NOAA and The Conservation Fund, in partnership with the U.S. Fish & Wildlife Service's National Conservation Training Center. The format includes lectures, demonstrations, small group discussions, and hands-on problem-solving exercises. Participants will use ArcView 9.x and Spatial Analyst software to apply principles of strategic conservation planning and address a realistic conservation scenario using GIS. Students will use data sets from coastal areas to develop conservation priorities and strategies.

**COURSE OBJECTIVES** By the end of this course, participants will be able to:

- Describe primary concepts and benefits of a green infrastructure approach to coastal conservation and broader land use planning efforts
- Define the goals, objectives, and parameters of a green infrastructure network and identify appropriate core data elements needed to design this network using GIS tools and methodologies
- Choose and employ raster-based spatial analyses to design a coastal green infrastructure network using ArcGIS

#### WHO SHOULD ATTEND

Ideal participants are those seeking to advance their GIS skills by applying conservation planning approaches, or those looking to design a green infrastructure network using GIS technology. All participants should have experience or training in the use of ArcView 9.x software. The course uses the Spatial Analyst extension, and materials presented are both comprehensive and fast-paced.

#### TO APPLY

Go to <http://www.conservationfund.org/node/670>  
Choose "add to cart" then proceed to checkout

#### COURSE TUITION & FEES

Tuition: \$680

**CONTACT** Margarita Carey for additional information

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[www.conservationleadershipnetwork.org](http://www.conservationleadershipnetwork.org)

#### Partner:

NOAA Coastal Services  
Center



#### Application Deadline:

July 6, 2010

2009  
COURSE  
OFFERINGS