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Applied Spatial Statistics Using R and ArcGIS class in Boise, Idaho

Juniper GIS, from Bend, Oregon and ERIA Consultants, from Boulder, Colorado, are partnering with the Idaho Department of Fish and Game (IDFG) to offer a special one-day Applied Spatial Statistics class in Boise, Saturday, March 22. The classes will be held at the Trophy Room at IDFG Headquarters – 600 S. Walnut in Boise. Class will start at 8:30 and end around 5 pm. Please plan on arriving at least 15 minutes early so we can let you in. Bart Butterfield has negotiated reduced prices for IDFG employees for this class because IDFG is providing the room.

Applied Spatial Statistics Using R and ArcGIS   **$325 for IDFG Employees; $375 for other attendees**
Saturday March 22 at the Trophy Room, IDFG Headquarters, 600 South Walnut Street, Boise, Idaho.

This workshop is designed to teach people how to correctly apply spatial statistics to spatial data. We will be using the statistical program "R" coupled with ArcGIS. Topics that will be covered are: programming in "R", Linear Regression, Spatial Weight Matrix creation, Moran's I, General Least Squares (GLS), Variograms, Covariance functions, and spatial-temporal analysis.

 At the end of the workshop attendees' will be able to: 1) create a basic program in "R", 2) assess and evaluate spatially correlated data, and 3) adjust statistical models for spatial autocorrelation.

This course is designed for beginners to experts. It would be helpful to have a basic understanding of statistics, ArcGIS, and some exposure to computer programming. As with most workshops the more one knows going into the course the more you will take home. This will be an all day workshop with breaks.

The class will be presented by Michael Tuffly, the Principal for Environmental Resource Inventory and Analysis LLC (ERIA Consultants, LLC) in Boulder, Colorado. He is also a Certified Mapping Scientist -- Remote Sensing from the American Society for Photogrammetry and Remote Sensing (ASPRS), Certified Forester from the Society of American Foresters (SAF), Certified Senior Ecologist from Ecological Society of America (ESA), and a GIS Professional (GISP) from the Geographic Information System Certification Institute (GISCI). Mike holds a B.S. in Forestry from Humboldt State University (HSU), an M.S. in Natural Resource Management from HSU, and a Ph.D. in Forest Science from Colorado State University in Fort Collins, Colorado.

Dr. Tuffly has over 25 years of experience in applied GIS and spatial modeling for federal, state, private, and nonprofit organizations. In addition, he has over 30 years addressing various fire, natural resource and forest management issues in the United States and abroad. He is also an adjunct Professor in the Warner College of Natural Resources at Colorado State University in Fort Collins, Colorado.

For more information on the course content, contact Michael Tuffly at mtuffly@eriaconsultants.com. To register for the course, see - http://www.junipergis.com/training/registration/ or contact Patti Bailey at patti@junipergis.com. Juniper GIS can accept payment with Visa, MasterCard, check or purchase order. **When you register, please indicate that you are an IDFG employee to get the reduced price. No other discounts apply.**