

The Explorer's Club - The St. Louis Chapter

<http://www.explorers-stl.com>

Presenter: Glenn Conroy, Pioneer in Paleontology
“Using Remote Sensing and Geographical Information Systems (GIS) in Paleontological Explorations”

Remote Sensing and Geographic Information Systems (GIS) comprise a powerful set of tools designed for the storage, retrieval, mapping, and analysis of geographic and other spatial data. Although GIS has found numerous applications in numerous and diverse studies – from hunting Osama bin Laden to studying the landscape of Mars, its application to paleontological exploration has been underutilized. In this presentation I show just a few of its many potential applications for paleontological explorations in remote badland areas. For example, interactive paleontological site maps can be easily generated based on attribute tables that can be queried by individual explorers based on any combination of fossil locality attributes; hyperlinked to relevant PDF and/or URL references for immediate retrieval of further detailed information about fossil specimens and/or localities; used to plan field logistics by mapping the accessibility of fossil localities; and used to characterize topographic features of sites of paleontological interest on both regional and local scales.

Date / Time: Wednesday, April 8, 2010
6:00 p.m. Cocktails – *Tickets issued, correct change appreciated*
6:45 p.m. Dinner
7:30 p.m. Presentation

Reservations: Contact Becky Doane for venue info and to RSVP at
rdoane@thompsoncoburn.com or
(314) 231-2306 x1302

Price: \$50(Members) \$55(Guests)

RSVP - NO LATER THAN APRIL 1, 2010

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