

Regional 3D Atlas Summer Institute

The Upper Midwest Aerospace Consortium (UMAC) is sponsoring a three day summer institute for teachers.



Target Participants: Pairs of teachers from the same building – one experienced and one novice in the use of geospatial technologies (GIS, GPS, remote sensing) in the classroom.

When: June 26-28, 2006, with follow-up through the summer and 06-07 academic year.

Where: Bozeman, MT

Financial Support: \$400 per teacher

Two University of Wyoming graduate credits will be available at a reduced rate. More details to come.

Goals:

1. To provide teachers from Montana, Wyoming, Idaho, and North and South Dakota with necessary tools and support to conduct local inquiry projects incorporating geospatial technologies which will feed into the development a regional 3D atlas. The first year atlas theme is invasive species.



2. By working with parents, community leaders, professionals and UMAC researchers, teachers and students will: identify community needs, project goals and objectives; explore various careers related to geospatial technologies; and identify educational pathways for these careers.

What is a 3D Atlas? It is a combination of digital documents which describe the processes and results of local field-based inquiry projects connected by a central theme (i.e. invasive species). These documents may include satellite imagery, maps, GIS data, reports, and multimedia. These digital documents will be available via a web server.

For additional details, contact Alan Buss (307.766.3972, abuss@uwyo.edu) at the University of Wyoming, or your state UMAC representative.

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