



2006 Intermountain GIS Conference

Helena, MT

April 3–7, 2006 ❖ Great Northern Hotel

"Realizing Our Collective Potential"

The Montana Association of Geographic Information Professionals (MAGIP) is pleased to present the 2006 Intermountain GIS Conference from April 3-7 at the Great Northern Hotel in the new Helena, Montana Town Center. The theme of the conference, *Realizing Our Collective Potential*, recognizes that GIS is rapidly changing from isolated users and pockets of technologies to more integrated collections of users and technical solutions. The conference will focus on the increasing potential for geographic information to be created and shared by multiple users and connected system. Pre and post conference workshops will be offered on Monday April 3 and on Friday April 7. Workshops fill quickly so we encourage you to register early to assure your space. The conference will begin Tuesday, April 4 with a MAGIP business meeting starting at 10:00 am with an overview of MAGIP activities and introduction of candidates for the Board of Directors. Presentations in the plenary and concurrent sessions will feature a roundtable discussion of Montana Land Information Council (MLIAC) activities with representatives from the Council, background and status of the Montana Spatial Data Infrastructure themes and data models, a panel presentation of activities related to E-911 data development and applications, presentations on rural addressing and other topics of local government focus, GIS in education, and the use of GIS and remote sensing in various natural resource applications such as wildlife mapping and management. Offerings will also include a vendor track and the opportunity for attendees to learn more about MAGIP and its programs. We are honored to have Mark Monmonier, Distinguished Professor of Geography in the Maxwell School of Citizenship and Public Affairs at Syracuse University as our keynote speaker. Dr. Monmonier's address will focus on *Exploring the Societal Impacts of Geospatial Technology: Customization, Control, and Unintended Consequences*.

Please check the MAGIP web site, <http://www.magip.org/>, for conference information, registration forms, and scheduling updates. We look forward to seeing you in April! **We encourage you to register on-line!**

Conference Schedule ...

Monday, April 3rd

8:00 A.M. to 5:00 P.M. Pre-Conference Workshops

Tuesday, April 4th

10:00 A.M. to Noon MAGIP Business Meeting

1:00 P.M. to 5:00 P.M. Plenary Session

6:00 P.M. to 9:00 P.M. Public Night

Wednesday, April 5th

8:30 to Noon Panels and Concurrent Sessions

Noon to 1:30 P.M. Lunch

1:30 P.M. to 5:00 P.M. Panels and Concurrent Sessions

6:30 P.M. to Close Banquet, Awards Ceremony and Dance
(Little Elmo and the Mambo Kings)

Thursday, April 6th

8:00 to Noon Concurrent Sessions

Noon to 1:30 P.M. Lunch

1:30 P.M. to 5:00 P.M. Concurrent Sessions

Friday, April 7th, 2006

8:00 A.M. to 5:00 P.M. Post-Conference Workshops

Register Today!

Conference Details ...



CONFERENCE WORKSHOPS

Monday, April 3 and Friday, April 5: Attendees may choose from a selection of pre and post-conference workshops designed to provide beginning, intermediate, and advanced training in GIS related skills and technologies.



PLENARY SESSIONS

Tuesday, April 4: Montana's Lieutenant Governor, John Bohlinger and Helena Mayor James Smith will officially open the conference and welcome attendees to Helena. Mark Monmonier, Distinguished Professor of Geography in the Maxwell School of Citizenship and Public Affairs at Syracuse University will give a special keynote presentation on the societal impacts of GIS technology



EXHIBITORS

Tuesday through Friday, April 4 - 7: The most recent advances in private sector GIS technology will be displayed in the exhibitor area. Experts will be available to answer questions about their services, products, and tools and to demonstrate software applications, hardware and services. Come and see what these exhibitors might supply to meet the needs of your organization.



PUBLIC NIGHT

Tuesday Evening, April 4: Public Night will showcase maps and posters from GIS projects throughout Montana. A special daytime geographic awareness activity is being planned for local school children, weather permitting. The evening event will be open to all members of the public where highlights of the day's educational activity will be presented. Other Public Night features will include geospatial activities and demonstrations of GIS technology with fascinating fun for the whole family. Refreshments will be provided.



POSTERS AND ELECTRONIC DISPLAYS

Tuesday through Friday, April 4 - 7: The posters and Internet Mapping Applications will be showcased and judged during Public Night on Tuesday evening. Internet entries will feature web-based GIS applications and/or cartographic products. Posters will be judged either on illustrative qualities or cartographic design. Student and professional submittals in all three categories will be judged separately.



LOCATION

This year's conference will be held at the Great Northern Hotel in Helena Montana, the State Capital and the county seat of Lewis and Clark County. In 1864, Helena's first visitors were lured by the gold discovered in Last Chance Gulch. More than 140 years later, Montana's capital city is still filled with treasures to explore: mansions and historic architecture, outdoor adventure, unique family attractions, galleries and museums, performing arts, cultural events, and so much more.



FEES

The conference fee covers all conference materials, lunch and dinner on Wednesday and lunch on Thursday. A no-host social will be held on Wednesday night after the banquet with entertainment provided by Little Elmo and the Mambo Kings. See the enclosed registration form for fee information. We can accept checks, purchase orders and credit card payments via our on-line registration form. You may mail your check or purchase order made payable to MAGIP to Janet Cornish at 954 West Caledonia, Butte, MT 59701-9002.



LATE FEES AND REFUNDS

Registrations received after March 10th will be charged a late fee. Refunds will be provided for cancellations received no later than March 30th.



LODGING

A block of rooms at special rates have been reserved for the conference attendees at the Great Northern Hotel, 835 Great Northern Boulevard, Helena, Montana. Call 406-457-5500 for reservations. There are a limited number of rooms available at the state rate. Please let them know that you are a participant in the GIS conference. Other area hotel information can be found on our web site.



SCHOLARSHIPS

Twenty students are eligible to receive full scholarships to the conference. Complimentary one-day registrations or a workshop will also be awarded to interested K-12 teachers. The application deadline is March 10th, 2006. Apply to Duane Lund at dlund@mt.gov or Jane Horton at jhorton@mt.gov.

Information Contacts

Program: Catherine Maynard, 406-444-4546
cmaynard@mt.gov

Posters: Janet Horton, 406-444-5381
jhorton@mt.gov

Exhibitors: Fred Gifford, 406-443-5210
fgifford@maximusa.com

Workshops: Bob Holliday, 406-444-0770
rholliday@mt.gov and
Stuart Challender, 406-994-7566
stuartc@bridgegeoplan.com

Registration: Janet Cornish, 406-723-7993
JanAllyce@aol.com

Welcome and Keynote Address

Welcoming Address by Lt. Governor John Bohlinger

John Bohlinger was elected as Montana's Lt. Governor on November 2, 2004. John attended Billings Senior High School, and enlisted in the United States Marine Corps Reserve during his senior year. After graduation, he attended the University of Montana, but was called to active duty in the Marines between his sophomore and junior year. John completed his service in the Marines with an honorable discharge, returned to the University of Montana, and earned a degree in business. John returned to Billings and went to work in his family business. During his 33-year career as a small businessman, John also worked for many community organizations in the Billings area. He was a member of the Board of Directors of the Billings Chamber of Commerce, First Interstate Bank West, Yellowstone Boys and Girls Ranch, and the Billings Studio Theater. John served as Chairman of the Board of Directors of the St. Vincent de Paul Society, and as a member of the St. Patrick's Catholic Church Parish Council. He also has served as president of the Board of Directors of the Yellowstone Art Museum and president of the Billings Symphony. John is also a veteran of the Montana legislature. First elected in 1992, John served three terms in the Montana House and was twice elected to the Montana Senate.

Welcoming Address by Mayor James (Jim) Smith

Mayor James (Jim) E. Smith was elected Mayor of Helena, Montana in November of 2001. Prior to his election as mayor, Jim served as a city commissioner from January 2000 – December 2001. Jim was born in Anaconda in 1948, oldest of six children. The family moved to Lake County, Indiana when he was about one-year old, but nearly every summer included a trip to Montana. Jim returned to Montana in 1966 to attend Carroll College and graduated in 1970 with a degree in History. Mayor Smith enrolled in night school in 1987 and received a Masters in Public Administration from MSU in 1992. In 1978 Jim began working on public policy and legislative matters, first with the Montana Senior Citizens Association, then with Rocky Mountain Development Council, and finally with the Region VIII Community Action Association. Jim is the co-owner of Smith & McGowan, Inc, a lobbying and association management firm representing the Montana Pharmacists, County Attorney's Association, Sheriff's Association, and Community Mental Health Centers.

Keynote Address by Mark Monmonier

Mark Monmonier is Distinguished Professor of Geography in the Maxwell School of Citizenship and Public Affairs at Syracuse University. He received a B.A. in mathematics from The Johns Hopkins University in 1964 and a Ph.D. in geography from The Pennsylvania State University in 1969. He has served as editor of *The American Cartographer* and president of the American Cartographic Association, and has been a research geographer for the U.S. Geological Survey and a consultant to the National Geographic Society and Microsoft Corporation. Monmonier's awards include a Guggenheim Fellowship in 1984, a Chancellor's Citation for Exceptional Academic Achievement from Syracuse University in 1993, the Association of American Geographers' Media Achievement Award in 2000, and the American Geographical Society's O. M. Miller Cartographic Medal in 2001. He has published numerous papers on map design, automated map analysis, cartographic generalization, the history of cartography, statistical graphics, geographic demography, and mass communications, and is author of several books, including *Maps, Distortion and Meaning* (Assn. of American Geographers, 1977); *Computer-Assisted Cartography: Principles and Prospects* (Prentice-Hall, 1982); *The Study of Population: Elements, Patterns, Processes* (Charles E. Merrill, 1983; with George Schnell); *How to Lie with Maps* (Univ. of Chicago Press, 1991; 2nd ed., revised and expanded, 1996); *Drawing the Line: Tales of Maps and Cartocontroversy* (Henry Holt, 1995); *Cartographies of Danger* (Univ. of Chicago Press, 1997); *Air Apparent*, a study of the evolution and significance of weather maps (Univ. of Chicago Press, 1999); and *Spying with Maps: Surveillance Technologies and the Future of Privacy* (Univ. of Chicago Press, 2002), which received the Association of American Geographers' Globe Book Award for Public Understanding of Geography;

Monmonier has served on the National Research Council's Mapping Science Committee and the NRC Panel on Planning for Catastrophe, and is editor of Volume Six (the Twentieth Century) of the general history of cartography published by the University of Chicago Press. He is currently working on a book on the history, reliability and implications of cartographic representations of coastlines.

Conference Workshops

Monday, April 3

MontanaView

An Introduction to Remote Sensing

Time: 9:00 am - 3:00 pm

\$100 - member / \$120 non-member

Free and discounted rates available to MontanaView cooperators.

Cartography Essentials

8:00 am - Noon

\$50 - member / \$60 - non-member

Zen of ArcGIS - Introduction

1:00 pm - 5:00 pm

\$50 - member / \$60 - non-member

Distributed GIS

1:00 pm - 5:00 pm

\$50 - member / \$60 - non-member

GeoDatabase - Introduction

Time: 8:00 am - 5:00 pm

\$100 - member / \$120 non-member

Rural Addressing

1:00 pm - 5:00 pm

\$50 - member / \$60 - non-member

Metadata

1:00 pm - 5:00 pm

\$50 - member / \$60 - non-member

Updating the GCDB

8:00 am - Noon

\$50 - member / \$60 - non-member

Friday, April 7

MontanaView

An Introduction to Remote Sensing

Time: 9:00 am - 3:00 pm

\$100 - member / \$120 non-member

Free and discounted rates available to MontanaView cooperators.

Using the National Hydrography Dataset

8:00 am - Noon

\$50 - member / \$60 - non-member

Implementing ArcIMS

Time: 8:00 am - 5:00 pm

\$100 - member / \$120 non-member

Field Based Data Collection

8:00 am - Noon

\$50 - member / \$60 - non-member

Spatial Statistics

Time: 8:00 am - 5:00 pm

\$100 - member / \$120 non-member

