Montana Association of Geographic Information Professionals

2007 Annual Meeting
Miles Community College
Miles City, MT

Tuesday, March 13 and
Wednesday, March 14
Meetings and Presentations

Thursday, March 15
Full Day Workshops

Miles City Motels

Online Registration Form
You may use this form to pay now by credit card or to notify us that you will be sending payment later. For more in
please contact Janet Cornish at 406-723-7993 or JanAllyce@aol.com

Meetings and Presentations

Tuesday, March 13

- **1:00 - 1:30 PM**
  Welcome
    - MAGIP President
    - Mayor of Miles City
    - County Commissioner
    - Representative of Miles City Community College
- **1:30 - 3:00 PM**
  GIS in Government Panel
    - Panel made up of Counties and Agencies using GIS in South Central and Eastern Montana. The panel will be moderated by Chuck Egan, former Stillwater County Commissioner and promoter of government GIS.
    - Each panel member will briefly discuss the GIS process in their county or agency and then open up for questions later.
- **3:00 - 3:15 PM**
  —Break
- **3:15 - 3:45 PM**
  Montana land Information Act and Grants program
    - Stewart Kirkpatrick, State of Montana GIS Coordinator
- **3:45 - 4:00 PM**
  Needs assessment for Eastern Montana GIS.
    - Chuck Egan, Stillwater County

Wednesday, March 14

- **8:00 - 8:30 AM**
  —Continental Breakfast
- **8:30 - 9:00 AM**
  Why MAGIP
    - Gerry Daumiller, MAGIP President
    - Bryant Ralston, MAGIP Board of D
        - Active List Server
        - Quarterly Vector Newsletter
        - WebEx conferencing ability
        - Professional Development Opportunities
        - Technical Committee
        - SIGs - Local government, Water/wastewaster, GPS us
        - Website, meeting planning
        - Eastern Montana Chapter of
- **9:00 - 10:00 AM**
  DES, GIS, and Homeland Security
    - Bryant Ralston, ESRI
    - Butch Renders, Disaster and Emer Services Coordinator, Richland Co
    - Eric Eidswick, Critical Structures C Montana Department of Administra
- **10:00 - 10:15 AM**
  — Break
- **10:30 AM - 12:00 PM**
  Breakout Sessions
    - E911 Survival Kit

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  Breakout Sessions
    - **E911 Survival Kit**

- **4:00 - 4:30 PM**
  Breakout Sessions
    - **Small government GIS**
        - Jim Larson, GIS Manager, Stillwater County
        - Bryant Ralston, ESRI
    - **Montana State Library GIS Data Clearinghouse**
        - Sibyl Govan, NRIS Projects Manager, Montana State Library
    - Space is available for other meetings
- **MAGIP Sponsored Banquet**
  Miles City Town and Country Club/Louie's Restaurant
  Corner of 4th and Eagle
    - 5:00 PM -- Cocktails
    - 6:00 PM -- Dinner
    - **Dinner Speaker -- Historian Amorette Allison**

- Becky Berger, Montana 911 Manager
- Jim Larson, GIS Manager, S County
    - **GIS at the National Weather Serv**
        - Tanja Fransen, Warning Co Meteorologist
        - Tom Frieders, Warning Coo Meteorologist
    - **The Montana Control Point Datal**
        - Rj Zimmer, PLS, GIS Directo Engineering, Surveying, and
        - Stewart Kirkpatrick, GIS Co Montana Dept of Administra
- **12:00 - 1:00 PM**
  Lunch
    - Miles Community College
- **1:00 - 3:00 PM**
  Breakout Sessions
    - **All Thing Cadastral**
        - Stewart Kirkpatrick, GIS Co Montana Department of Adn
    - **Farm Services Agency Common (CLU)**
        - Dane Schnidt, USDA Farm ! Agency
        - Lori Margheim, USDA Farm Agency
    - **Precision Agriculture**
        - Catherine Maynard, Ph.D. State Geospatial Analyst USDA Natural Resources C Service
        - Van Shelhamer President GeoEssentials, Inc.
        - **Height Modernization**
    - **3:00 - 3:15 PM**
      Break
    - **3:15 - 4:15 PM**
      GIS and the Derby Fire
        - Evacuations, Rescues, and Columbus Rural Fire Depart
        - GIS information from the Ea Montana Fire Complexes
    - **4:15 - 5:00 PM**
      Breakout Sessions
        - **Building GIS partnerships Eastern Montana and the !**
        - Space is available for other

Full Day Workshops 8:30 AM - 5:00 PM
Thursday, March 15, 2007

Miles City Community College

Introduction to ArcGIS 9.2
- Presenter: Jim Larson, Stillwater County GIS
- Learn about ESRI's newest software version

Using Remote Sensing for Land Management Decisions
- Presenter: Van Shelhamer, GeoEssentials, Inc.
- Ever wonder how remote sensed images, collected by satellites or airplanes, can be used for making land management decisions or determine vegetative conditions on large land areas? If so, this hands-on-work you. A brief explanation of the principles of remote sensing and how plants interact with the electromagnetic spectrum will be presented.

  Participants will have hands-on experience in measuring light reflectance values of various plants to furth understanding of the concepts of remote sensing. A producer will present how he uses images and geospatial technologies on his operation. Participants will be at the computer using MultiSpec software, provided free to participants, to examine images of Eastern Montana, determine visual differences in the images, experim false coloring, and identify different vegetative areas. Vegetation classification of an image can be used for management decisions and has application in a number of agricultural situations. Participants will learn how to access LandSat satellite and other images for your area of interest from MontanaView.

Spatial Data Modeling and Database Design with the GeoDatabase
- Presenter: Stuart Challender, Montana State University
  ESRI Staff
- This workshop will introduce data modeling concepts in the context of a database design process resulting in a logical database schema that can be implemented in the ESRI GeoDatabase.

  Concepts are intended to build the knowledge base and skills necessary to develop spatial databases that adequately support the intended applications. This is important for people developing GIS applications th local issues as well as providing important background information for people interested in participating in the Montana Land Information Advisory Council (MLIAC) grant initiatives or statewide database development by providing standardized data to Montana Spatial Data Infrastructure (MSDI) framework efforts.

  This workshop will benefit people new to data modeling as well as those who are looking to upgrade their data models to the GeoDatabase. Specific topics include:
  - Spatial data models
  - Relational database concepts
  - Database design process
  - Building a database schema (specifications for the database)
  - Examples of data models
  - Implementing the schema in the Geodatabase (hands on)
  - Documentation / metadata

Lodging
The conference committee have reserved a block of rooms at the War Bonnet Inn.
Please tell the clerk you are with the MAGIP conference if you book a room there.

Best Western War Bonnet Inn	Econo Lodge	Motel 6
1015 S Haynes	1209 S Haynes	1314 S Haynes
I-94 Exit 138	I-94 Exit 138	I-94 Exit 138
406-234-4560	406-232-8880	406-232-6941
Budget Inn	Guest House Inn & Suites	Olive Hotel/Motel
1006 S Haynes	3111 Steel St	501 Main
I-94 Exit 138	I-94 Exit 138	406-234-2450
406-874-3550	406-232-3661	

1-800-525-6303

Comfort Inn
1616 S Haynes
I-94 Exit 138
406-234-3141

1-800-21-GUEST

Holiday Inn Express
1720 S Haynes
I-94 Exit 138
406-234-1000

Super 8 Motel
I-94 Exit 138
406-234-5261
1-800-800-8000