

TRACK 1 – AGENDA

DAY 1 – NOVEMBER 5TH, 2013

7:30 – 8:00 a.m.

CEIC Conference Area Room 116

Registration & Check-In

8:00 a.m. – 12:00 p.m.

Room 226/228

ArcGIS Online with Published Datasets

Presenter: Leslie Zolman, Erin Fashoway and Ken Wall

ArcGIS Online is a “cloud” mapping service that offers a vast collection of high-quality GIS resources including maps, applications, and tools that are freely accessible. In this workshop, you will learn how to make a map, add published datasets to the map and share it. The presenter will also demonstrate how to use pop-ups, symbology and other tools to add more information and interactivity to your maps. ArcGIS Online subscription for organizations will also be covered and attendees will learn how to publish services and make them available to specific groups or even open them to the general public.

12:00 – 1:00 p.m.

Lunch – on your own

1:00 – 5:00 p.m.

Room 226/228

Manipulating Census Data in ArcGIS

Presenter: Jim Castagneri

This hands-on session will place a heavy focus on practicing the skills of downloading and importing custom queries from American Factfinder into ArcGIS. Attendees will select a specific variable from American Factfinder and download it to their workstation. You will then format the data in Excel before importing it into ArcGIS for a specific level of Census geography. We will explore the ramifications of large Margins of Error for small geographies and discuss tips for avoiding the pitfalls associated with the American Community Survey sample size.

TRACK 1 – AGENDA

DAY 2 – NOVEMBER 6TH, 2013

8:00 – 8:30 a.m.
Check-In

CEIC Conference Area Room 116

8:30 a.m. – 12:00 p.m.

Room 226/228

Using American Factfinder & Other Data Query Tools

Presenter: Mary Craigle & Joe Ramler

Yes, even though the American Factfinder is a terribly complicated tool, data can be retrieved from it. Settle in for a morning spent in the wonderful world of the American Factfinder (AFF2). The interactive training will give data users experience with the data sets available and using the tools to retrieve and download information.

TRACK 2 – AGENDA

DAY 1 – NOVEMBER 5TH, 2013

- 7:30 – 8:00 a.m.** **CEIC Conference Area Room 116**
Registration & Check-In
- 8:00 – 8:30 a.m.** **Room 504**
MT Department of Commerce – Welcome
- 8:30 – 9:45 a.m.** **Room 504**
Population Projections – Montana's Aging Population
Presenter: Joe Ramler
Montana's population is getting older and is expected to continue aging into the future. What does this mean for the State and local communities? How will this impact Montana's current and future businesses and workers? This presentation will discuss these and other questions surrounding the State's aging population.
- 9:45 – 10:00 a.m.**
Break
- 10:00 – 11:00 a.m.** **Room 504**
CEIC Website Overview & Area Profiles
Presenter: Mary Craigle & Dick Hanson
CEIC's website has been completely overhauled. Come see all the features and tools that allow users to find and retrieve the most updated information on Montana's people and economy.
- 11:00 a.m. – 12:00 p.m.** **Room 504**
Eastern Montana Population Projections
Presenter: Joe Ramler
With the development of the Bakken shale formation in western North Dakota and eastern Montana, population change in the region has become highly contingent on oil development and activities supporting the oil industry. This presentation will cover efforts made to quantify the potential effects increased oil development may have on the population in eastern Montana counties.
- 12:00 – 1:30 p.m.**
Lunch – on your own

TRACK 2 – AGENDA (CONTINUED)

DAY 1 – NOVEMBER 5TH, 2013

1:30 – 2:45 p.m.

Room 504

State of the Montana Economy

Presenter: Barb Wagner

A review of the Labor Day Report, including Montana's current economic situation, how we got here, and where we are going. Barb will also discuss the data sources for labor market information.

2:45 – 3:00 p.m.

Break

3:00 – 3:15 p.m.

Room 504

The State of the State's Health

Presenter: DPHHS

As part of Montana's public health improvement process, we developed a snapshot of the current state of the population's health in five domains: chronic disease, maternal and child health, communicable disease, injury prevention and environmental health, and mental health and substance abuse. The health assessment revealed an aging population with a high prevalence of health risk factors – many associated with lifestyle choices and therefore potentially modifiable. If current trends persist, we predict an in-creasing burden on the health care system, especially from chronic disease, and an increasing burden on the public sector to pay. The public health improvement process will focus on risk reduction and enhanced preventive activities.

3:15 – 4:15 p.m.

Room 504

Montana's Future Population & Hospital Costs

Presenter: Bruce Schwartz & Cody Custis

This presentation will focus on hospital utilization and the impact of Montana's aging population. We'll examine health care utilization in 2012, and examine how that is expected to change. We will also discuss the leading causes of death and the age at death for Montanans.

4:15 – 4:45 p.m.

Wrap Up

TRACK 2 – AGENDA

DAY 2 – NOVEMBER 6TH, 2013

8:00 – 8:30 a.m. **CEIC Conference Area Room 116**
Check-In

8:30 – 10:15 a.m. **Room 504**

Montana Exports – Information & Data Tools

Presenter: Omari Wooden & Sara Warren

This presentation will provide an update on Montana's commodity exports to the State's partner countries along with training and an overview of the Census Bureau's Foreign Trade Division three main areas: trade data, export regulations, and the Automated Export System (AES).

10:15 – 10:30 a.m.
Break

10:30 – 11:00 **Room 504**

Census Bureau API Tools – Tiger Web Development

Presenter: Jim Castagneri

This topic will present a number of new initiatives at the Census Bureau which suggest a bright future for GIS and Census data analysis. With the introduction of TIGERWeb last year, and the new pre-loaded geodatabases this year, the Census Bureau launched a new era of serving census geography data online. Now with the advent of the Census API, new possibilities exist for merging dynamic queries with desktop GIS and GIS online.

11:00 a.m. – 12:00 p.m. **Room 504**

Planning for Montana's Future

Presenter: Allison Mouch

Planners in Montana are tasked daily with using data to effectively plan for the future of our cities, counties and our state. This presentation will focus on the various ways planners can utilize data to meet their needs and where and how they can access and download useful data. Whether planning for the public or private sector, the use of data to quantify past, present and future needs is often the most convincing argument for proactive planning.

12:00 – 12:15 p.m.
Wrap Up

PRESENTER BIOGRAPHIES

Allison Mouch, AICP

Allison Mouch joined the Montana Department of Commerce in March 2012 as Planning Bureau Chief for the Community Development Division. Allison has worked in the public, private and non-profit sector, spanning several states including Ohio and Virginia, prior to moving to Montana in 2008. She is an AICP certified professional planner and an active member of the American Planning Association, sits on the Montana Association of Planners Board of Directors, and was recently appointed the Professional Development Officer for APA's West Central Chapter.

Allison holds a bachelor's degree in architecture from Miami University (OH) and a Masters of Urban and Environmental Planning from the University of Virginia in Charlottesville. During her time in the mid-Atlantic, Allison worked as a land planner for a private developer specializing in equestrian community and trail design. She also worked for the Institute for Environmental Negotiation helping to facilitate collaboration between local governments, community leaders, business organizations and key stakeholders on environmental policy and planning decisions. After completing her graduate degree, Allison spent four years working as a planner in Flathead County, focusing primarily on long range planning and the recent Growth Policy update.

Allison was published in the fall 2012 edition of the Montana Policy Review, which focused on community responses to energy development. She was selected to present on rural community impacts related to oil and gas development at the 2013 National Planning Conference in Chicago, and was also a speaker in APA's webinar entitled "Fracking and Resource Extraction and Community Planning" held in February 2013.

Barb Wagner

Barbara Wagner is the Chief Economist with the Montana Department of Labor and Industry, providing research and information on Montana's labor market to policy makers, media, and the public. Her research includes diverse topics such as green jobs, the job retention of newly hired workers, business survival rates, the aging workforce, and the economic impact of restoration. Her previous work experience includes research positions with the U.S. Senate, the Montana Department of Revenue, and the University of Minnesota. Barbara's published research on the healthiness of school meals won the Outstanding RAE Article award from the Agricultural and Applied Economics Association, and she has also won regional awards for her labor market publications. She holds a BA

with honors in economics and political science from the College of Saint Benedict/ St. John's University in Minnesota, and an MS in Applied Economics from the University of Minnesota. A Montana native, Barbara also served as a founder and officer of the Helena Young Professionals, serves as a board member on the Employee Investment Advisory Board for the state retirement systems, and has previously served as Race Chair for the Montana Race for the Cure. She has also formed an informal lunch group with other economists in the state to improve communication and productivity across agencies. In her free time, Barbara enjoys hiking, home improvement projects, floating, skiing, trapshooting, and playing guitar hero.

Bruce Schwartz

Bruce Schwartz has an educational background in the social sciences and has worked in Montana Vital Statistics for over two decades.

Cody Custis

Cody L. Custis is the Montana Hospital Discharge Data System Epidemiologist, and previously worked as the natality statistician at the Montana Office of Vital Statistics and an instructor in mathematics at UM-Helena and Carroll College. He received his BA in Mathematics and Economics from the University of Montana, and MS in Statistics from Montana State University. He is a Certified Base Programmer for SAS 9. An avid ultra-runner, he recently completed his first 50 mile event, the Trail Rail Run.

Dick Hanson

Dick Hanson is the Web Developer for the Census and Economic Information Center (CEIC) at the Montana Department of Commerce. He has been with CEIC for 1.5 years. He has been programming web sites for more than ten years. Dick holds a bachelor's degree in Physics from the University of Utah.

Erin Fashoway

Erin Fashoway is a Geographic Information Systems (GIS) Analyst for the Montana State Library Geographic Information program. She has worked with the state for over 7 years. Most of her focus is on maintaining and creating Administrative Boundary data for the State of Montana. She has been using ArcGIS Online since its first release in 2009. Prior to working for the State of Montana, Erin worked as an Inside Sales and Marketing Representative at Esri and as a GIS Analyst at the Northwestern Water and Sewer District. Erin has a Bachelor's in Geography from Bowling Green State University and a Masters in City and Regional Planning from

Ohio State University. Erin is currently a member of the Montana Association of Geographic Information Professionals and served on its Board of Directors from 2009 – 2011, in which she held the positions of Vice President, President, and Past President.

Jim Castagneri

Jim has worked for the Denver office of the U.S. Census Bureau since 1985. He obtained his bachelor's degree in Geography from the University of Colorado in Boulder in 1984. Jim specializes in GIS application and Enterprise GIS solutions.

Joe Ramler

Joe Ramler is the Senior Economist for the Census & Economic Information Center (CEIC) at the Montana Department of Commerce where he's been for over 2 years. Prior to working for the Department, Joe headed up novel economic research bringing together private and public wildlife officials and cattle producing constituencies around Montana – this work is currently under peer review for publishing in the American Journal of Agricultural Economics.

Joe holds a master's of economics and an undergraduate degree in economics and political science from the University of Montana, Missoula. During his time away from the office, Joe enjoys the luxuries of Montana's great outdoors while fishing, hunting, boating, and skiing.

Ken Wall

Ken Wall is the president of Geodata Services, Inc. which provides GIS consulting and sales for government and private sector. Specializing in CommunityViz smart growth software and ESRI Business Analyst. Ken is an authorized trainer for ArcView I: Getting to Know GIS, and a certified CommunityViz trainer and consultant.

Geodata Services was an ESRI Foundation Business Partner of the Year for 2008, and new partner of the year in 2000. Geodata also is a business partner with Lizardtech and distributor of Mr Sid compression software, and Placeways LLC, selling CommunityViz software. Geodata Services was founded in 1993 and is headquartered in Missoula, Montana in the heart of the Northern Rockies.

Leslie Zolman

Leslie Zolman is the Montana Department of Commerce, Census and Economic Information Center GIS coordinator. She has been with CEIC for 2 years and has provided leadership and shared vision for

implementing cloud based interactive maps and received the Special Achievement in GIS Award from Esri in 2013. Her past GIS work has included working with non-profit organizations in the US and abroad.

Leslie holds a master's of GIS from Penn State and an undergraduate degree in microbiology. She holds a geographic information systems professional (GISP) certification and is a member of the GISP review committee. She is the current Professional Development Committee chair for the Montana Association of Geographic Information Professionals.

Mary Craigle

Mary is the Bureau Chief for the Census and Economic Information Center (CEIC) at the Montana Department of Commerce. She has been working in economics and research for more than 31 years. Her career includes several research manager positions with the state and heading her own market research company for fifteen years.

Mary holds a Master's Degree in Quantitative Analysis from the University of Missouri and several undergraduate degrees from the University of Montana. Along with work, her current roles include serving as Vice Chair for the US Census Bureau's State Data Center Steering Board and Secretary and board member for the Montana Community Foundation and Montana Women's Foundation.

Omari Wooden

Mr. Omari Wooden joined the U. S. Census Bureau, Foreign Trade Division in 1997 and is currently the Foreign Trade Division's Senior Foreign Trade Advisor. Mr. Wooden's primary responsibility is to oversee the outreach and marketing related to the trade statistics, Foreign Trade Regulations (FTR), and the Automated Export System. Mr. Wooden helps educate U.S. businesses on how to use the official trade statistics to expand in the global marketplace. He provides and coordinates training to the trade community on a wide range of topics, from interpreting the FTR to utilizing USA Trade Online, the official online source for U.S. merchandise trade statistics.

Mr. Wooden has been recognized numerous times for his outstanding work with the export trade community. He has received special recognition for his effort with the AES Team for marketing and customer service. In 2002, he was awarded a group Hammer Award for his work on the AES. In addition, he was also awarded a group Director's Award for Innovation in 2008 for his role on the AES Compliance Review Program and in 2002 for his work on *AES PcLink*. Most recently, Mr. Wooden received a team Silver Medal Award for Leadership from the Department

of Commerce for his work on the revision and implementation of the current FTR.

Mr. Wooden received his Bachelor of Science degree in Mathematics and Master of Science degree in Management from the University of Maryland. In addition, he has received a Master's Certificate in Project Management from the George Washington University School of Business.

Sara Warren

Sara Warren has served as the Montana Department of Commerce's Export Marketing Officer since 2008. Her primary responsibility is to help Montana companies market their products overseas. Sara attended the University of Alberta and the University of Montana, Missoula, and graduated with a Business Administration Degree having an International Focus from U of M in 2003.

Sara has worked in the field of international trade since 2003 beginning with a startup import venture. In 2005, Sara joined an international coffee program called Cup of Excellence, and had the opportunity to travel across the globe searching for the world's best coffee selections. Since working with the Montana Department of Commerce, Sara has provided export counseling to hundreds of Montana companies in various sectors and markets world-wide.