<table>
<thead>
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</table>
| 7:30 – 8:30am| Registration Open  
              Breakfast Provided  
              Rooms 112/113 |
| 8:00 – Noon  | **ArcGIS Pro**  
              Training Workshop  
              Joe Peters  
              *Esri*  
              Rooms 112/113 |
| Noon – 1:30pm| **Lunch on your own**  
              *Explore Historic Downtown Douglas* |
| 1:30 – 2:45pm| **Opening Keynote**  
              “Small Town/Big City Trends and Best Practices”  
              Matt Noonkester  
              *City Explained, Inc.*  
              Rooms 112/113 |
| 2:45 – 3:00pm| National States Geographic Information Council (NSGIC) Update  
              Karen Rogers  
              *State of Wyoming*  
              Rooms 112/113 |
| 3:00 – 3:15pm| Break |
| 3:15 – 5:00pm| **ArcGIS Online Product Training**  
              Joe Peters  
              *Esri*  
              Room 112  
              **Planning Ethics Case of the Year**  
              (Ethics Credit)  
              Megan Nelms, AICP - *Campbell County*  
              Charles Bloom, AICP – *City of Laramie*  
              Room 113 |
| 5:30 – 9:00pm| **Reception at the College Inn**  
              105 N 2nd Street |
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<tr>
<td>7:00 – 8:15am</td>
<td>Registration Open&lt;br&gt;Breakfast Provided&lt;br&gt;&lt;br&gt;7:30am – WyGEO Business Meeting (WyGEO Members)</td>
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<tr>
<td>8:15 – 9:30am</td>
<td>Planning 101 Meets GIS 101&lt;br&gt;Megan Nelms, AICP - Campbell County&lt;br&gt;Joy Hill, CFM - Park County</td>
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<td>9:30 – 9:45am</td>
<td>Break&lt;br&gt;9:45 – 11:00am Web Enabled Planning Tools&lt;br&gt;Angela Rudolph&lt;br&gt;Greenwood Mapping&lt;br&gt;Digital Planning Starts with Common Tools&lt;br&gt;Annie Mayfield&lt;br&gt;City of Gillette&lt;br&gt;New Tools for Old Problems: Integrating GIS into State Water Planning&lt;br&gt;Peter Gill&lt;br&gt;WWDC&lt;br&gt;The Economic and Social Benefits of Main Street&lt;br&gt;Chad Banks&lt;br&gt;Rock Springs Main Street/Urban Renewal Agency&lt;br&gt;Quebec Missile Site Park: From Concept to Completion&lt;br&gt;Christina Bird&lt;br&gt;Wyoming State Parks</td>
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<tr>
<td>11:00 – 11:15am</td>
<td>Break</td>
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<tr>
<td>11:15 – 12:30pm</td>
<td>Planning the Future with Remote Sensing Technologies&lt;br&gt;Jason Caldwell&lt;br&gt;The Sanborn Company, Inc.&lt;br&gt;Utilizing Drones in Local Government&lt;br&gt;Jordan Evans&lt;br&gt;Cheyenne and Laramie County GIS Cooperative&lt;br&gt;What’s Your System? Project Management&lt;br&gt;Stephanie Lowe&lt;br&gt;City of Cheyenne&lt;br&gt;LaBonte “The Yard”</td>
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# WYGEO/WYOPASS 2018 FALL CONFERENCE SCHEDULE – DAY 2 (PM)
Converse County Library, Rooms 112/113 (300 Walnut Street)
LaBonte, “The Yard” (206 Walnut Street)

## Thursday, October 18, 2018

<table>
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<tr>
<th>Time</th>
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| 12:30 – 1:45pm| Catered Lunch at the Converse County Library<br>
                Guest Speaker: Jeff Hamerlinck, WYGISC<br>
                Room 112/113                                                     |
| 1:45 – 3:15pm | Roadways and Public Data Sets and Other Online Tools<br>
                Marilee Manalo<br>
                State of Wyoming<br>
                Room 113                                                         |
| 1:45 – 3:15pm | Planners’ Extraterritorial Jurisdiction Roundtable Discussion<br>
                Derek Teini, AICP – City of Laramie<br>
                Megan Nelms, AICP – Campbell County<br>
                Sid Fox – Carbon County<br>
                Room 112                                                         |
| 3:15 – 3:30pm | Break                                                                |
| 3:30 – 4:45pm | Turning Towards the Future: National Geodetic Survey<br>
                Pam Fromhertz – NOAA<br>
                Mark Corbridge – WYDOT<br>
                Room 112                                                         |
| 3:30 – 4:45pm | Digital Tools for Planning, Preservation and Placemaking<br>
                Michael Davenport<br>
                City of Manitou Springs<br>
                Room 113                                                         |
| 3:30 – 4:45pm | Understanding “Wheel Estate”<br>
                Charles Bloom<br>
                City of Laramie<br>
                LaBonte<br>
                “The Yard”                                                       |
| 5:00 – 6:00pm | WYGEO Board Meeting<br>
                Room 112                                                         |
| 5:00 – 6:00pm | WYOPASS Board Meeting<br>
                Room 113                                                         |
| 6:30 – 10:00pm| Reception and WYOPASS Awards<br>
                House of Pinz<br>
                116 N 3rd St                                                     |
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| 7:30 – 8:30am| Registration Open  
Breakfast Provided                                                   |
| 8:30 – 9:45am| NG911 Data  
Jason Isherwood  
Public Safety  
Glen Crumpton  
Laramie County Combined Communications Center  
&  
Karen Rogers  
Wyoming Game & Fish  
Room 112  
Should Right-of-Way Be Zoned?  
Clark Sanders  
City of Gillette  
Wyoming’s Watershed Progress Report Story Map  
Cathy Rosenthal  
Wyoming Association of Conservation Districts  
Room 113  
Regulating Vacation Rentals:  
The Cody Experience  
Todd Stowell  
City of Cody  
LaBonte  
“The Yard” |
| 9:45 – 10:00am| Break  
Geospatial Resources for Planners:  
A Brief Introduction to the Natural Resource and Energy Explorer (NREX) and the Wyoming Geospatial Hub (GeoHub)  
Teal Wyckoff  
WYGISC  
Room 112  
Mobile Vending Fall Update  
Derek Teini  
City of Laramie  
Room 113 |
| 10:00 – 11:15am|  
Closing Presentation  
Lee Johnston  
Esri  
Rooms 112/113 |
Wednesday, October 17, 2018

7:30am – 8:30am

Rooms 112/113

● Registration Open – Breakfast provided

8:00am – Noon

Rooms 112/113

● ArcGIS Pro Training Workshop (FREE to Conference Registrants!)
  Joe Peters, Esri
  (4 CM Pending)
  Joseph Peters is a Local Government Solution Engineer at Esri in Broomfield, Colorado. Joseph will provide training on the new ArcGIS Pro. Bring your own computer or just sit in and watch the action!

Noon – 1:30pm

● Lunch on your own in Historic Downtown Douglas!

1:30pm – 2:45pm

Rooms 112/113

● Opening Keynote Presentation: Small Town/Big City Trends and Best Practices
  Matt Noonkester, City Explained
  (1.25 CM Pending)
  Our keynote speaker will kick off the conference by discussing current trends in GIS and planning, and the valuable crossover between the two disciplines. This is a valuable session for the Planner and GIS professional.

About the Speaker:

Matt Noonkester has 21 years of progressive planning experience managing projects that help local, regional and state government officials tackle difficult public policy planning issues. He has extensive experience using geographic information system (GIS) software to measure the built environment and leading community groups through a comprehensive planning process. Mr. Noonkester is a CommunityViz classroom instructor, and routinely speaks at professional conferences, expert panel sessions, and technical user group meetings on the topic of scenario planning and CommunityViz software. He has also partnered with staff and elected officials throughout the United States to prepare regional growth studies, comprehensive plans, small area plans, corridor studies, capital improvements plans, land development regulations, urban design guidelines, development impact fee ordinances, and other special studies consistent with state law and community context.
2:45pm – 3:00pm

**Rooms 112/113**

- **National States Geographic Information Council (NSGIC) Update**
  Karen Rogers, Wyoming Game and Fish Department
  
  (1.25 CM Pending)

  The National States Geographic Information Council (NSGIC) is a national advocacy group that works to improve state government use and sharing of geospatial data and technology to benefit public and private entities. Karen will discuss key events and updates from their recent annual conference.

  **About the Speaker:**

  Karen Rogers is a Habitat Protection Analyst with the Wyoming Game and Fish Department. She got her start in GIS as an archeologist with the Pinedale BLM 20 years. She currently serves as President of WyGEO and recently assumed the position of President-Elect for the NSGIC. Karen keeps busy and entertained raising two beautiful children, Miles and Robin. In her spare time she enjoys gardening, hiking, backpacking, and skiing. Follow and connect with Karen: Twitter @KarenWyGIS, LinkedIn https://www.linkedin.com/in/karen-rogers-gisp-7bba017a/

3:15pm – 5:00pm

**Room 112**

- **ArcGIS Online Product Training**
  Joe Peters, Esri
  
  (1.5 CM Pending)

  This training will highlight two ways Esri products can bring non-spatial data into decision making by showcasing:

  - Insights, which allows for data from many sources (Excel/Access/Web Services etc.) to be made into powerful visualizations that can be incorporated into your web maps.

  - Business Analyst Online, which is a powerful tool that provides important decision making data from a variety of sources, all over the world, including your community.

  **About the Speaker:**

  Joseph Peters is a Solution Engineer supporting local governments for Esri. He works out of the Denver regional office. He has a Bachelor of Science in Environmental Science and Geology from the University of Vermont and a Master of Engineering in GIS from the University of Colorado Denver. He enjoys deploying new technology to existing problems in order to simplify workflows, save money, save time, reduce headaches, and make the world a slightly better place along the way.

**Room 113**

- **Planning Ethics Case of the Year**
  Megan Nelms, AICP and Charles Bloom, AICP
  
  (1.5 Ethics CM Pending)

  All practitioners sometimes grapple with the right thing to do in complex and often ambiguous situations that seem inconsistent with their own experiences or the AICP Code. Ethical roots are inherent to the planning profession and strengthened with experience and regular discussion. This session provides a fun-filled primer on the importance of the AICP Code of Ethics, with an interactive exploration of potential ethical challenges in planner. Learn about common types of ethical scenarios faced by professional planners, based on real-life examples from this past year and how to make ethical decisions more easily.
About the Speakers:

Megan Nelms has been the County Planner and Zoning Administrator for Campbell County Wyoming for 10 years where she is responsible for the County’s overall planning, nuisance mitigation and permitting functions. Megan received her B.S. degree in Geography and Planning from the University of Wyoming in and her M.S. degree from South Dakota State University in Rural Sociology and Community Development in 2010. Megan is active with the local Campbell County Economic Development Corporation and the Northeast Wyoming Economic Development. In 2010 she was awarded Planner of the Year – New Professional by the Wyoming Planning Association (WYOPASS). In 2017 she was awarded Planner of the Year Wyoming Planning Association (WYOPASS). She also serves as Treasurer of WYOPASS.

Charles Bloom has been with the City of Laramie for over 13 years. Charles’ experience involves drafting of Laramie’s Unified Development Code, subdivision administration, development review, drafting of planning related regulations and ordinances, and anything possibly considered planning related. Prior to Laramie, Charles worked for the City of Little Rock in Long Range Planning and Historic Preservation. Charles has a bachelor’s degree in Environmental Design from the University of Colorado, Boulder and a master’s degree in Urban and Regional Planning from the University of Colorado, Denver. In 2017 he was awarded Planner of the Year by the Wyoming Planning Association (WYOPASS). He also serves as Vice President of the Western Central Chapter of the American Planning Associations and Past-President of WYOPASS.

5:30pm – 9:00pm

- Reception at the College Inn, 105 North 2nd Street, Douglas
Thursday, October 17, 2018

7:00am - 8:15am

Rooms 112/113
- Registration Open – Breakfast provided

7:30am – 8:15am

Rooms 112/113
- WyGEO Business Meeting (all are welcome to attend)

8:15am - 9:30am

Rooms 112/113
- **Planning 101 Meets GIS 101**
  Megan Nelms, AICP and Joy Hill, CFM
  (1.25 CM Pending)
  What is a planner? What does a planner do? What tools does a planner need to be successful? We'll introduce you to the world of planning and the many hats that planners wear, then dive into the diverse tools available to assist planners in the world of GIS. We will explain what this GIS stuff is so you'll know more than just how to spell it. Then we will explore a variety of ways that GIS can be used to answer planning questions, track planning activities and support planning functions in a variety of ways. This session is designed to introduce all attendees of the conference to the overlap between planning and GIS in preparation for the more technical and in-depth sessions to follow.

About the Speakers:

Joy Hill has been working with GIS since 1997. She has a B.S. in Environmental Studies (Shippensburg Univ.) and an M.S. in Geology (Northern Illinois Univ.). After 8 years of consulting doing GIS analysis, business process modeling, technical writing and extensive travel, she embarked on a 6-year adventure in land planning and GIS as the Land Planner/GIS Manager for Big Horn County, WY. Recently Joy became the Director of Planning and Zoning in Park County, WY. She has always advocated for the use of GIS to support land planning functions and is the Secretary of both WyGEO and the Wyoming GIS Technical Advisory Group.

Megan Nelms has been the County Planner and Zoning Administrator for Campbell County, Wyoming for 10 years where she is responsible for the County’s overall planning, nuisance mitigation and permitting functions. Megan received a B.S. in Geography and Planning from the University of Wyoming in and an M.S. from South Dakota State University in Rural Sociology and Community Development in 2010. Megan is active with the local Campbell County Economic Development Corporation and the Northeast Wyoming Economic Development. In 2010 she was awarded Planner of the Year – New Professional by the Wyoming Planning Association (WYOPASS). In 2017 she was awarded Planner of the Year Wyoming Planning Association (WYOPASS). She also serves as Treasurer of WYOPASS.
9:45am - 11:00am

Room 112

**GIS Technology Showcase (3 parts) (1.25 CM Pending)**

- **Web Enabled Planning Tools**
  
  Angela Rudolph, Greenwood Mapping
  
  Web enabled GIS is a powerful tool to communicate your current planning and zoning regulations, and to get citizen engagement in the decision-making process. Angela will show how one county is using web mapping to leverage the power of the web to inform and engage the public.
  
  *About the Speaker:*
  
  Angie joined Greenwood Mapping in 2006 and has worked on a large variety of government, nonprofit and private sector projects. Greenwood Mapping provides web mapping solutions for 17 counties in Wyoming and Idaho. They also provide full GIS services for Teton, Sublette and Converse counties in Wyoming, as well as Custer and Clark counties in Idaho.

- **Digital Planning Starts with Common Tools**
  
  Annie Mayfield, City of Gillette
  
  The City of Gillette has created common GIS tools as a means of meeting the following demands: project tracking, streamlining workflows and processes, project analysis, information sharing, and increasing interdepartmental communication, efficiency and productivity. Annie will share some examples of how planners at the City of Gillette are adding efficiency to their workflow by using common GIS tools. The concept of presenting urban concepts digitally will help residents, businesses and governments gain insights into their own community.
  
  *About the Speaker:*
  
  Annie is the Planning and GIS Manager for the City of Gillette. She has a Master’s degree in Urban Geography and a Master’s in Geoscience; she could not have understood either of the two science. She is passionate about her job and has played an instrumental role in bringing GIS tools to planning concepts and processes.

- **New Tools for Old Problems: Integrating GIS into State Water Planning**
  
  Peter Gill, Wyoming Water Development Commission
  
  GIS is a powerful tool that can be used to improve our understanding of Wyoming’s most precious resource - water. As the fourth driest state in the nation, water availability drives everything from population to economics to ecology. A new approach to Long-Term Water Planning in Wyoming will build on new technology (GIS, remote sensing, online mapping) to answer the age old questions planners and decision makers need to answer. The Water Development Commission’s new approach to planning will improve decision support, modernize presentation and lower program costs. New GIS tools and data products will be discussed.
  
  *About the Speaker:*
  
  Peter Gill is a geographer with a degree from the University of Wisconsin. He has worked with state and local governments as well as utilities in Puget Sound and the intermountain west. Peter is currently a Project Manager at the Wyoming Water Development Office. His professional interests include remote sensing applications for water resources, beautiful maps and modeling results you can see. Peter’s long-term goals include a world unafraid of water resource data and presentations full of small tables.
Room 113

- **Quebec Missile Site Park: From Concept to Completion**
  
  Christina Bird, Wyoming State Parks
  
  (1.25 CM Pending)

  The Quebec 01 Missile Alert Facility project was started in 2013 from the findings in the ratified Strategic Arms Reduction Treaty which allowed for one decommissioned Peacekeeper Missile Alert Facility to be turned into a museum or interpretive center. In Spring 2019, Wyoming State Parks will be opening this site as its newest state historic site. From concept to completion, working with the United States Air Force, the U.S. Congress, the Wyoming State Legislature and the Laramie County Planning/ Development office, the Quebec 01 Missile Alert Facility project has been complex. Learn how this project came to be, as well as the timelines, dominoes and critical turning points.

  *About the Speaker:*

  Christina Bird is a District Manager for Wyoming State Parks, Historic Sites and Trails. She and has been with the Division for eight years. Christina Bird is a former associate director of the Cheyenne Frontier Days Old West Museum. Bird received a bachelor’s degree in History from Colorado State University, and has also served as the assistant to the director for the Daughters of the Republic of Texas Museum in Austin.

- **The Economic and Social Benefits of Main Street**

  Chad Banks, Rock Springs Main Street/Urban Renewal Agency
  
  (1.25 CM Pending)

  In 2018, Rock Springs won a Great American Main Street Award (GAMSA) from the Main Street America program; one of 3 awards presented across the country. Rock Springs has been working on redeveloping their downtown district over the past 10+ years using the Main Street Approach. The presentation will address the Main Street approach, the economic and social benefits of the program, what works and what doesn’t.

  *About the Speaker:*

  Chad Banks is a 5th generation Rock Springs, Wyoming resident. He holds a B.S. in Marketing from the University of Wyoming. Prior to his time with the Rock Springs Main Street/Urban Renewal Agency, Chad served as the Marketing Director for the Sweetwater Events Complex. He also served on the Rock Springs City Council from 2002-20013; having been elected as the Council President in 2005. In his spare time, Chad enjoys traveling, hiking and gardening. He has 3 daughters.

11:15am - 12:30pm

Room 113

**Future Showcase**

(1.25 CM Pending)

- **Planning the Future with Remote Sensing Technologies**

  Jason Caldwell, The Sanborn Company, Inc.

  Planning organizations continue to demand higher levels of analysis to make smarter and faster business decisions. There are a range of remote sensing technologies that have emerged to support planning activities where the fusion of Lidar, multi-spectral imagery and machine learning are used to expedite and better inform the decision making processes. This presentation will focus on how the planning discipline is taking advantage of remote sensing work flows to support public welfare associated with land use, transportation, water, agricultural, and environmental initiatives.
About the Speaker:
Jason Caldwell is the Vice President of Business Development and Sales at The Sanborn Map Company, Inc. With 20 years of experience in GIS, remote sensing and mapping environments, he has completed business consulting activities that have provided clarity and visionary direction for a wide range of clients, including many governmental and energy related customers within the State of Wyoming. Caldwell started his career in a map production setting prior to his consulting assignments and uses his combined experience to provide education about the power of remote sensing and integrated geospatial solutions. In his free time, He enjoys spending time with his family, traveling, photography and biking.

- **Utilizing Drones in Local Government**
  Jordan Evans, Cheyenne and Laramie County GIS Cooperative
  This presentation will cover three main topics: The regulatory structure surrounding the use of drones in local government, what to look for when shopping for a drone and typical workflows for creating quality products from your drone data. Jordan will also share some of the lessons learned while getting drone technology off of the ground and demonstrate a wide array of real life data he has collected and utilized in Cheyenne and Laramie County.

  About the Speaker:
  Jordan is Wyoming born and raised. Geospatial science is his passion and he has been happily working for his local government since he left the University of Wyoming. Working for Cheyenne and Laramie County allows him to use a broad array of skills in GIS while providing a vital service to the community that he loves. In addition to his professional life, he enjoys the outdoors and gets out as much as he can with his wife and daughter as well as their two dogs.

- **LaBonte (“The Yard”)**
  - **What’s Your System? Project Management**
    Stephanie Lowe, City of Cheyenne
    (1.25 CM pending)
    This is a roundtable discussion about project management software. Various communities can show what they use, how it’s used and how they like it. Stephanie will share her take on Cheyenne’s present system.

   About the Speaker:
   Stephanie Lowe is a planner for the City of Cheyenne’s Planning and Development Department. She has been with the city for three years working on a variety of development projects, mostly reviewing site plans, and also manages the city’s historic preservation board. Stephanie holds a Bachelor’s degree in American Studies with a focus on historic preservation from the University of Wyoming and a Master’s degree in Historic Preservation from Boston Architectural College.

12:30pm - 1:45pm

Rooms 112/113
- **Catered Lunch at the Converse County Library - Catering by Kick’em Up Katering**
  Guest Speaker: Jeff Hamerlinck, WYGISC
  (0.5 CM Pending)

  About the Speaker:
  Jeff Hamerlinck is Director of the Wyoming Geographic Information Science Center at the University of Wyoming. He holds a Ph.D in Geography from the University of Colorado, as well as certifications as an urban planner and geographic information systems professional. Dr. Hamerlinck’s research interests center on geographic
information science applications in land use planning and natural resource management, including spatial data infrastructure development and planning support systems implementation.

1:45pm - 3:15pm

Room 113

- **Roadways and Public Data Sets and Other Online Tools**

  Marilee Manalo, State of Wyoming

  (1.25 CM Pending)

  WYDOT is required to submit data to FHWA’s site which is called the Highway Performance Monitoring System (HPMS). This effort requires many hours of work for the dataset owners. Marilee will describe her role to QA/QC the base map as Esri tools (out of the box) do not catch all the errors that affect how data sets are submitted to the ‘point in time or Archived’ shapefile. She will dive into the history of WYDOT and its management of highway data, how she tries to improve their quality and tools for federal reporting, and how we can plan for the future to create better data and tools for planners and GIS professionals.

  **About the Speaker:**

  Marilee Manalo has been working at WYDOT Planning since May of 2005 and is a Planning and Policy Analyst III. Since earning her Planning degree at the University of Wyoming and prior to working at WYDOT, she completed 12 additional credit hours in Real Estate.

Room 112

- **Planners’ Extraterritorial Jurisdiction Roundtable Discussion**

  Derek Teini, AICP, City of Laramie; Megan Nelms, AICP, Campbell County; Sid Fox, Carbon County

  (1.25 CM pending)

  Recent legislative changes have occurred changing the way that communities plan within their one-mile extraterritorial boundaries. With a new law taking effect on January 1, 2019, Cities and Counties are scrambling to interpret the new laws and identify a review process that meets the intent of the legislation. This roundtable discussing will dive into the nitty gritty. Audience participation in the discussion is welcomed and encouraged.

  **About the Speakers:**

  Derek T. Teini, AICP is the Planning Manager for the City of Laramie. Originally from Sheridan Wyoming, Derek attended the University of Wyoming where he received his Master's in Planning. Starting as an intern while in school, Derek now has worked for the City of Laramie Planning Department for over 12 years. Derek has been a key figure in many major projects within the community including Laramie's Comprehensive Plan, Aquifer Protection Plan, Cirrus Sky Technology Park and Unified Development Code. Derek is a member of WYOPASS and currently is an At-Large Board Member.

  Megan Nelms has been the County Planner and Zoning Administrator for Campbell County Wyoming for 10 years where she is responsible for the County’s overall planning, nuisance mitigation and permitting functions. Megan received her B.S. degree in Geography and Planning from the University of Wyoming in and her M.S. degree from South Dakota State University in Rural Sociology and Community Development in 2010. Megan is active with the local Campbell County Economic Development Corporation and the Northeast Wyoming Economic Development. In 2010 she was awarded Planner of the Year – New Professional by the Wyoming Planning Association (WYOPASS). In 2017 she was awarded Planner of the Year Wyoming Planning Association (WYOPASS). She also serves as Treasurer of WYOPASS.

  Sid Fox, AICP is the Director of Planning & Zoning for Carbon County and has extensive experience with public and private sector planning services. Prior to employment with Carbon County, he was employed with Fox & Company, self-employed planning consultant, located in Eagle County Colorado. Fox & Company served private and public sector clients, primarily in western Colorado. Typically worked with a small team of Civil Engineers &
Architects to obtain zoning and land development entitlements. He has had extensive work with subdivision, PUD’s and zoning code amendments in several states. From 1981-1997 Sid was employed with Eagle County Colorado’s Department of Community Development and served in a variety of roles including Planning Division Manager and Acting Community Development Director. In Eagle County, he focused on current planning review with emphasis on infrastructure and environmental issues such as water supply, sewage treatment, gravel mining, power lines and water quality water development.

3:30pm - 4:45pm

Room 112

- **Turning Towards the Future: National Geodetic Survey**

  Pam Fromhertz – NOAA
  Mark Corbridge – WYDOT
  
  (1.25 CM Pending)

  NGS is implementing new reference systems and datums in 2022. Positional changes could be as much as 4 feet horizontally and 2.5 (minus) vertically. This session will briefly discuss the changes, the GPS on BM crowdsourcing effort, and the State Plane Coordinate System of 2022 (SPCS2022). Wyoming will need a consensus on the future of the State Plane Coordinate System. Come learn how you can crowdsource benchmarks. Now is the time to become aware and prepared.

  **About the Speakers:**

  Pamela Fromhertz is NOAA’s National Geodetic Survey Rocky Mountain Regional Advisor, covering CO, WY and MT. She has been in this role since 2016, prior to that serving as the Colorado State Geodetic Advisor. As a regional advisor, she interacts with the geospatial community at the local, state and federal levels, as well as with the private industry to educate and advise on the benefits of the National Spatial Reference System (NSRS) and how its datums, models, and tools may be utilized for user’s programs and projects.

  Mark Corbridge is the Professional Land Surveyor for the Right-of-Way Program at the Wyoming Department of Transportation (WYDOT). He has served in this capacity at WYDOT for over four years. In addition, he is the Wyoming NGS Geodetic Coordinator. Prior to work with WYDOT, he spent nearly 40 years surveying in private practice in Wyoming and Colorado, including all types of projects from construction, subdivision platting, and ALTA Surveys to control networks.

Room 113

- **Digital Tools for Planning, Preservation and Placemaking**

  Michael Davenport City of Manitou Springs
  
  (1.25 CM Pending)

  The time, cost and complexity of planning issues are growing in many communities, often in places with limited staff and funding. This session focuses on the use, cost, and learning curve for a range of free or comparatively low-cost software and digital resources that can be applied to planning, placemaking, and historic preservation including design review. Tool groups include managing and distributing documents and data, air and ground photography, mapping and GIS, drawing and editing, and community engagement.

  **About the Speaker:**

  Mike Davenport currently serves as the interim planning director for the City of Manitou Springs and also is a licensed architect in Colorado. For other communities he has worked as an assistant city manager, building official and inspector, urban renewal director, and economic development director. For eight years he taught a planning course at the Course at the University of Colorado in Boulder and served on the mayor’s committee that planned the redevelopment of the redevelopment of the former railroad yards next to downtown Denver.
LaBonte ("The Yard")

- **Understanding “Wheel Estate”**
  Charles Bloom, AICP, City of Laramie
  
  (1.25 CM pending)
  
  Has the tiny house craze hit your community? Have you been bombarded with shipping container homes or shipping containers in general? Find out what Laramie has done to address tiny homes in conjunction with their updates to mobile home and RV Park regulations and recent code changes regarding minimum home sizes.

  **About the Speaker:**
  
  Charles Bloom has been with the City of Laramie for over 13 years. His experience involves drafting Laramie’s Unified Development Code, subdivision administration, development review, drafting of planning-related regulations and ordinances, and anything possibly considered planning related. Prior to Laramie, Charles worked for the City of Little Rock in Long Range Planning and Historic Preservation. Charles has a bachelor’s degree in Environmental Design from the University of Colorado, Boulder and a master’s degree in Urban and Regional Planning from the University of Colorado, Denver. In 2017 he was awarded Planner of the Year by the Wyoming Planning Association (WYOPASS). He also serves as Vice President of the Western Central Chapter of the American Planning Associations and Past-President of WYOPASS.

5:00pm - 6:00pm

Room 112

- WYGEO Board Meeting

Room 113

- WYOPASS Board Meeting

6:30pm – 10:00pm

- Reception & WYOPASS Awards at the House of Pinz, 116 North 3rd Street, Douglas
Friday, October 19, 2018
7:30am – 8:30am

Rooms 112/113
● Registration Open – Breakfast provided

8:30am - 9:45am

Room 112
● NG911 Data
  Jason Isherwood, Michael Baker International, Denver
  (0.50) CM Pending)
  Is your GIS data ready for Next Generation 9-1-1 (NG9-1-1)? NG9-1-1 fully embraces our data driven world and aims to upgrade emergency response systems so they remain current with ever-evolving mobile communications and technology. Leveraging an internet protocol based system, NG9-1-1 allows digital information and location coordinates to be transmitted through the 9-1-1 network like never before. This change in opens the door of spatial possibilities and data responsibilities. But, the migration to geospatial call routing requires local GIS data to be maintained at a higher level of precision than ever before and the responsibility to build and maintain these spatial features lies at the local level. Synchronizing GIS data with MSAG and ALI tables to 98% is a good start but it is important to go beyond this metric to ensure for GIS data is truly ready to support NG9-1-1.

About the Speaker:
Jason is a public safety GIS expert from Michael Baker International Denver Office. He is a member of DATAMARK team of SMEES, and in his role he uses technology to develop and implement public safety GIS solutions to solve real world problems. Jason is a proven leader with more than 11 years of professional GIS experience. His educational background is in natural resources and geography.

● Public Safety in Wyoming
  Glen Crumpton, Laramie County Combined Communications Center & Karen Rogers, Wyoming Game & Fish
  (0.75 CM Pending)
  The presenters will describe the current technological environment within which public safety operates in Wyoming. We aim to explain similarities and differences in three programs that stream communication for public safety and their use of geospatial technology.

About the Speakers:
Karen Rogers is a Habitat Protection Analyst with the Wyoming Game and Fish Department. She got her start in GIS as an archeologist with the Pinedale BLM 20 years. She currently serves as President of WyGEO, and she just assumed the position of President-Elect for the National State Geographic Information Council (NSGIC). Karen keeps busy and entertained raising two beautiful children, Miles and Robin. In her spare time she enjoys gardening, hiking, backpacking, and skiing.

Glen Crumpton is the Director at Laramie County Combined Communications Center. The Laramie County Combined Communications Center provides 9-1-1 services to the citizens and visitors of Laramie County, Wyoming; and provides communications services to 19 public safety agencies.
Room 113

- **Should Right-of-Way Be Zoned?**
  
  Clark Sanders and Meredith Duvall, City of Gillette
  
  (0.50 CM pending)

  Having issues with zoning regarding right-of-way, planning staff utilized GIS as a research tool to investigate data consistency and existing zoning nonconformities. This presentation will cover the process and analysis staff utilized to identify non-conformities with the present zoning code in conjunction with the official map.

  **About the Speakers:**

  Clark Sanders spent 16 years as a designer with a local engineering firm. His interest in planning came from his years working closely with local Planners. Mr. Sanders spent 6 years on the City of Gillette Planning Commission and has now been with the City of Gillette for 1 ½ years.

  Meredith Duvall has a master’s degree in City and Regional Planning and has worked for the City of Gillette for almost a year.

- **Wyoming’s Watershed Progress Report Story Map.**

  Cathy Rosenthal, Wyoming Association of Conservation Districts
  
  (0.75 CM pending)

  The Wyoming Association of Conservation Districts ‘Wyoming Watersheds Progress Report’ story map was released in September 2018. This report features local efforts to restore water quality across Wyoming in an interactive format with pictures of projects and maps illustrating the watersheds and specific impaired waterbodies. Information provided by the local Conservation Districts within the story map include monitoring results, watershed planning efforts, implementation of Best Management Practices, and funding associated with those efforts by landowners and partners on the local, state and federal levels.

  **About the Speaker:**

  Cathy Rosenthal is the Watershed Coordinator for the Wyoming Association of Conservation Districts. Cathy provides assistance to the 34 Conservation Districts with watershed planning and implementation, water quality monitoring, training and analysis, federal and state regulations, ArcGIS mapping, and technical assistance for the SuiteWater mapping application tool. She holds a position on the State GIS Advisory Board and is a member of the GIS Technical Advisory Group (TAG). Cathy holds a Bachelor’s degree in Geography with a minor in Biology from the University of Wyoming.

- **LaBonte (“The Yard”)**

- **Regulating Vacation Rentals: The Cody Experience**

  Todd Stowell, City of Cody (LaBonte “The Yard”)
  
  (1.25 CM Pending)

  Trying to figure out if your jurisdiction needs to regulate short term rentals, or how to go about it? In this session the presenter will share his experiences at the City of Cody in developing codes and procedures relating to the regulation, inspection, registration, and enforcement of short-term rentals (a.k.a. vacation rentals). Learn an array of regulatory options, how your building codes come into play, and several other considerations from a jurisdiction that has already gone there.

  **About the Speaker:**

  Todd Stowell, AICP, is the current WYOPASS President and has been the Cody City Planner since January 2012. He earned his B.S. from BYU in the Planning and Resource Management Program and has over 24 years of experience as a planner serving counties, cities, and rural communities in Washington State, Utah, and Wyoming.
10:00am - 11:15am

Room 112

- **Geospatial Resources for Planners: A Brief Introduction to the Natural Resource and Energy Explorer (NREX) and the Wyoming Geospatial Hub (GeoHub)**

  Teal Wyckoff, WYGISC

  (1.25 CM Pending)

  Released in mid-2016, the Wyoming Natural Resource and Energy Explorer (NREX) is a web-based planning support online mapping application. NREX is designed to support pre-planning development considerations by enabling discovery, analysis, and assessment of energy, environmental, cultural, socioeconomic and infrastructural assets for user-defined, project-scale areas of interest in the state. The application is meant to be accessible by non-GIS professionals with a minimal amount of training requirements.

  Are you a more advanced GIS user with a desire to download and work with spatial data at the desktop level? Then the Wyoming Geospatial Hub (GeoHub) might be for you. The GeoHub is the primary site for the discovery and delivery of publicly accessible geospatial data produced, maintained and shared by various partners in the State of Wyoming.

  **About the Speaker:**

  Teal Wyckoff is a Research Scientist with the Wyoming Geographic Information Science Center (WyGISC), where her work focuses on development of online geospatial tools to support natural resource decision making. WyGISC is an interdisciplinary research institute at the University of Wyoming focused on the development of geospatial technologies and their applications in science, education and government.

Room 113

- **Mobile Vending Fall Update**

  Derek Teini, AICP, City of Laramie

  (1.25 CM Pending)

  Food Trucks and other mobile vendors are now commonplace across the county. However, with this new vibrant and social scene, cities, towns and counties are now having to decide if they will regulate mobile vendors, and if they do, what aspects will they regulate? This session will explore what cities, towns and counties should consider in their mobile vending regulations. The presenter will go over the recently approved Mobile Vending ordinances of Laramie and Sheridan ordinance. This session will be a follow up to the Spring Workshop Presentation given at the 2018 Spring Workshop.

  **About the Speaker:**

  Derek T. Teini, AICP is the Planning Manager for the City of Laramie. Originally from Sheridan Wyoming, Derek attended the University of Wyoming where he received his Master's in Planning. Starting as an intern while in school, Derek now has worked for the City of Laramie Planning Department for over 12 years. Derek has been a key figure in many major projects within the community including Laramie’s Comprehensive Plan, Aquifer Protection Plan, Cirrus Sky Technology Park and Unified Development Code. Derek is a member of WYOPASS and currently is an At-Large Board Member.
11:30am to 12:45pm

Rooms 112/113

- **Closing Keynote Presentation**

  Lee Johnston, Esri

  (1.25 CM Pending)

  *About the Speaker:*

  Lee is the Denver State and Local Government Manager for Esri. He and his teams are responsible for the sales, business development and outreach to all state and local governments in WY, CO, UT, AZ, and NM and ensuring their success through successful GIS implementation and adoption. Prior to his time at Esri, Lee had over a decade of experience in the wireless/mobile technology space as well as education and training business development. He is a Political Science graduate of Cal Poly and earned his MBA from the University of Colorado. He is a long-time member of the Colorado Technology Association and resides in the Denver metro area. Follow and connect with Lee: Twitter @LeeJohnstonJr; LinkedIn [https://www.linkedin.com/in/leepettijohnsonr](https://www.linkedin.com/in/leepettijohnsonr)
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