

**Wyoming Geospatial Organization (WyGEO)**  
**Spring Meeting Minutes**  
**Western Wyoming Community College, Rock Springs, WY**  
**April 18, 2017**

**Board Members Present (8):**

Shawn Lanning – WyGEO President, University of Wyoming, WYGISC Research Scientist

Nicholas Graf – WyGEO Vice President, WYGISC

Paula Reece – WyGEO Treasurer, Natrona County, GIS Specialist

Joy Hill – WyGEO Secretary, Big Horn County, Land Planner/GIS Manager

Jeff Sun – WyGEO Director at Large, Casper College, GIS Instructor

Cathy Raney – WyGEO Past President, NE Region Director, Campbell County, GIS Coordinator

Jordan Evans – WyGEO SE Region Director, Cheyenne/Laramie County, GIS Programmer

Angie Rudolph – WyGEO SW Region Director, Greenwood Mapping, GIS Specialist

**Board Members Absent (1):**

Nyssa Whitford – WyGEO NW Region Director, Wyoming Game and Fish, Sage Grouse GIS Analyst

**Professional Attendees (21):**

Paul Bailey – University of Colorado and US Census Bureau

Bryn Brum – Esri Denver

Ladislav Capek – Founder, Cleorio

Brian Coleman – Former Esri, Cleorio and Juniper Unmanned

Billie Davis – Student, WWCC

Destry Dearden – GIS/IT Director, Lincoln

Kim Farley – Vice President for Student Learning, Western Wyoming Community College

Jeannie Fisher – Mapping/GIS Specialist, Sweetwater County

John Freeman – Legislator, High School Transition Coordinator, WWCC

Jeff Hamerlinck – Director, WYGISC

Carla Hester-Croff – Associate Professor, Western Wyoming Community College

Earl Kisiel – Instructor, WWCC

Lisa Lee – WWCC

Crystal Letson – Student, WWCC

Sandy Leotta – MapAid, Manager

Aaron Nelson – Student

Karl Osvald - BLM/Department of the Interior, Senior Geologist

Katrina Patton – GIS Instructor, Western Wyoming Community College

Joseph Peters – Esri Denver

Gary Welling – Uinta County

Teal Wyckoff – Research Scientist, WYGISC

**I. Meeting Called to Order**

Shawn Lanning, WyGEO President, called the meeting to order at 12:41pm.

**II. Welcome and Introductions/Remarks**

Shawn welcomed everyone to the Spring Meeting of 2017 and allowed time for the introduction of sponsors and attendees.

### **III. Review of Last Meeting Minutes**

Shawn entertained a motion to approve the 4<sup>th</sup> Quarter meeting minutes of 2016. Angie Rudolph, WyGEO SW Region Director, made a motion to accept the minutes. The motion was seconded by Jeff Sun, WyGEO Director at Large. All in favor. Motion passed.

### **IV. Treasurer's Report**

WyGEO Treasurer, Paula Reece, said the amount currently in the WyGEO bank account is \$32,486.11. There has been very little activity so far this quarter. We have 67 current paid members for 2017. Shawn asked if we established a new account for scholarships. Paula said not yet. She is not sure if it is even necessary.

### **V. WyGISC Strategic Planning Discussion**

Jeff Hamerlinck, Director of WyGISC, explained that WyGISC is a research unit on the UW campus working with the Office of Academic Affairs (under the Provost). WyGISC turned 20 last June; the organization began as a large grant from the National Science Foundation in 1996 with matching funds from the state. In 2001, WyGISC became institutionalized. Since its inception, WyGISC went from five staff to about 22.

As part of UW's new five-year strategic planning effort (2017-2022), WyGISC is seeking input from the broader Wyoming geospatial community to inform research, teaching and outreach priorities for its unit-level plan. In the past year, the university got a new president and provost, both with geoscience backgrounds. WyGISC requires a unit plan and has a process in place to reach their goal. They have held three sessions to date; future meetings are planned with TAG and the Governor's Office/CIO.

Katrina Patton, Western Wyoming Community College (WWCC) Instructor, asked about training available at the University of Wyoming (UW) to bring students up to speed on GIS, as well as the status of land survey coursework. Jeff explained that WyGISC does not lead curriculum development in the UW Geography Department. Jeff said there is a need to completely revamp the geospatial program at UW, but it hasn't happened just yet. In the past, they had a short program and were tied in with the authorized training program with Esri. Esri has since moved away from that model so UW moved away from it as well. Traditionally, data development, sharing and access have WyGISC's focus. Some application development has occurred for state agencies. Recently they hosted a UAV symposium for those using drone technology for a wide array of technology. WyGISC would like to allow for more internship opportunities and see more industry partnerships.

Jeff sought the input of attendees on various aspects of WyGISC (past, present and future performance).

### **VI. Sponsor Presentations**

Esri, Joe Peters – ArcGIS Solutions and Open Data

- Website: [www.esri.com](http://www.esri.com)

WWCC, Carla Hester-Croff and Katrina Patton – “Power of Data”

- Website: [www.pod-stem.org](http://www.pod-stem.org)

Cleerio, Ladislav Capek – “Smart Geo-Asset Management”

- Website: [www.cleerio.com](http://www.cleerio.com)

## **VII. Member Presentations**

Jordan Evans – “TAG Efforts to Create a Statewide Address Dataset”

- Website: <http://ets.wyo.gov/office-of-enterprise-architecture/gis-enterprise-architecture>
- Address Report - June 2016: <https://drive.google.com/file/d/0B9qpkNDuUW-zYmNpaGZUenF2V2s/view>

Teal Wyckoff – “Natural Resource and Energy Explorer (NREX)”

- Website: <http://nrex.wyo.gov/>

## **VIII. Guest Presentation**

Paul Bailey – University of Colorado Academic Door Tracking Project

## **IX. Old Business**

### 1. Collaboration with GISCO on Spring 2018 Annual Conference

Shawn said collaboration is underway. The conference will be held May 2-4, 2018 in Saratoga. More information will be available in months ahead. The official name for the conference is “Elevation Geospatial Summit.” A website should be available soon.

### 2. Scholarship Committee Update

Shawn said we are working on running the scholarship program this year. Cathy Raney, WyGEO NE Region Director, reviewed the qualification requirements on the application. We want to award the scholarships in time for fall and set a deadline of May 1. That will allow time for the scholarship committee to meet before the fall meeting. Cathy is considering extending the deadline since we have not yet received any applications. There is a link to the scholarship application on the WyGEO webpage.

## **X. New Business**

### 1. Website Update

Shawn mentioned that Angela Rudolph, SW Region Director, has redesigned our organization website. Angela added that we may be dropping MeetUp and working all the same functions through the website directly in the near future.

### 2. Fall Meeting with Rocky Petroleum Users Group in Casper

The fall meeting will likely be held in Casper on October 25<sup>th</sup>. It will be a joint “conference” with Rocky Petroleum Users Group (PUG). It will not be a normal annual conference, but it will likely be a full-day meeting. We are in the early planning stages and more information will be available in a month or so. Karl Osvald asked about non-members attending and mentioned

that we could see a large number of non-member attendees at the Casper meeting due to the oil and gas interests in the area. He was concerned about how many people the chosen venue can support. Shawn estimates that registration will be free and more for a head count than any other purpose.

### 3. Results from Bylaws Vote and Implementation of Changes

Shawn mentioned that we had enough official votes to change the bylaws regarding the number of meetings: going from four quarterly meetings to two meetings per year. This doesn't preclude us from having more than two meetings per year. We anticipate web meetings will occur as well. The other amendments related to web-based voting and clerical fixes to the document received a majority of the vote as well. The Board will make the proposed changes to the bylaws and post the new version to the website soon.

### 4. Mine Tour Information

Carla explained the plan for transportation and attendance for the Mine Tour tomorrow.

### 5. Listserv Discussions

Brian Coleman mentioned getting technical support and added that WyGEO started with GISCO. The GISCO Listserv is available to provide help. [www.giscolorado.com](http://www.giscolorado.com) is where you can go to sign up for the Listserv. They also put job postings out there.

### 6. Streaming of Meetings

Shawn said that we are looking at offering options to stream meetings for people who are unable to attend. Jordan Evans, WyGEO SE Region Director, said we would need a wireless/USB camera (\$50-200) and a microphone (\$50-100). He also recommends a basic laptop with 4GB and a decent video card (\$400+). We would need a copy of presentations in advance of the meeting so we can switch between live feed and slides for viewers. There are many options for streaming live – Facebook Live, YouTube Channel or Periscope. Then the question is what else should be livestreamed. The meeting? The presentations? Should access only be allowed for those who have paid dues. The overall cost is approximately \$1200. Brian Coleman added that we should not downplay audio. To make it successful, the people watching need to be able to hear clearly. Wireless lap microphones work great according to Brian. Jordan will look into pricing for better audio equipment and provide it at the next board meeting.

## XI. **Business Meeting Adjourned**

At 4:28pm, Shawn sought a motion to reconvene at the Sante Fe Restaurant. Motion from Angela Rudolph, seconded by Jordan Evans.