

Wednesday, October 11th

7:30AM

Registration and Coffee 7:30-9:00 AM

9:00AM

WELCOME & KEYNOTE

Plenary Room

Matt Lawton, NGIS Board President

Michael Mears, Eureka County Assessor
"Evolution of a GIS Program"

10:30AM

VENDOR TALKS

Get to know the NGIS Vendors and Sponsors!

Plenary Room

12:00PM

LUNCH ON YOUR OWN

**NGIS BOARD MEETING
12:00 PM**

1:00PM

Room D4

Indoor Mapping and 3D

- "Innovative Solutions for Indoor Mapping & Facility Management"

**Aaron Morris ,
Andrew Smart
(Michael Baker)**

- "Building 3D GIS Models From Construction Plans in ArcGIS Pro 3D"

**Jorge Morteo
(City of Las Vegas)
Mauricio Morteo
(College of So. Nevada)**

Room D5

Utilities & Field Tools

- "Call 811 Before You Dig in Nevada - How You Can Help Improve the System"

**James Wingate, Stephen Baker
(USA North 811)**

- "Intelligent Data Systems for 811"
- Bruce Cheney
(Gateway Mapping, Inc)**

- "Enterprise Field Data Collection Improvements for Water Utility Assets"

**Kendal Price, Kevin Johnson,
Matt Lawton, Jess Kohler (TMWA)**

- "Playing the Field: Using Esri Field Tools"
- Justice Batiste (Esri)**

Room D7

GIS in Nevada System of Higher Education

- "Wranglin' GIS Needs at UNLV"

Alyssa Renteria (UNLV)

- "Enhancing GIS Research & Education From Campus Core: The Central Role of UNR Libraries"

**Chrissy Klenke,
Carlos Ramirez-Reyes (UNR)**

- "Development of a Field Scale Agricultural Evapotranspiration & Consumptive Use GIS Database for Nevada"

**Matt Bromley, Justin Huntington,
Jayden Atkin, Kelsey Carrara
(DRI)**

- "Towards an Agricultural Atlas of the State of Nevada"

**Robert Washington-Allen
(UNR)**

2:30PM

BREAK

3:00PM

STATEWIDE MAPPING ADVISORY COMMITTEE MEETING

Hear updates from State & Federal Agencies, open to all attendees!

*Presented by: Jim Faulds (NBMG), Sarah Fichtner (NDWR),
Scott Carey (NSL), Eric Ingbar (Gnomon/AppGeo),
Allison Bruner (USFS), Don Harper (BLM)*

5:00PM

VENDOR SOCIAL

7:30PM

AFTER-HOURS FUN AT PRESS START

7:30AM

Registration and Coffee 7:30-8:30 AM

8:30AM

Room D4

GIS For Everyone

- "Non-Profit Outreach Using GIS"
Chelsea Kincheloe (Muscle Powered)
- "Carson City Trails"
Gregg Berggren (Carson City Parks & Rec)
- "West Shore Tahoe Trail"
Dave Rios (NCE)
- "Historic Virginia & Truckee Trails"
Donna Inversin (Historic Virginia & Truckee Trail), Eric Ingbar (Gnomon, Inc.)

Room D5

Open Source and Free Services

- "Applications of ClimateEngine.org for Advanced Drought & Natural Resource Monitoring in Nevada"
Justin Huntington (DRI)
- "Development of a Phreatophyte Groundwater Discharge Boundary & Flux Dataset for Nevada"
Murphy Gardner (DRI)
- "Getting Started With Open Source Point Cloud Processing"
Theo Hartsook (UNR)
- "The Gigafire Project: Mapping & modeling California's wildfire fuels & carbon stores with open source, cloud-based GIS technology"
Nikki C. Inglis (UNR)

Room D7

Remote Sensing, UAS, Applications

- "Mapping invasive Russian Olive plant locations, utilizing UAS and imagery classification tools"
Jasmina Sekanovich, Katelyn Palo (GBI)
- "Lidar Derived Mapping Products"
Kevin Brown (NV5 Geospatial)
- "So, An App Walks Into a Bar: Picking the Right Esri Applications for Your Needs"
Justice Batiste (Esri)

10:00AM

BREAK

10:30AM

Room D4

Automation & Scripting

- "Using Python Notebooks for Data QC"
Mark Morrison (Michael Baker)
- "Leveraging ArcGIS API for Python to publish to AGOL"
Chris Jones (City of Las Vegas)
- "Automating Reporting for Out of Jurisdiction Emergency Response Calls"
Paulo Vandenberg (Washoe County)

Room D5

Open Source and Free Services

- "Development of a Field Scale Agricultural Evapotranspiration and Consumptive Use GIS Database for Nevada"
Justin Huntington (DRI)
- "Statistical Downscaling of GRACE Groundwater Time-Series in NV"
Weylin Gilbert (UNR)
- "Navigating the Cloud: data formats, OGC APIs, and computing"
Mitchell Gritts (Vibrant Planet)
- Panel Discussion and Q&A - Open Source and Free Tools
All presenters

Room D7

Experience Builder & Data Security

- "Geospatial Hub: Using ExperienceBuilder For a Public Interface"
Eric Friedlander (City of Reno)
- "Having the Best ExperienceBuilder...Ever: Getting Going with New Tools"
Justice Batiste (Esri)
- "Is my Cloud GIS Secure?"
Andrew Smart (Michael Baker)

12:00PM

BUSINESS MEETING LUNCH

2:00PM

Room D4 Statewide Data Systems and Applications

- "One Map, All of Nevada - Exploring Geo-Lab.NET's new comprehensive statewide GIS web map system"
Kyel Shippey (Geo-Lab.NET)
- "Nevada Division of State Lands: State Property is our Business" **Kevin Wichman (NDSL)**
- "An Interpretation of Nevada Issued Land Patents"
Grahame Ross (NDSL)
- "CAD-NSDI Public Land Survey System Update"
Lucas Beauchamp (BLM)

Room D7 Putting GIS to Work For All

- "Flood Damage Assessment from a Wet Winter"
David Alexander (Douglas County)
- "Listen to the Data: Interdepartmental Review to Guide Path Forward" **Alex Hacker (EagleView)**
- "Using GIS and Data Analytics to Improve Utility Account Billing Accuracy"
Bruce Cheney (Gateway Mapping, Inc.)

3:30PM

FINAL REMARKS & CONFERENCE CLOSE