



2011 National Tribal GIS Conference
Southwestern Indian Polytechnic Institute
9169 Coors Road, NW, Albuquerque, NM 87120
October 24-27, 2011



“Bridging New Technologies and Old Traditions Through GIS”

2011 National Tribal GIS Conference Agenda

Register for the conference and workshops at www.regonline.com/2011_TGIS_Conference or contact Letisha Couch (lcouch@tribalgis.com) for more information.

Monday October 24, 2011 (Workshops Only):

8:00 a.m.-12:00 p.m. **Introduction to ArcGIS 10**

Entry level, hands-on, indoor session (Led by: Anne Taylor and Tim Clark)



This workshop introduces students to ArcGIS 10 and provides a foundation for becoming a successful ArcGIS user. Participants will gain exposure to ArcMap including fundamental GIS concepts such as how to create, edit and analyze spatial data.

8:00 a.m.– 12:00 p.m. **Mobile GIS Data Collection using TerraSync and Pathfinder Office**

Entry level, hands-on, indoor & outdoor session (Led by: Garet Couch and Mel Philbrook)



This workshop introduces basic tasks and knowledge needed to use GPS Pathfinder Office software interface, create and transfer a data dictionary to a Trimble GPS device for field use. Download and process GPS data files collected in the field, export shp files for use in ArcGIS. This workshop will also cover basic information and skills required to utilize TerraSync field software to interpret GPS skyplot's, create rover data files, create point features and line/area features.

1:00 p.m.– 5:00 p.m. **Introduction to Maps on the Web**

Advanced level, hands-on, indoor session (Led by: Anne Taylor and Tim Clark)



Learn how to create and publish map services through ArcGIS Server. This workshop will use the maps we developed in ArcGIS desktop in the first workshop. We will use ArcGIS Server to publish these maps as map services which can then be used by several different clients such as ArcGIS.com, ArcGIS Explorer and other web applications. We will learn more about how to publish to ArcGIS.com and how to use the data and applications on ArcGIS.com. We will also learn about some different clients that can consume or use these maps once they have been published through ArcGIS server and ArcGIS.com.

1:00 p.m.– 5:00 p.m. **Collect and Maintain Road Data within GIS: Planning and I.R.R. Submittal**

Intermediate level, indoor session (Led by: Steve Becker, Michell Carter and MaryAnne Tong)



The purpose of this workshop is to provide both entry and intermediate level transportation planners and entry and intermediate level GIS users with the knowledge of what I.R.R. is and what components are required for I.R.R. inventory submittal. Participants will then be able to take those components/requirements and begin to create, build and save a map template in ArcMap for strip maps. Participants will be shown what information to include within an ideal GIS and map template for I.R.R. inventory submittal.

1:00 p.m.– 5:00 p.m. **Exploring Ground penetrating Radar (GPR) in Subsurface Imagery**

Demonstration, some hands-on with GPR, indoor & outdoor session (Led by Gloria Battice and Deanna Johnson)



This workshop will demonstrate to participants how to use Ground Penetrating Radar to locate subsurface anomalies. This session will provide basic information about GPR, how to use GPR in the field, and processing data through the Radan software. We will explore images of anomalies in 2D and 3D views through Radan. Participants will also touch on how GPR and GPS can work together.

National Tribal Geographic Information Support Center



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Monday October 24, 2011:

8:00–5:00 Science & Technology
Building: Conference Registration Open
Exhibitor Set-up
Workshops

Tuesday October 25, 2011:

9:00–12:00 Opening Ceremony: Auditorium
12:00– 1:00 Lunch
1:00 – 2:30 Concurrent Sessions: Auditorium
Hogan
Meeting Rm
2:30–3:00 Lightening Talks: Auditorium (Sponsors and Special Topics), *5 min. for solutions*
3:00– 3:15 Break with sponsors
3:15– 4:00 Panel Discussion: Auditorium (TBD),
4:00– 4:45 Solutions workshops (TBD
4:30– 5:30 Shuttle Service to Hotel
6:30–8:30 Evening Reception Indian Pueblo Cultural Center– 2401 12th St. NW, Albuquerque 87104

Wednesday October 26, 2011:

9:00–10:30 Master Presentation: Auditorium
10:30– 10:45 Break with sponsors
10:45–12:00 Master Presentation: Auditorium
12:00– 1:00 Lunch
1:00–1:45 Panel Discussion Auditorium (TBD),
1:45–3:15 Concurrent Sessions: Auditorium
Hogan
Meeting Room
3:15–3:30 Break with sponsors
3:30–5:00 Concurrent Sessions: Auditorium
Hogan
4:30– 6:00 Shuttle Service to Hotel

Thursday October 27, 2011:

9:00–12:00 Closing Session: Auditorium