



2009 ESRI International User Conference Agenda Supplement

The following changes have occurred since the User Conference Agenda was printed. Please be sure to check the Online Agenda, available in the Internet Café located in the San Diego Convention Center (SDCC) Ballroom 20 A, Marriott, Marina Foyer, South Tower, Level 3, and The Hilton Bayfront, Indigo Ballroom C, for any additional agenda changes. Don't forget to check the Information display monitors located throughout the Convention Center during the session breaks for the latest updates. All sessions are held in SDCC unless otherwise noted.

Book Signing

Tuesday, July 14, NOON–2:00 PM
Spatial Outlet and Bookstore, Hall C

Roger Tomlinson will be signing his book, *Thinking About GIS: Geographic Information System Planning for Managers, Third Edition* and *Pensando en el SIG*, the Spanish translation of the book

The first 50 people to attend will receive a free copy of one of these books.

Special Presentation

Special Presentation

Lightning Talks—Be Brief! Be Brilliant! Be Gone!

Monday, July 13, 4:30 PM–7:30 PM
Room 6 A

New this year, we are introducing lightning talk presentations based on the triad: "Be brief! Be brilliant! Be gone!" These talks are short five minute user demonstrations of applications based on ESRI web and mobile technology. Conference attendees will present their work Monday evening during the Map Gallery Opening.

Demo Theater

Cancelled Demo Theater

Working with Generalization Tools in ArcGIS
Tuesday, July 14, 2:00 PM–3:00 PM
ESRI Showcase

SIG Meetings Updates

New SIG & RUG Meetings

SIG The Nature Conservancy Group Meeting
Tuesday, July 14, 10:15 AM–1:00 PM
Room 18

SIG National Geospatial Advisory Committee (NGAC) Town Hall Meeting

Tuesday, July 14, NOON–1:00 PM
Room 11 B

SIG U.S. Bureau of Land Management User Meeting

Tuesday, July 14, NOON–1:00 PM
Room 27 B

RUG CA/HI/NV Regional User Appreciation

Tuesday, July 14, 5:30 PM–7:00 PM
West Terrace (Upper Level)

SIG ArcPad User Group Meeting

Wednesday, July 15, NOON–1:00 PM
Room 10

SIG San Diego and Imperial County HAZUS User Group (SDIHUG)

Wednesday, July 15, 4:30 PM–5:30 PM
Room 13

SIG National Association of Regional Councils (NARC) ESRI User Group Meeting

Wednesday, July 15, 5:30 PM–7:00 PM
Room 30 D

SIG Portland, Oregon's Successful Formula for Creating a Regional GIS

Thursday, July 16, NOON–1:00 PM
Room 23 C

SIG Deploy GIS to your BlackBerry Smartphone using ArcGIS Server and Freespace Mobile

Thursday, July 16, NOON–1:00 PM
Room 10

SIG Topographic Base Map User Group Meeting

Thursday, July 16, 1:30 PM–3:00 PM
Room 25 A/B

SIG Federal Sciences User Group Meeting

Thursday, July 16, 3:30 PM–5:00 PM
Room 24 A

Moved SIG & RUG Meetings

RUG South Central Arc User Group Meeting

Tuesday, July 14, 5:30 PM–7:00 PM
Room 29 C & East Terrace

SIG Java Developers Special Interest Group Meeting

Wednesday, July 15, NOON–1:00 PM
Room 6 E

SIG Insurance Special Interest Group Meeting

Wednesday, July 15, 5:30 PM–7:00 PM
Room 30 A & East Terrace

SIG Water/Wastewater Pool Party

Wednesday, July 15, 6:00 PM–10:00 PM
Indigo Terrace at The Hilton Bayfront

SIG Enterprise Architecture Special Interest Group

Thursday, July 16, 7:30 AM–8:15 AM
Room 16 A

Cancelled SIG Meetings

SIG Archival of GIS Data

Tuesday, July 14, NOON–1:00 PM
Room 29 D

SIG Co-Production: Multinational Geospatial Co-production Program (MGCP)

Wednesday, July 15, 1:30 PM–2:45 PM
Room 30 E

Technical Workshops Update

Are ArcGIS Defense Solutions Workshop—An Introduction

Track: Solutions Products & The Road Ahead
At the 9.4 release there will be many improvements to ArcGIS for users in the Defense and Intelligence communities. The workshop will provide information on: Improvements in using military symbology; Planning and Intelligence Analysis templates; ArcGIS Defense Server and Intelligence Analysis tools.

Tuesday, July 14, 1:30 PM–2:45 PM
Room 11 A

Paper Sessions Updates

New Panel Discussions

FED/STA GIS Delivers Transparency & Accountability: Tracking Stimulus Spending is just the Beginning

John Calkins, Pat Cummins and David Wrazien, ESRI

Wednesday, July 15, 8:30 AM–9:45 AM
Room 16 A

FED/STA Federal and State Agencies Spatially Track Recovery Funds

Pat Cummins, ESRI

Wednesday, July 15, 10:15 AM–1:30 AM
Room 16 A

New User Sessions

PET ESRI Geologic Mapping Template

Tuesday, July 14, 1:30 PM–2:45 PM
Room 28 C

STA Are County GIS Basemaps Public Record?

Bruce Joffe, GIS Consultants

Thursday, July 16, 10:15 AM–11:30 AM
Room 30 B

DEF Data Management Strategies

Thursday, July 16, 10:15 AM–11:30 AM
Room 29 C

Canceled User Sessions

CEN GIS in the Election Process—Domestic

Tuesday, July 14, 8:30 AM–9:45 AM
Room 23 C

ENV Wetlands Assessment and Management I

Tuesday, July 14, 8:30 AM–9:45 AM
Room 24 C

SDI Spatial Data Infrastructure—Web Services

Tuesday, July 14, 10:15 AM–11:30 AM
Room 23 B

CHT Enterprise Chart and Data Management with GIS

Tuesday, July 14, 10:15 AM–11:30 AM
Room 28 E

SYS Building Integrated GIS Operations

Wednesday, July 15, 10:15 AM–11:30 AM
Room 30 D

STA International Focus: Urban Planning around the World

Wednesday, July 15, 3:15 PM–4:30 PM
Room 24 A

TEC Geospatial Technology Integration

Thursday, July 16, 8:30 AM–9:45 AM
Room 28 B

New User Presentations

EDU A Conceptual Framework for Modeling Dynamic Paths from Text

Naicong Li, University of Redlands

Tuesday, July 14, 8:30 AM–9:45 AM
Room 29 C

FOR Using Remote Sensing Technology to Achieve Spatially Explicit Inventory Data

Jeff Simcoe, ImageTree Corporation

Tuesday, July 14, 10:15 AM–11:30 AM
Room 30 E

EDU Customizing the Arc Marine Model to Support Whale Tracking

Brett Lord-Castillo, St. Louis County Office of Emergency Management

Tuesday, July 14, 10:15 AM–11:30 AM
Room 29 C

EDU SDI from a Network Perspective: A Case in Flanders, Belgium

Danny Vandenbroucke, SADL/K.U.Leuven R&D

Tuesday, July 14, 10:15 AM–11:30 AM
Room 29 C

EDU Multivariable Value Densification Modeling using GIS

Calvin Creech, Lawrence Technological University

Tuesday, July 14, 1:30 PM–2:45 PM
Room 29 C

ECO Foraging Areas of Cayenne, Royal and South American Terns Breeding in Northern Patagonia, Argentina

Alejandro Javier Gatto, Centro Nacional Patagónico (CENPAT), Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Argentina

Tuesday, July 14, 1:30 PM–2:45 PM,
Ballroom 20 D, Conservation Hall Theater 1

ECO GIS Application for Bird Conservation in Nepal

Bashyal Dhruva, Sharma Bird Education Society Nepal

Tuesday, July 14, 1:30 PM–2:45 PM,
Ballroom 20 D, Conservation Hall Theater 1

ECO Impact of African Elephants (Loxodonta Africana) on the Riparian Vegetation in Samburu and Buffalo Springs National Reserves, Kenya

Barnerd Kasoie Lesowapir, Save the Elephants, Kenya

Tuesday, July 14, 1:30 PM–2:45 PM
Ballroom 20 D, Conservation Hall Theater 1

RSI Maintaining Geospatial Datasets with Change Detection

Gregory Koeln, MDA Federal Inc. (formerly EarthStat)

Tuesday, July 14, 1:30 PM–2:45 PM
Room 23 C

ROI Integrating GIS within the Finance Department at PETCO Animal Supplies

Shawn Hanna, Petco Animal Supplies Stores Inc.

Tuesday, July 14, 1:30 PM–2:45 PM,
Room 26 B

ECO Mapping and Monitoring Central and North European Russia Forests by Remote Sensing

Ilona Zhuravleva, Greenpeace Russia

Tuesday, July 14, 3:15 PM–4:30 PM
Ballroom 20 D, Conservation Hall Theater 1

ECO The Use of GIS in Forest Restoration as a New Conservation Approach in Indonesia

Hultera Harapan, Rainforest, Indonesia

Tuesday, July 14, 3:15 PM–4:30 PM
Ballroom 20 D, Conservation Hall Theater 1

ECO Economic Valuation of Agricultural Production vis-à-vis Large-Scale Mining in Bgy Paquet, Kasibu Municipality, Nueva Vizcaya, Philippines

Kail Zingapan, Philippine Association for Intercultural Development, Inc. (PAFID)

Tuesday, July 14, 3:15 PM–4:30 PM
Ballroom 20 D, Conservation Hall Theater 1

CCH Adaptation Atlas: Setting Geographic Priorities for Adapting to Climate Change

Shalini Vajjhala, Resources for the Future

Tuesday, July 14, 3:15 PM–4:30 PM
Room 32 A

WRE HEC-GeoEFM: An ArcGIS Extension for Ecosystem Modeling

John Hickey, Hydrologic Engineering Center

Wednesday, July 15, 8:30 AM–9:45 AM
Room 25 C

TRN Implementing an Aviation Data Model Compliant to FAA Standards

David Wright, City of Atlanta Dept. of Aviation
Wednesday, July 15, 8:30 AM–9:45 AM
Room 23 A

DEF Delivering Fast and Stable Geospatial Mapping to the War Fighter

Mike Cannon, USAF ACC Geobase
Wednesday, July 15, 8:30 AM–9:45 AM
Room 29 B

WDS Case Studies for Pretreatment Programs

Michael Zedek, Orange County Sanitation District
Wednesday, July 15, 8:30 AM–9:45 AM
Room 25 A/B

TEL Geomarketing as an Intelligence Tool to Improve Marketing Mix Efficiency

Bruno Marsili, Tim Brasil S/A
Wednesday, July 15, 10:15 AM–11:30 AM
Room 30 A

PWK Extending the Enterprise for Data Maintenance and Going Paperless

Rocky S. Agbunag, St. Johns County
Wednesday, July 15, 10:15 AM–11:30 AM
Room 24 B

SUS A Resource Planning Tool for Humanitarian Demining and Mine Action

Daniel Eriksson, GICHD
Wednesday, July 15, 10:15 AM–11:30 AM
Room 28 D

SUS Land-Use Planning in the Maringa-Lopori-Wamba Landscape, DRC

Janet Nackoney, University of Maryland
Wednesday, July 15, 10:15 AM–11:30 AM
Room 28 D

FOR Developing Sustainable Land Management Plans for Complex Landbases

Don Reimer, D.R. Systems Inc.
Wednesday, July 15, 10:15 AM–11:30 AM
Room 30 E

ECO Application of GIS for Conservation Awareness in the Protected Areas of Nepal

Ashok Pathak, Society for Wetland and Biodiversity Conservation Nepal (WBC Nepal)
Wednesday, July 15, 1:30 PM–2:45 PM
Ballroom 20 D, Conservation Hall Theater 1

ECO Development of Protected Areas Database of Russian Far Eastern Network

Yulia Kalashnikova, WWF Russia
Wednesday, July 15, 1:30 PM–2:45 PM
Ballroom 20 D, Conservation Hall Theater 1

ECO Spatialization of Collection Records from Serra dos Órgãos National Park, Brazil

Cecilia Cronemberger, Faria Parque Nacional da Serra dos Órgãos
Wednesday, July 15, 1:30 PM–2:45 PM
Ballroom 20 D, Conservation Hall Theater 1

APD GIS in Paperless Government

Nehme Chakhtoura, JaxGIS
Wednesday, July 15, 1:30 PM–2:45 PM
Room 31 C

MOD Identifying Urban Spatial Structure through GIS and Remote Sensing Data

Deokho Cho, Daegu University
Wednesday, July 15, 1:30 PM–2:45 PM
Room 29 D

ECO Mangrove Species Management in Cameroon

Buh Wung, Gaston Limbe Botanic Garden
Wednesday, July 15, 3:15 PM–4:30 PM
Ballroom 20 D, Conservation Hall Theater 1

ECO Determination of the Ranging Patterns of Rescued Chimpanzees Using GPS Points in Kibaale National Park, Western Uganda

James Musinguzi, Uganda Wildlife Education Centre
Wednesday, July 15, 3:15 PM–4:30 PM
Ballroom 20 D, Conservation Hall Theater 1

ECO Mammal Surveys, Monitoring, and Threats to Sites in Protected Area: The Case Study of Mt. Elgon and Kibale National Parks

Fredrick Wanyama, Uganda Wildlife Authority
Wednesday, July 15, 3:15 PM–4:30 PM
Ballroom 20 D, Conservation Hall Theater 1

CCH NOAA Climate Services Portal: Climate Data and Statistics

Rich Baldwin, NOAA/NCDC
Wednesday, July 15, 3:15 PM–4:30 PM
Room 32 A

INS Globe of Natural Hazards—A New Risk Management Tool

Andreas Siebert, Munich Reinsurance Company
Wednesday, July 15, 3:15 PM–4:30 PM
Room 26 B

CCH Nature and the Human Network, A Strategy for Carbon Sequestration

Gary Moll, American Forests
Wednesday, July 15, 3:15 PM–4:30 PM
Room 32 A

CCH New Zealand Land Use and Carbon Analysis System (LUCAS)

David Pimblott, Explorer Graphics Ltd
Wednesday, July 15, 3:15 PM–4:30 PM
Room 32 A

ORG Informatics—GIS/IT Go Where No GIS Has Gone Before

Eric Becker, City of Westfield
Thursday, July 16, 8:30 AM–9:45 AM
Room 24 C

CCH Siting a Waste-to-Energy Facility Using GIS

Timothy Krantz, University of Redlands
Thursday, July 16, 8:30 AM–9:45 AM
Room 32 A

CCH GIS-based Renewable Resource Supply Curves for the ReEDS Model

Donna Heimiller, National Renewable Energy Lab
Thursday, July 16, 10:15 AM–11:30 AM
Room 32 A

CCH GIS – A Common Tool For Sustainable Wind Development

Louie Greenwell, Stantec
Thursday, July 16, 10:15 AM–11:30 AM
Room 32 A

FAC GIS Technologies Help to Plan a Sustainable City

Shannon McElvaney, CH2M Hill
Thursday, July 16, 10:15 AM–11:30 AM
Room 26 B

DEF GIS and Joint Basing: Methods, Issues and Opportunities in Alaska

Becci Anderson, USAF Elmendorf AFB/L-3
Thursday, July 16, 10:15 AM–11:30 AM
Room 29 A

RSI Coastal Georgia Elevation Project

Chris Chalmers, Coastal Regional Commission
Tuesday, July 14, 3:15 PM–4:30 PM
Room 23 C

MIN Geoscientific Information Data Management

Dave Donaldson, Teck Resources Limited
Thursday, July 16, 3:15 PM–4:30 PM
Room 28 D

CDA Mapping Renewable Federal Energy Resources using BLM's NILS GeoCommunicator

Leslie Cone, Bureau of Land Management
Thursday, July 16, 3:15 PM–4:30 PM
Room 28 C

Moved User Presentations

ENV Locating Potential Wetland Mitigation Sites in Monroe County

Justin Cole, Monroe County
Tuesday, July 14, 10:15 AM–11:30 AM
Room 24 C

PET Modeling of Transport Streams Oil in the Northwest of Russia

Elena Kurnakova, GECON Ltd.
Tuesday, July 14, 10:15 AM–11:30 AM
Room 28 C

SYS Coast Guard Enterprise GIS: Enterprise-wide Solutions for the Coast Guard

Mike Lakey, US Coast Guard
Tuesday, July 14, 1:30 PM–2:45 PM
Room 30 D

TRN Development of a GIS-Based Safety Analysis System

Vinod Vasudevan, UNLV—Transportation Research Center
Tuesday, July 14, 3:15 PM–4:30 PM
Room 23 A

TEL GIS in Public Safety Telecommunications

Joseph Becker, RCC Consultants, Inc.
Wednesday, July 15, 8:30 AM–9:45 AM
Room 30 A

FED Implementation of Portal Toolkit for NOAA's Regional Collaboration Efforts

Kim Jenkins, NOAA Coastal Services Center
Wednesday, July 15, 3:15 PM–4:30 PM
Room 28 C

User Presenter Changes

FOR Geostatistical Analysis on Forest Fire Related to Spatio-Temporal and Human-Factors

Sang-Chul Lee, Korea University
Tuesday, July 14, 8:30 AM–9:45 AM
Room 30 E

PET Management of Pipebridges in a Refinery

Boris Kowalewski, Viasecure Deutschland GmbH
Tuesday, July 14, 10:15 AM–11:30 AM
Room 28 C

HOM Implementing Eagle One in Public Safety Disaster Response

Sander Vlotman, Geodan IT
Tuesday, July 14, 10:15 AM–11:30 AM
Room 17 A

ELC Optimization through SAP-GIS integration: GISCONNEX experience

Michael Beringer, GISCONNEX
Tuesday, July 14, 10:15 AM–11:30 AM
Room 31 A/B

WDS Enterprise Asset Management Using GIS

Darlene Magold Scott, Stantec
Tuesday, July 15, 1:30 PM–2:45 PM
Room 25 A/B

CCH Developing the next generation of Climate Action Plans

Noah Goldstein, CTG Energetics
Tuesday, July 14, 1:30 PM–2:45 PM
Room 32 A

DIS IRRIS, An Incident Management and Emergency Response Tool

Brendan Wesdock, GeoDecisions
Tuesday, July 14, 1:30 PM–2:45 PM
Room 17 B

STA Urban Greenprinting

Breece Robertson, The Trust for Public Land
Tuesday, July 14, 3:15 PM–4:30 PM
Room 24 A

WDS BRWC Improves Accuracy and Increases Efficiency with Mobile GIS

Dina Knight, Baton Rouge Water Company
Tuesday, July 14, 3:15 PM–4:30 PM
Room 25 A/B

HHS Using ArcGIS Server 9.3 to Power the Maine BioGeoBank

Patrick Graham, James W. Sewall Company
Wednesday, July 15, 8:30 AM–9:45 AM
Room 29 D

ENV Applied GIS in Research Projects at the National University Rwanda

Jean Nduwamungu, CGIS-NUR
Wednesday, July 15, 8:30 AM–9:45 AM
Room 24 C

TRN Developing 3DRoute Planning Using ArcGIS Engine

Yi-Ching Chen, Geographic Information Systems Research Center, Feng Chia University
Wednesday, July 15, 8:30 AM–9:45 AM
Room 23 A

PWK New Vision for Collaborative Asset Management & Customer Service

Tammi Sheperd, Oakland County, MI
Wednesday, July 15, 8:30 AM–9:45 AM
Room 24 B

EDU What Is a GISP?

Geney Terry, El Dorado County
Wednesday, July 15, 8:30 AM–9:45 AM
Room 30 C

TEL Leveraging GIS Benefits for Cable Serviceability

Glenn Goodrich, Enspira Solutions, Inc.
Wednesday, July 15, 10:15 AM–11:30 AM
Room 30 A

ACH Predictive Archaeological Modeling Using GIS-Based Fuzzy Set Estimation

Philip Mink, Kentucky Archeological Survey
Wednesday, July 15, 10:15 AM–11:30 AM
Room 28 E

SUS MetaManagement, the New Challenge

Rob Gray, United Nations
Wednesday, July 15, 1:30 PM–2:45 PM,
Room 28 D

SUS Geospatial Mapping Infrastructures in Peace Operations

Francisco Igalada, United Nations
Wednesday, July 15, 1:30 PM–2:45 PM,
Room 28 D

SUS Natural Resources Geo-database as Support Tool for Boundaries

Francis Mugambi, United Nations
Wednesday, July 15, 3:15 PM–4:30 PM,
Room 28 D

SUS Terrain Analysis Support Mobility Modeling and Hazard Mapping

Francis Mugambi, United Nations
Wednesday, July 15, 3:15 PM–4:30 PM,
Room 28 D

SUS Terrain Analysis Support Groundwater Assessment for Peacekeeping Camps

Francisco Igalada, United Nations
Wednesday, July 15, 3:15 PM–4:30 PM,
Room 28 D

SUS GIS Application for Property Management in UN-DPKO

Javier Neme, United Nations
Wednesday, July 15, 3:15 PM–4:30 PM,
Room 28 D

WDS Estimating Citywide Benefits from Stormwater BMPs in New York City

Francisco Brilhante, HDR
Wednesday, July 15, 3:15 PM–4:30 PM
Room 25 A/B

CEN Institute for Urban Policy Research's Dallas Indicators Project

Megan Heckert, Avencia Incorporated
Thursday, July 16, 8:30 AM–9:45 AM
Room 23 B

FAC Mashing Building Information Models (BIM) with GIS

Kerry Himes, PBS&J
Thursday, July 16, 10:15 AM–11:30 AM
Room 26 B

WRE Generalized Terrain-Based Flow Analysis of Digital Elevation Models

Kimberly Schreuders, Utah State University
Thursday, July 16, 1:30 PM–2:45 PM
Room 25 C

WRE Modeling Surface-Flow Characteristics in Glaciated Landscapes

Mary O'Neill, South Dakota State University
Thursday, July 16, 1:30 PM–2:45 PM
Room 25 C

CDA Examining Impacts of Mortgage Fraud and Foreclosures on Property Values

Brooke Cholvin, Boulder County Assessor's Office
Thursday, July 16, 3:15 PM–4:30 PM
Room 28 C

CDA Leveraging Assessing Data in Today's Economic Environment

Dawn Siegel, Department of Information Technology, Oakland County, Michigan
Thursday, July 16, 3:15 PM–4:30 PM
Room 28 C

Withdrawn User Presentations

FOR Wildland-Urban Interface (WUI) Expansion in the United States: 1990-2000

David Helmers, University of Wisconsin Department of Forest & Wildlife Ecology
Tuesday, July 14, 8:30 AM–9:45 AM
Room 30 E

ENV Historical Wetland Classification: Monitoring Wetlands in the Canadian Oil Sands

Sarah Miall, Petro-Canada
Tuesday, July 14, 8:30 AM–9:45 AM
Room 24 C

SUR Global Grid System

Jian Zhou, Beihang University
Tuesday, July 14, 8:30 AM–9:45 AM
Room 30 A

CEN Electoral Geography: GIS-Driven Campaign Analysis

Suzanne St. Cyr, GIS Blue
Tuesday, July 14, 8:30 AM–9:45 AM
Room 23 C

DIS Integrating GIS into an Emergency Management Agency

Daniel Thomas, Jefferson County IT Department, Alabama
Tuesday, July 14, 8:30 AM–9:45 AM
Room 17 B

OCE Using the Automated Feature Analyst Extension in ArcGIS to Map the 2008 Distribution of Intertidal Vegetation in Padilla Bay, Washington

Suzanne Shull, WA State Dept. of Ecology-Padilla Bay Reserve
Tuesday, July 14, 8:30 AM–9:45 AM
Room 28 B

FOR Using Fuzzy Logic for Log-Landing Site Assessment in Forest Harvest Planning

Benktesh Sharma, West Virginia University
Tuesday, July 14, 10:15 AM–11:30 AM
Room 30 E

LOG Optimal Ship Routing Using Network Analyst

Michael Alfultis, U.S. Coast Guard Academy
Tuesday, July 14, 10:15 AM–11:30 AM
Room 26 A

ELC 3D Tools to Locate Geothermal Energy Sites in Southwest Idaho

Kevin Jones, HDR
Tuesday, July 14, 10:15 AM–11:30 AM
Room 31 A/B

CHT Mapping Dredge Sources and Sinks for Louisiana Regional Sediment Management

Michele Aurand, U.S. Army Corps of Engineers, MVN
Tuesday, July 14, 10:15 AM–11:30 AM
Room 28 E

CHT Managing Nautical Data and Producing Electronic Navigational Charts (ENC)

Julia Powell, NOAA
Tuesday, July 14, 10:15 AM–11:30 AM
Room 28 E

SDI Spatially-Aware Map Services

Javier Morales, ITC
Tuesday, July 14, 10:15 AM–11:30 AM
Room 23 B

BIS The Economic Benefits of GIS: A County Perspective

Thomas Purdy, Jefferson County Department of Information Technology
Tuesday, July 14, 10:15 AM–11:30 AM
Room 26 B

ECO Geo-referencing Primary Type Mollusks for the Smithsonian Institution

Lisa F. LaCivita, GMU
Tuesday, July 14, 10:15 AM–11:30 AM
Room 32 B

WDS Anchorage Water and Wastewater: GIS Upgrade Project Implementation

Kathryn May Browning, Anchorage Water & Wastewater
Tuesday, July 14, 10:15 AM–11:30 AM
Room 25 A/B

SUS Dead Land Mines in Angola

Pedro Toko Ribeiro, CNIDAH
Tuesday, July 14, 10:15 AM–11:30 AM
Room 28 D

RSI A Look at How Local Governments Can Utilize LiDAR Data

April Bowman, Unified Govt. Wyandotte County/Kansas City, KS
Tuesday, July 14, 1:30 PM–2:45 PM
Room 23 C

HHS Street-Trees & Verdant Environments: Predictors of Childhood Asthma in New York City

James Quinn, Columbia University
Tuesday, July 14, 1:30 PM–2:45 PM
Room 29 D

PET OMV E&P WebRouting Based on ArcGIS Server and SynerGIS WebOffice

Christoph Smolka, OMV E&P GmbH
Tuesday, July 14, 1:30 PM–2:45 PM
Room 28 C

WDS Enterprise GIS - Road to Implimentation

David Endelman, City of Oxnard
Tuesday, July 14, 1:30 PM–2:45 PM
Room 25 A/B

ELC Innovative Management of an Enterprise Spatial Information Infrastructure

Liza van der Merwe, Eskom
Tuesday, July 14, 1:30 PM–2:45 PM
Room 31 A/B

ATM Variations in Atlantic Tropical Storms and Sea Surface Temperature

Constantin Andronache, Boston College
Tuesday, July 14, 3:15 PM–4:30 PM
Room 24 B

ACH Archeological Database Consolidation and Modeling on Barry M. Goldwater Range

Chris Black, Luke AFB 56RMO
Tuesday, July 14, 3:15 PM–4:30 PM
Room 28 E

TRN Developing ArcGIS Mobile for Bridge Inspection in DOT

Jian Chen, GDOT
Tuesday, July 14, 3:15 PM–4:30 PM
Room 23 A

STA How GIS Is Helping Rural Planning Change in Northern Ireland

Simon Wheeler, Planning Service Northern Ireland
Tuesday, July 14, 3:15 PM–4:30 PM
Room 24 A

SUS National Cadastre for Integrated Land Administration

Peter Rabley, International Land Systems, Inc.
Tuesday, July 14, 3:15 PM–4:30 PM
Room 28 D

TRN GPS Data Analyses for Road User Charging in Copenhagen

Martina Zabic, Technical University of Denmark
Tuesday, July 14, 3:15 PM–4:30 PM
Room 23 A

EDU New Methodologies in Cartography Education Using GIS and Information Technology

Luz Angela Rocha, Universidad Distrital F.J.C.
Tuesday, July 14, 3:15 PM–4:30 PM
Room 30 C

ATM Coupling ArcGIS and the Seasonal/ Annual Cooling Tower Impact Model

Eric B. Powell, Bechtel Power Corporation
Tuesday, July 14, 3:15 PM–4:30 PM
Room 24 B

CRT 1:25000 Map Series Production: The New Age

Mark Chilcott, Department Primary Industries and Water
Wednesday, July 15, 8:30 AM–9:45 AM
Room 23 B

DIS GIS to Improve Emergency Services Response to Nuclear Accident

Yann Kacenenen, SDIS 91
Wednesday, July 15, 8:30 AM–9:45 AM
Room 17 B

TEL Using ArcGIS to Support RF Propagation Simulation

David C. Walrath, Penn State University/ARL
Wednesday, July 15, 8:30 AM–9:45 AM
Room 30 A

FOR CFS_PARTI: An Effective ArcPad Customization for Environmental Data Collection

Giacomo Colle, CRA-MPF
Wednesday, July 15, 8:30 AM–9:45 AM
Room 30 E

APD GIS Tool for Mapping Functional Riparian Habitat in California

Margarita Quinones, San Francisco Estuary Institute
Wednesday, July 15, 8:30 AM–9:45 AM
Room 31 C

NEW Federal Organized Embedded Sensor-Network Serving 'Live' GI-Services

Mr. Manfred Mittlboeck, University Salzburg
Wednesday, July 15, 8:30 AM–9:45 AM
Room 30 D

ECO A GIS Model to Identify Sensitive Natural Resources for Protection

Jen Zhang, NJ Water Supply Authority
Wednesday, July 15, 8:30 AM–9:45 AM
Room 32 B

WDS Municipal Sewerage Geographic Information System

Hongmei Zhu, Yunnan University
Wednesday, July 15, 8:30 AM–9:45 AM
Room 25 A/B

HHS Coaxing the Voice out of Healthcare Data

Mike O'Neill, CA Office of Statewide Health Planning and Development
Wednesday, July 15, 8:30 AM–9:45 AM
Room 29 D

DEF ISAF Geo Web Data Catalogue

José Balsinhas, NATO C3 Agency
Wednesday, July 15, 8:30 AM–9:45 AM
Room 29 B

CEN Conflating Historic Census Tract Boundaries to New TIGER/Line Files

David Van Riper, Minnesota Population Center
Wednesday, July 15, 8:30 AM–9:45 AM
Room 23 C

TRN Automated GIS-based Approach to Aeronautical Information Workflows and Charting

Javier Fenoll, Aena
Wednesday, July 15, 8:30 AM–9:45 AM
Room 23 A

EDU The ESRI Developer Center (EDC) at Georgia Tech

Lisa Jackson, Georgia Tech, Center for GIS
Wednesday, July 15, 8:30 AM–9:45 AM
Room 30 C

HHS First Nations Environmental Public Health (EPH) Information Management System

Steve Villebrun, Health Canada
Wednesday, July 15, 8:30 AM–9:45 AM
Room 29 D

CRT Implementing a Customised Database-Driven Cartographic Production System

Jeremy Conversi, Lonely Planet Publications
Wednesday, July 15, 8:30 AM–9:45 AM
Room 23 B

OCE GIS-Embedded Modeling Tools for Water Quality and Shellfisheries Management

Tomasz Dabrowski, MarCon Computations International Ltd.
Wednesday, July 15, 8:30 AM–9:45 AM
Room 28 B

ENV GIS-LIDAR Analysis Results at Valenciano Dam and Reservoir, Juncos, PR

Eldris C Ferrer, CSA Group
Wednesday, July 15, 8:30 AM–9:45 AM
Room 24 C

DEF Air National Guard QAP Workflow: PLTS Data ReViewer/Job Tracking Extension

Mark Alexander, Air National Guard
Wednesday, July 15, 8:30 AM–9:45 AM
Room 29 A

ACH Modeling 360 Degree Foot Travel among Hopi "Interaction Communities"

Nicholas Reseburg, Statistical Research, Inc.
Wednesday, July 15, 10:15 AM–11:30 AM
Room 28 E

FOR Using GIS to Identify Areas Suitable for Afforestation in KwaZulu-Natal

Owen Erik Howison, KZN Department of Agriculture and Env. Affairs

Wednesday, July 15, 10:15 AM–11:30 AM
Room 30 E

STA Residential Build-out Analysis Based on Zoning

Jihoon Son, Forsyth County, Georgia

Wednesday, July 15, 10:15 AM–11:30 AM
Room 24 A

SUS Humanitarian GIS: Does More Mean Better?

Nigel Woof, MapAction

Wednesday, July 15, 10:15 AM–11:30 AM
Room 28 D

OCE Utilizing Fish Finding and Navigation Equipment for Bathymetric Surveys

John Raymond, The Shaw Group

Wednesday, July 15, 10:15 AM–11:30 AM
Room 28 B

FOR Mapping Forest-Function for Watershed-Oriented Sustainable Forest Management in Laos

Khitlaxay Kokmila, Korea University

Wednesday, July 15, 10:15 AM–11:30 AM
Room 30 E

FOR Utilizing NEPTUNE Software to Compare Fire and Forest Harvest Patterns

Matthew Smith, Alberta-Pacific Forest Ind

Wednesday, July 15, 10:15 AM–11:30 AM
Room 30 E

SYS NASA Environmental Principal Center Efforts: Providing GIS/Web Mapping Support

Kelly Anne Boyd, NASA John C. Stennis Space Center

Wednesday, July 15, 10:15 AM–11:30 AM
Room 30 D

STA GIS In Support of Baltimore City Rezoning Process

Anna Krzystyniak – Sobiewska, Baltimore City Planning Department

Wednesday, July 15, 10:15 AM–11:30 AM
Room 24 A

ELC Improving Utility Process Using GIS Technologies

Kris Philpott, PowerStream Inc.

Wednesday, July 15, 10:15 AM–11:30 AM
Room 31 A/B

STA Integrating Zoning, Land-Use and Document Management under a GIS System

Leonid Mazur, Jefferson County Commission

Wednesday, July 15, 1:30 PM–2:45 PM
Room 24 A

MOD Urban Gradient Model Development through Feature Extraction from Multi-Resolution Images

Salman Qureshi, Department of Geography & Geology, University of Salzburg

Wednesday, July 15, 1:30 PM–2:45 PM
Room 29 D

PWK The City of Durham, North Carolina Terrain Model Dataset Project

Edward S. Cherry, City of Durham

Wednesday, July 15, 1:30 PM–2:45 PM
Room 24 B

WRE Groundwater Recharge Analysis with Spatial-temporal Scale of Chikugo-Saga Plain

Futa Izumi, Kyushu University

Wednesday, July 15, 1:30 PM–2:45 PM
Room 25 C

SYS Theme and Role-based Security Management for Enterprise Web GIS Viewer

Fei Wang, Metropolitan Washington Airports Authority

Wednesday, July 15, 1:30 PM–2:45 PM
Room 30 D

TRN Characterizing Transit Accessibility in the Spokane Region

Kerry R Brooks, Washington State University

Wednesday, July 15, 1:30 PM–2:45 PM
Room 23 A

TRN Commodities Flow: Using ArcGIS Server to Track Goods Movement

Mary Stallings, Grimail Crawford, Inc.

Wednesday, July 15, 3:15 PM–4:30 PM
Room 23 A

FED Integrated Wildland Threat Mapping in the USDA Forest Service

Alan Ager, USDA Forest Service

Wednesday, July 15, 3:15 PM–4:30 PM
Room 28 C

MOD Geospatial Model for Landslides Susceptibility Mapping

Elyn Tan, Singapore Land Authority

Wednesday, July 15, 3:15 PM–4:30 PM
Room 29 D

INS Swiss Re's New CatNet for Clients

Cornelia Schmidt, Swiss Re

Wednesday, July 15, 3:15 PM–4:30 PM
Room 26 B

STA Using GIS to Evaluate the Master Plan of Baghdad

Dhiya Mirjan, Baghdad University

Wednesday, July 15, 3:15 PM–4:30 PM
Room 24 A

DEF Geospatial Network-Centric Operations for the Warfighter (GeoNOW)

Ronald W. Bijeau, HQ USAREUR, ODCSENG

Wednesday, July 15, 3:15 PM–4:30 PM
Room 29 B

ORG The Balance between Centralized and Decentralized GIS in National Organizations

Bob Heuer, The Trust for Public Land

Thursday, July 16, 8:30 AM–9:45 AM
Room 24 C

DEF Leveraging on Serious Games with GIS for Process Experimentation

Esther Choa, Defence Science and Technology Agency

Thursday, July 16, 8:30 AM–9:45 AM
Room 29 B

WRE Vegetation Analysis in Las Vegas Valley Using Remote Sensing Techniques

Judith M. Brandt, Southern Nevada Water Authority

Thursday, July 16, 8:30 AM–9:45 AM
Room 26 A

WRE Fairfax County Hydro Model

Elfatih Salim, Fairfax County Government

Thursday, July 16, 8:30 AM–9:45 AM
Room 26 A

DIS Demographic Modeling Techniques using GIS for Nuclear Power Plant Emergencies

Bill Proger, Innovative Emergency Management

Thursday, July 16, 8:30 AM–9:45 AM
Room 17 B

ORG Evolving a GIS – Lessons Learned

Evan H. Brown, Sarasota County Government

Thursday, July 16, 8:30 AM–9:45 AM
Room 24 C

AEC A GIS-Based Master Plan for Hilly Terrain, Lavasa Case Study

Anubandh Hambarde, Lavasa Corporation Ltd

Thursday, July 16, 8:30 AM–9:45 AM
Room 30 C

STA Building a Residential Unit Table for Washington, D.C.

David Y. Jackson, D.C. Government
Thursday, July 16, 10:15 AM–11:30 AM
Room 24 A

CEN Electoral Mapping of Polling Stations in Cote D'Ivoire

Wagaye Teshome Jenbere, ONUCI
Thursday, July 16, 10:15 AM–11:30 AM
Room 23 B

MOD Conflict Management in the Forest Landscape

Jonas Bohlin, Swedish University of Agricultural Sciences
Thursday, July 16, 10:15 AM–11:30 AM
Room 29 D

MIN Geotechnical Information for Earthquake Ground Motion at Seoul Metropolitan Area

Choong-Ki Chung, Seoul National University
Thursday, July 16, 10:15 AM–11:30 AM
Room 28 D

AEC Managing a Safe Work Environment

Jason Wadsworth, KBR
Thursday, July 16, 10:15 AM–11:30 AM
Room 30 C

ORG Enterprise GIS at the Urban Planning Agency of Libya

Rafael Lucero, UN HABITAT
Thursday, July 16, 10:15 AM–11:30 AM
Room 24 C

ORG Building Web Mapping Capabilities for Your Organization: TPL's Journey

Christian Smith, the Trust for Public Land
Thursday, July 16, 10:15 AM–11:30 AM
Room 24 C

MOD Modeling Species Habitat in the National Forests of Southwest Idaho

Ryan Heaslip, Photo Science
Thursday, July 16, 10:15 AM–11:30 AM
Room 29 D

DEF GIS Solutions to Problems in Physical Geodesy

James Robert Beale, NGA
Thursday, July 16, 10:15 AM – 11:30 AM
Room 29 C

PNR Modeling Invasive Grasses in Joshua Tree National Park

Laura Horner, University of Redlands MS GIS
Thursday, July 16, 1:30 PM–2:45 PM
Room 32 B

MIN Using ESRI Software for 3-Dimensional Mapping of Geochemical Data

Stuart A. Giles, U.S. Geological Survey
Thursday, July 16, 1:30 PM–2:45 PM
Room 28 D

WRE Methodologies to Calculate Aquifer Parameters of Wells over a Region

Jason Kord, Leonard Rice Engineers, Inc.
Thursday, July 16, 3:15 PM–4:30 PM
Room 25 C

EMS Fire Data Management Tool: A Spatially-Enable Database for Fire Activities

Marion Noble, The Nature Conservancy
Thursday, July 16, 3:15 PM–4:30 PM
Room 17 A

LAW The Use of GIS Planning and Management of Public Safety

Celso Goncalo Dias Jr. Secretary of State for Public Safety
Thursday, July 16, 3:15 PM–4:30 PM
Room 17 B

CDA Leveraging Assessing Data in Today's Economic Environment

Dawn Siegel, Department of Information Technology, Oakland County, MI
Thursday, July 16, 3:15 PM–4:30 PM
Room 28 C

