

PROGRAM

Plenary Session

Pre/Postconference Sessions

Paper Sessions

Technical Workshops



Plenary Session

Vilnius Congress Concert Hall

Wednesday, October 14

| | |
|-----------------------|--|
| 8:00 a.m.–9:30 a.m. | Registration, coffee |
| 9:30 a.m.–9:45 a.m. | Welcome Address Linas Gipiskis, Managing Director, HNIT-BALTIC |
| 9:45 a.m.–10:45 a.m. | Keynote Address "GIS—Geographic Awareness" Jack Dangermond, President, ESRI Inc. |
| 10:45 a.m.–11:15 a.m. | Coffee |
| 11:15 a.m.– noon | ESRI Product Development: Current Status (9.3.1) - Technical presentations and Software demos |
| 12:00 p.m.–1:30 p.m. | Lunch |
| 1:30 p.m.–2:30 p.m. | ESRI Product Development: Future Plans (9.4) - Technical presentations and Software demos |
| 2:30 p.m.–3:00 p.m. | Keynote presentation: "To E or Not to E" Linnar Viik, Associate Professor and Member of the Board, Estonian Information Technology College; Member of the Governing Board, European Institute of Innovation and Technology |
| 3:00 p.m.–3:30 p.m. | Coffee |
| 3:30 p.m.–4:00 p.m. | Corporate Social Responsibility: The Planet Action Initiative Herve Buchwalter, President and CEO of SPOT Image |
| 4:00 p.m.–4:30 p.m. | Keynote presentation: "Environmental challenges meet practical solutions" Zymantas Morkvenas, Director , Baltic Environmental Forum |
| 5:00 p.m.–8:00 p.m. | Opening of Exhibition and Welcome Reception (<i>Reval Hotel Conference Hall</i>) |

Preconference Sessions

Reval Hotel Conference Hall

October 5–9

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|-------------------|--|
| Session | PLTS Nautical Solution Training |
| Organizers | ESRI, presenter Kevin Ingram |
| Cost | 1800 EUR |

Tuesday, October 13, 9:00–17:00

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|-------------------|--|
| Session | Cellular Expert—Radio Network Planning and Optimization Solution for ArcGIS |
| Organizers | HNIT-BALTIC, Telecommunication Solutions Department |
| Cost | 110 EUR |

Tuesday, October 13, 9:00–17:00

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|-------------------|---|
| Session | Building Web Map Solutions Using ArcGIS Server |
| Organizers | ESRI, presenter Rex Hansen |
| Cost | 110 EUR |

Tuesday, October 13, 9:00–17:00

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|-------------------|--|
| Session | Enterprise Geodatabase Tuning—Tips & Tricks |
| Organizers | ESRI, presenter John Alsup |
| Cost | 110 EUR |

Tuesday, October 13, 14:00–17:00

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|-------------------|---|
| Session | SDI/INSPIRE Architecture |
| Organizers | ESRI, presenters Christian Elfers, Antje Hünerkoch, Andreas Wytzisk, Ismael Chivite |
| Cost | Free of charge |

Postconference Session

October 19-23

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|-------------------|---------------------------------------|
| Session | PLTS Defense Solution Training |
| Organizers | HNIT-BALTIC, presenter Kestutis Cypas |
| Cost | 1100 EUR |

(More information www.esri.com/euc)

Paper Sessions

Reval Hotel Conference Hall

Thursday, October 15

| Sessions | Rooms | | | | | |
|---|--|---|--|--|---|---|
| | OMIKRON | TAU | IOTA | THETA | OMEGA | LAMBDA 1 |
| | Defense & Homeland Security | Transportation & Logistics | Utility | SDI, Cadastre & Mapping | Environment & Natural Resources | Local government & Urban development |
| No 1 8.30 a.m. - 10.00 a.m. | What's new for GIS in Defence & National Security? (Chris Dorman, ESRI) | GIS in Vilnius ITS (Arunas Mazuna, Vilnius Municipal Transport Enterprise "Susisiekimo paslaugos", Lithuania) | GIS as a Strategy to Programme Management (Kendall James, CH2M HILL, UK) | Streamlining Customer Services at the Centre of Registers of Lithuania (Kestutis Sabaliauskas, Centre of Registers, Lithuania) | GIS Approaches in Landscape Ecology (Peteris Lakovskis & Co-authors, University of Latvia, Faculty of Geography and Earth Sciences, Latvia) | Digital mapping and 3D GIS for urban development (Zilvinas Stankevicius, Municipal enterprise Vilniaus planas, Lithuania) |
| | GIS Solutions in Traffic Information System (Audrius Dikevicius, The Lithuanian Road Administration under the Ministry of Transport and Communications, Lithuania) | Tunnelling Ahead: Using GIS to Support London Tideway Tunnels (Chris Ewing, Halcrow, UK) | Steps forward practically implementing National Spatial Data Infrastructure in Lithuania (Saulius Urbanas, National Land Service, Lithuania) | Sediment Yields from Different Land Use Types of Determine (Miraç Aydin & Co-authors, Kastamonu University, Turkey) | Tallinn Spatial Data Geodatabase (Kristel Lelov-Brossard, Tallinn City Planning Department, Estonia) | |
| | The growing role of the GIS within the Electronic Warfare and the Information Superiority (Giuseppe Nobile, NATO HQ SITCEN, Belgium) | National Traffic Information Center in the Czech Republic (David Novak, VARS BRNO a.s., Czech Republic) | Using GIS to make collaborative decisions (Lucy Anderson, Mott MacDonald, UK) | Re-design of the data infrastructure for the protected areas in Europe (Jan Bliki, European Environment Agency, Denmark) | Mapping Structures of Cultural Landscape (Darius Veteikis, Vilnius University, Lithuania) | The City of Reykjavik GIS Project - LUKR (Stefan Gudlaugsson, Samsyn, Iceland) |
| 10.00 a.m. - 10.30 a.m. Coffee | | | | | | |

Thursday, October 15 (continues)

| Sessions | OMIKRON | TAU | IOTA | THETA | OMEGA | LAMBDA 1 |
|--|---|---|---|---|--|--|
| | Defense & Homeland Security | Transportation & Logistics | Utility | SDI, Cadastre & Mapping | Environment & Natural Resources | Local government & Urban development |
| No 2 10.30 a.m. - 12.00 p.m. | Terrain Analysis Support: Mobility Modeling for Peace-keeping Operations. Jonathan Stewart, GIS Centre UNLB, Italy | Lithuanian road information system (Laurynas Ivinskis, The Lithuanian Road Administration under the Ministry of Transport and Communications, Lithuania) | Smart Grid, the Role of GIS and Executive Dashboards (Andy Bennett, TELVENT MINER & MINER, USA) | INSPIRE@EC – Setting up an European Commission SDI (Antje Hünerkoch, Con terra GmbH, Germany) | Operational Forest Monitoring (Erik Willén, Metria, Sweden) | Modelling the reality for Spatial Data Registry (Mati Tee, AS Regio, Estonia) |
| | CEI GIS: a web GIS for the Critical Energy Infrastructures representation (Monica Peggion, ISPRA, Italy) | GIS in the Hungarian Road Administration (Veronika Forrai-Hernádi, The Coordination Center for Transport Development of the Ministry of Transport, Telecommunication and Energy, Hungary) | Digitizing of Electricity Distribution Network companies technical information and integration with GIS applications (Arunas Stasionis, East Network Distribution, Lithuania) | INSPIRE Fusion Center - ArcGIS based INSPIRE Services (Christian Elfers, Con terra, Germany) | Forest Recreation and Nature Protection Planning in Lithuanian State Forests (Linus Juozaitis & Co-authors, Forest Inventory and Management Institute, Lithuania) | Vilnius city services and GIS data providing (Justas Urbonas, Vilnius city municipality, Lithuania) |
| | Emergency response system in Iceland (Kristinn Gudmundsson, Samsyn, Iceland) | Use of route simulation program Arc Logistics in Vilnius duona (Dainius Buknys, JSC "Vilniaus duona", Lithuania) | Spatial Analyst: Deciding preferred windfarm locations over all Estonian land and sea areas (Eero Saava, Eesti Energia AS, Estonia) | ESDIN — European Spatial Data Infrastructure with a Best Practice Network (Clemens Portele, Interactive instruments, Germany) | Put The Plan of Fire Break Roads and Bands into Practice with GIS, Turkey-Akkaya Sampling (Korhan Enez & Co-authors, Kastamonu University, Turkey) | GIS development and cooperation experience in Klaipeda City Municipality (Marija Buivydiene, Kaipeda City Municipality, Lithuania) |
| 12.00 p.m. - 1.30 p.m. Lunch | | | | | | |
| No 3 1.30 p.m. - 3.00 p.m. | An Overview of WorldView-2 and its applications in Geospatial Intelligence (John Allan, DigitalGlobe, UK) | The forest road network planning at ArcGIS (Aricak Burak, Kastamonu university department of forestry, Turkey) | Four Utility Case Studies (Florian Brandi-Dohrn, AED-SICAD, Germany) | Republic of Croatia – State Geodetic Administration Geoportal (Zoran Vujic, State Geodetic Administration, Croatia) | Forester GIS (Charles Kennelly, ESRI (UK) Ltd., United Kingdom) | Geo-Max: Maximizing Location to Improve Asset Management (Ed Riegelmann, CH2M HILL – Enterprise Management Solutions, UK) |
| | ESRI GIS products in Lithuanian Command & Control Information System (C2IS) (Maj. Viktoras Kucenko & Co-authors, Joint Headquarters of Lithuanian Armed Forces) | Automatic Selection and location of transit vertical signs with ArcGIS (Maria Gaspar, Azorean regional government, Portugal) | Experience and GIS solutions at Lithuanian Gas Company (Mindaugas Rasiukevicius, Lithuania) | Lithuanian Geoportal Live: users perspective (Audrius Kryzanas, GIS-Centras, Lithuania) | Spatial Analysis for Monitoring Forest and Its Impact in Solo River Watershed (Turmudi M.Si & Co-authors, National Coordinating Agency for Surveys and Mapping, Indonesia) | Valuing property in St Vincent and the Grenadines (Chris Ewing, Halcrow, UK) |
| | ESRI Defence & National Security User Group Meeting and Closing Remarks (Facilitated by Chris Dorman, ESRI EDT) | GIS based traffic modeling to assist traffic observation and forecasting programs in Estonia (Tor Vorraa, Citilabs, UK) | Biogas feed-in: GIS approach for site planning and potential assessment (Michael Jandewerth, Fraunhofer UMSICHT, Germany) | Lithuanian geoportal: pricing and ordering (Lina Papsiene, GIS-Centras, Lithuania) | GIS Application in Environmental Noise Management in the Baltic Countries (Oskars Beikulis & Co-authors, SIA Estonian, Latvian & Lithuanian Environment, Latvia) | Land related Processes using SAP and ESRI (Enrique Yaptenco, ESRI Suisse SA, Switzerland) |
| 3.00 p.m. - 3.30 p.m. Coffee | | | | | | |

Thursday, October 15 (continues)

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|---|---|--|--|--|--|---|
| Sessions | OMIKRON | TAU | IOTA | THETA | OMEGA | LAMBDA 1 |
| | Education | Transportation & Logistics | Utility | SDI, Cadastre & Mapping | Environment & Natural Resources | Local government & Urban development |
| <p>No 4 3.30 p.m.- 5.00 p.m.</p> | <p>The future of GIS in education (Michael Gould, ESRI)</p> | <p>Navigation solutions – Enterprise Business Tools with Clear Return on Investment? (Peter Beaumont, NAVTEQ Europe B.V., Netherlands)</p> | <p>Web based asset Management (Tom Siniard, 3-GIS, USA)</p> | <p>REGIS: a "geoservice-oriented" infrastructure for many users and needs (Marco Panebianco, Lombardia Informatica Spa, Italy)</p> | <p>Using Spatial Data for Air Quality Assessment (Marek Maasikmets, Estonian Environmental Research Centre, Estonia)</p> | <p>From Census 2010/11 towards harmonized European grid based population dataset (Diana Makarenko-Piirsalu, Statistics Estonia)</p> |
| | | <p>SmartBay Returns ROI with Spatial and Dynamic Data (Robert McCarthy, IBM, USA)</p> | <p>Quality of Life and Climate Change Vulnerability, Lisbon Metropolitan Area (Stephanie Duce, Higher Institute of Statistics and Information Management, Spain)</p> | | | |
| | | <p>Innovation in traffic data: improving ROI in Logistics, improving efficiency in Public Services (Stella Silvestri, Tele Atlas, Italy)</p> | <p>Challenges in GIS with rapid fiber development (Eivind Aasland, Lyse Energi AS, Norway)</p> | <p>GTK's metadata editor (Tero Rönkkö, DG Regione Lombardia, Italy)</p> | <p>Towards Shore Protection of Surface Water Bodies (Zenta Razanauskiene & Co-authors, The Administration of Pavilniai and Verkiiai Regional Parks, Lithuania)</p> | <p>Multitemporal Urban Greenness Assessment for Piracicaba, SP - Brazil (Paulo Guilherme Molin & Co-authors, Institute for Geoinformatics - University of Münster, Germany)</p> |
| | | <p>Utility GIS at Eesti Gaas (Valeri Kapanen, Estonia)</p> | <p>Ordnance Survey Ireland (OSi) Next Generation Data Model (Bernard Farrell, OS Ireland)</p> | | | |

Friday, October 16

| Sessions | OMIKRON | TAU | IOTA | THETA | OMEGA |
|---------------------------------------|---|--|---|---|--|
| No 5 8.30 a.m. - 10.00 a.m. | Education Spatial Information Management: A new GI- MSc Program at CUAS, Austria (Gernot Paulus, Carinthia University of Applied Sciences, Austria) | Telecommunications Integrated Network design and documentation with Network Engineer and CRAMER (Stefan Jung, ESRI Germany, Germany) | Utility Asset Management and GIS in Utility Network Maintenance (Grzenda Maciej, Megabit, Poland) | SDI, Cadastre & Mapping Implementation of German standards in Cadastre (Florian Brandi-Dohrn, AED-SICAD, Germany) | Environment & Natural Resources GEO-Enabling Conservation & Communities in Brazil (Steven Eglinton, Tube Lines, United Kingdom) |
| | Online Geographic Information Training for SDI Capacity Building in Lithuania (Giedre Beconyte & Co-authors, Vilnius University, Lithuania) | Telecommunications services coverage seeker in Catalonia (Benet Rodríguez, CTITI, Spain) | Photo management for a Water Resources Alliance (Christoph Kany, alta4 Geoinformatik AG, Germany) | Web application for electronic drawing and declaration of agriculture fields for subsidy application (Jurij Lavrinovich, Agri Information and Rural Business Centre, Lithuania) | Quantifying Long and Short-term Hydrologic Responses in Nevezis Basin (Antanas Dumbrasukas, Lithuanian University of Agriculture, Lithuania) |
| | Preparation of GIS Specialists in Kaunas College: Innovation and Achievements (Birute Nenortaite & Co-authors, Kaunas College, Lithuania) | Utilizing Enterprise GIS in mobile operator (Dalius Radis, Bite, Lithuania) | Electrical and Telco Network management with ArcFM UT (Robert Denamur & Co-authors, ESRI BeLux, Belgium) | Geo Surveyor - web application for Lithuanian Land Cadastre (Saulius Milevicius, Centre of Registers, Lithuania) | Approaches & Tools for the EU Water Framework Directive (Gearóid Ó Riain & Co-authors, Compass Informatics Limited, Ireland) |
| | | | | Compulsory purchase methods to money compensation in land acquisition (Maria do Rosário Pós de Mina Costa, EDIA, Portugal) | |
| 10.00 a.m. -10.30 a.m. Coffee | | | | | |
| No 6 10.30 a.m.- 12.00 p.m. | Spatial Thinking: Conception and Experience at the Faculty of Mathematics and Informatics, Vilnius University (Algimantas Juozapavicius & Co-author, Vilnius University, Lithuania) | Using GIS-powered Cellular Expert tool in university's telecommunications course (Arturas Medeisis, Vilnius Gediminas Technical University, Lithuania) | TBD | Updating Estonian National Topographic Database Using Multiple Data Sources (Kristian Teiter, Estonian Land Board) | The Water Information Management System in Romania (Florin Hoinarascu & Co-authors, TeamNet International, Romania) |
| | Mobile GIS on University Level Excursions. Advantages and Drawbacks (Josef Gspurning, University of Graz, Austria) | Using LIDAR data in Telecommunication (Trond Ottersland, GEODATA, Norway) | TBD | Creating a data production flow line using PLTS and the Interoperability Extension (John Dancy, Ordnance Survey, UK) | Groundwater Assessment for Peacekeeping Camps (Andrea Tonini, United Nations, Italy) |
| | GIS in Education System of Environmental Engineering Faculty of VGTU (Marija Burinskiene, Vilnius Gediminas Technical University, Lithuania) | Modeling cost factor of service for vertical excavations of duct systems using ArcGIS (Gregor Dejan, GISDATA, Slovenia) | TBD | PLTS capabilities in Map Production workflow (Enar Leht, Estonian Defense Forces) | BiodiversityIreland - A Data Management & Mapping Resource for Species & Habitats (Gearóid Ó Riain & Co-authors, Compass Informatics Limited, Ireland) |
| | Geo-informatics Education In The UAE: An Approach (Mohamed Rashed Bualhamam, UAE University, UAE) | | | | |
| 12.00 p.m. - 1.00 p.m. Lunch | | | | | |

Friday, October 16 (continues)

| Sessions | OMIKRON | TAU | IOTA | THETA | OMEGA |
|--|--|---|---------|---|---|
| | Education | Telecommunications | Utility | SDI, Cadastre & Mapping | Environment & Natural Resources |
| <p>No 7 1.00 p.m. - 2.30 p.m.</p> | ESRI Software in Teaching Geography at the University of Tartu (Kiira Mõisja & Co-authors, University of Tartu, Estonia) | Use of Cellular Expert Radio Planning Tool at Vilnius University (Algimantas Kežionis, Vilnius University, Lithuania) | | EuroRegionalMap: From National to European Medium Scale Geodatabase (Birutė Vilunaite, GIS-Centras, Lithuania) | Using GIS Technology in the Management of Animal Genetic Resources (Chaido Mizeli & Co-authors, Aristotle University of Thessaloniki, Faculty of Agriculture, Dept. of Animal Production, Greece) |
| | Teaching Teacher in Remote Sensing (Wolfgang Sulzer, University of Graz, Austria) | Telecommunication Seminar (Randy Frantz, ESRI) | | Photogrammetric mapping using ArcGIS and Stereo Analyst (Eva Loolaid-Raudpuu, EOMAP, Estonia) | Atlas of Polish Marine Area Bottom Habitats (Lucyna Kryla-Straszewska & Co-authors, University of Gdansk, Poland) |
| | ESRI Software in R&D Projects at the University of Tartu (Tõnu Oja & Co-authors, University of Tartu, Estonia) | | | Mapping using database driven cartography in AGI (Gintaras Rumsas, AGI, Lithuania) | Mobile Data Collection and Data Management in Environmental Board (Jürgen Öövel, Keskkonnaamet, Estonia) |
| | | | | CFS_PARTI: An Effective ArcPad Customization for Environmental Data Collection (Giacomo Colle & Co-authors, CRA-MPF, Italy) | |

The conference organizers reserve the right to modify the event program.

Technical Workshops

Reval Hotel Conference Hall

Thursday, October 15

Rooms

| | ZETA | GAMMA | ETA | EPSILON |
|---|---|--|---|--|
| 8.30 a.m. - 10.00 a.m. | Working with ArcGIS Explorer 900 (offering 1) [Laimonas Liskauskas, HNIT-BALTIC] | Editing with ArcGIS - Tips and Tricks + What's new in 9.3.1 (offering 1) [Adam Pittman, ESRI] | What's New in ArcGIS Server 9.3.1 [Rex Hansen, ESRI] | ESRI Mobile GIS Solutions (ArcPad and ArcGIS mobile) (offering 1) [Lauras Balakauskas, HNIT-BALTIC] |
| 10.00 a.m. - 10.30 a.m. <i>Coffee</i> | | | | |
| 10.30 a.m. - 12.00 p.m. | ArcGIS Server 9.4 and road ahead (offering 1) [Ismael Chivite, ESRI] | What's Coming in ArcGIS 9.4 Desktop (offering 1) [Adam Pittman, ESRI] | Geodatabase Editing Workflows (offering 1) [John Alsup, ESRI] | Building Mashups Using ArcGIS Server (offering 1) [Rex Hansen, ESRI] |
| 12.00 p.m. - 1.30 p.m. <i>Lunch</i> | | | | |
| 1.30 p.m. - 3.00 p.m. | Building Great Web Map Applications (offering 1) [Ismael Chivite, ESRI] | Introduction to ModelBuilder and Python Scripting [Adam Pittman, ESRI] | Managing Distributed Data with Geodatabase Replication (offering 1) [John Alsup, ESRI] | ArcGIS Server Image Services and the Image Extension: An Introduction, Using Image Service in Desktop and Web Applications, and Image Management [Günter Dörffel, ESRI Germany] |
| 3.00 p.m. - 3.30 p.m. <i>Coffee</i> | | | | |
| 3.30 p.m.- 5.00 p.m. | Working with ArcGIS Online in a Web 2.0 World [Ismael Chivite, ESRI] | Editing with ArcGIS - Tips and Tricks + What's new in 9.3.1 (offering 2) [Adam Pittman, ESRI] | Building Mashups Using ArcGIS Server (offering 2) [Rex Hansen, ESRI] | ESRI Mobile GIS Solutions (ArcPad and ArcGIS mobile) (offering 2) [Lauras Balakauskas, HNIT-BALTIC] |

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| 10.00 a.m. -10.30 a.m. <i>Coffee</i> | | | | |
| 10.30 a.m.- 12.00 p.m. | Building Great Web Map Applications (offering 2) [Rex Hansen, ESRI] | ModelBuilder and Python Scripting - Advanced Techniques [Adam Pittman, ESRI] | Managing Distributed Data with Geodatabase Replication (offering 2) [John Alsup, ESRI] | ArcGIS Spatial Analyst [Kestutis Papsys, HNIT-BALTIC] |
| 12.00 p.m. - 1.00 p.m. <i>Lunch</i> | | | | |
| 1.00 p.m. - 2.30 p.m. | Leveraging Your GIS Investment to Fleet Optimization with ArcLogistics and ArcLogistics Navigator [Marius Jakimavicius, HNIT-BALTIC] | Working with 3D Data in ArcGIS – Terrains, Lidar Data, 3D Cities [Adam Pittman, ESRI] | Data Interoperability - An Introduction [Laimonas Liskauskas (HNIT-BALTIC), Marcel Le Blanc (SAFE)] | Advanced Cartography in ArcGIS [Kestutis Cypas, HNIT-BALTIC] |

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