

Land Information Systems for Smart Cities

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Speakers

Opening session



Mrs. Virginia S. CRAM-MARTOS

Director,
Economic Cooperation, Trade and Sustainable Land Management Division
United Nations Economic Commission for Europe, Switzerland

Mrs. Virginia S. CRAM-MARTOS is Director of the Economic Cooperation, Trade, and Land Management Division in the United Nations Economic Commission for Europe (UNECE). She holds an MBA in International Business from the University of Chicago and a Masters in finance from the Université Catholique de Louvain in Belgium. After working for more than 14 years in the private sector, Ms. Cram-Martos started her career at the UN in 1992. As Division Director, Mrs. Cram-Martos supervises inter-governmental programmes covering: trade facilitation; trade related standards including commercial agricultural quality standards and electronic business standards; innovation and competitiveness; public-private partnerships (PPPs); the sustainable management of forests; and sustainable housing and land management.



Elena SZOLGAYOVÁ

Director General
Ministry of Transport, Construction and Regional Development of Slovakia,
& Chair of the Committee on Housing and Land Management
UN Economic Commission of Europe, Switzerland

Elena Szolgayová, an architect and urban planner with long-standing research experience, has been advising state and municipal housing policy makers since the early 1990s. In 1999 she joined the state administration, where she has been acting in several senior positions, recently as Director General of the DG Housing Policy and Urban Development at the Ministry of Transport, Construction and Regional Development. She has been involved in numerous UN ECE and EU housing activities and Working groups targeted at housing and urban development, and has contributed to several UN ECE and research publications related to urban and housing issues. Since 2013 she acts as chair of the UN ECE Committee on Housing and Land Management.



Dr. Elshad KHANALIBAYLI

Head of Department
Deputy Head of Investment and Cooperation Department
State Committee on Property Issues, Azerbaijan
& Chair of UNECE Working Party on Land Administration

PhD, Dr. Elshad Khanalibayli, Chair of the UNECE Working Party on Land Administration, Head of Investment, International Cooperation and Strategic Planning Department of the State Committee on Property Issues, the Republic of Azerbaijan. Educated in Baku, Moscow and London, had been working as the Regional Sales Manager (Caucasus) of the Gillette International several years, before he began his career at the State Committee on Property Issues in 1999. He is involved as a Chair and/or a Project Manager in a number of projects like the management and privatisation of large-sized state-owned enterprises, creating of digital cadastre database, improving Real Estate Registration system, development of Address Register Information System in Azerbaijan, etc. He closely cooperates with both international organisations and national authorities of foreign states.



Mr. John PEADEN

Director of Operations
HM Land Registry for England and Wales, United Kingdom

As Director of Operations, John is ultimately responsible for the delivery of all operational Key Performance Indicators at Land Registry, customer engagement and satisfaction, as well as other internal targets. As a member of the Land Registry Board and a Director of the business, John has shared responsibility for leading and managing the business and for supporting the Chief Executive. John is also the Land Registry Board Champion for issues relating to gender and health & wellbeing. John is responsible for 14 Local Offices, currently on 17 sites, with line management responsibility for over 4,000 staff, Central Operations Group, Operations Assurance, and Digital Transformation. John has worked in Land Registry for over 30 years. Before taking up his current role in April 2010, he managed a number of local offices and project-managed the roll out of the PC infrastructure, computer mapping and other system developments during the 1990s. John lives in South Oxfordshire and enjoys keeping reasonably fit by running, mountain biking, skiing and scuba diving when he can. He also enjoys music and watching films, and supporting Newcastle United (through thick and thin... mostly thin).



Mr. Stefano SCALERA

Director
Agenzia def Demanio, Italy

Stefano Scalera is the Head of the *Agenzia del Demanio* (Italian State Property Agency) since November 2011. Stefano is also member of the Board of Directors of the *National Agency for the administration of assets confiscated to organized crime*. He is also member of the *ULI* (Urban Land Institute) Europe Advisory Board, a non-profit organization for research and education whose aim is the sustainable use of land. Before that he was Executive General Manager in charge of the state assets management policies within the *Department of Treasury* from July 2008 to October 2011. In 2008, he was Secretary-General of the *Authority for the Supervision of Public Contracts for Works, Services and Supplies*. He was Head of the Technical Secretariat of the *Ministry of Economy and Finance* from 2005 to 2007. Author of various publications on the subject of financial markets and real estate, his research interest include Public debt, e-procurement and Europe Integration.



Mr. Abduvali KOMILOV

Chairman

Committee for Construction and Architecture, Tajikistan

Abduvali graduated from the Tajik Technical University named after M.S.Osimi with the specialization in Industrial and civil construction in 1976. Starting from December 2006 he has been a Director of the Agency for Construction and Architecture under the Government of the Republic of Tajikistan. Previously he had worked as a Head of Leninabad city building trust under the Ministry of Construction of Tajikistan (1987-1996); as a Deputy Chairman of Leninabad city region of Tajikistan (1996-1997); as a Chairman of the city Khujand of Leninabad region of Tajikistan (1997-1999); as a Director General of the open joint-stock company "Leninabadstroy" (1999-2001); as Deputy Chairman of State construction company "Tajikstroy," Dushanbe, Tajikistan (2001-2003); a Deputy Chairman of the State Committee for Construction and Architecture of the Republic of Tajikistan (2003-2006) and as a Deputy Chairman of the Khatlon region of Tajikistan (01.2006-12.2006).



Mr. Vincent HOONG

Chief Executive

Singapore Land Authority (SLA), Singapore

Mr. Hoong is a lawyer by training with a law degree from the National University of Singapore. He has also completed the Advanced Management Program at the Harvard Business School, Harvard University. After graduation, he was admitted to the Singapore Supreme Court as an advocate and solicitor and spent a year in private practice, specializing in banking and commercial matters. He then joined the Singapore Legal Service and held various judicial appointments in the Supreme and Subordinate Courts as an Assistant Registrar, Magistrate, Coroner and District Judge, respectively. In 2001, when the Singapore Land Authority was formed, he was seconded there and was subsequently appointed its Deputy Chief Executive. In 2009, he was appointed the Chief Executive. He holds the concurrent statutory appointments of Registrar of Titles and Deeds and the Controller of Residential Properties. Outside of SLA, he sits on the Singapore Academy of Law's Lawnet Management Committee and chairs one of its sub-committees.



Mr. Karam HASANOV

Chair

State Committee on Property Issues, Azerbaijan

Mr. Karam Hasanov graduated with an honours degree from Azerbaijan State Economics University. From 1992 to 2000 he was Head of Department at the State Committee of the Republic of Azerbaijan on Antimonopoly Policy and Support for Entrepreneurship. In 2000-2001 he was Deputy Minister of State Property of the Republic of Azerbaijan. Between 2001 and 2005, He was serving as Director of Department on Management and Privatisation of State Property at the Ministry of Economic Development of the Republic of Azerbaijan. From 2005 to 2009 he was Chairperson of the State Committee of the Republic of Azerbaijan for Management of State Property. Since 2009 he has been Chairperson of the State Committee on Property Issues, the Republic of Azerbaijan.

Session 1



Mr. Kees DE ZEEUW

Director of Kadaster International
Cadastre, Land Registry and Mapping Agency, The Netherlands

He holds an MSc degree in land and water management (1989). After long term contracts in Rwanda and Bolivia he has been working more than 10 years in environmental and geo-information sciences at Wageningen University and ResearchCentre. After being responsible at Kadaster for product and process innovation (2007 – 2010), he now is responsible for the coordination of Kadaster's international activities and international cooperation projects. Kadaster International provides worldwide advisory services in the domain of land administration, e-governance, geo-information services and SDI.



Mr. Siegfried NAGL

Mayor of Graz
City of Graz, Austria

Siegfried Nagl has been Mayor of the City of Graz since 2003. He is a visionary who works towards putting the city on a long-term and sustainable foundation for the future: the development of the city's Reininghaus district is currently one of Europe's largest Smart City projects. With its base in and around Graz, Green Tech Valley concentrates as one of the world's largest green tech clusters more than 170 companies and organisations, many of which are global technology leaders. This specialised profile is supported by the on-going transfer of knowhow from five universities – however, it is also proof that awareness for sustainability has top political priority.



Mr. Peter CREUZER

Director State Survey and Geospatial Basic Information
Agency for Geoinformation and Land Development of Lower Saxony (LGLN)
Germany

Currently holds the position of Director State Survey and Geospatial Basic Information at Agency for Geoinformation and Land Development of Lower Saxony (LGLN), Peter is also a representative of Adv in the UNECE WPLA. He has held additional functions in the past of Secretary General of the Working Committee of the Surveying, Authorities of the States of the Federal Republic of Germany (Adv) from 1998 - 2002 and Chairman of the Working Party on Land Administration WPLA) of the UNECE Committee on Housing and Land Management from Nov 2005 - Jun 2009.



Ms. Gulnara ROLL

Head

Housing and Land Management Unit,
Economic Cooperation, Trade, and Land Management
United Nations Economic Commission for Europe (UNECE), Switzerland

Ms. Roll is Secretary of an intergovernmental UN Economic Commission for Europe (UNECE) Committee for Housing and Land Management and Head of Housing and Land Management Unit at Trade and Sustainable Land Management Division, UN Economic Commission for Europe. UNECE joins 56 countries from Europe, Caucasus, Central Asia and Northern America. Gulnara's educational background is in Human Geography and Environmental Sciences. Prior to joining UNECE in 2009, Dr. Roll worked in academia and management of international programmes on research, spatial planning and regional development in Brussels, Belgium; Tartu, Estonia; and St. Petersburg, Russia.



Mr. Andreas LITTKOPF

Director International affairs
Environment Agency Austria, Austria

He holds a degree in agriculture (terrestrial ecology) from the Humboldt University in Berlin (1986) and a degree in business management (2000). After working as head of the department in a local environment agency, he acted as Pre-Accession Adviser and Residential Twinning Adviser in Poland and Slovenia implementing environment related EU directives. Since 2007 he has led the European Topic Centre for Land Use and Spatial Information and from 2011-2012 the European Topic Centre for Spatial Information and Analysis. He also co-ordinated research activities of the University teams and was involved in several Research projects related to land management and spatial information. In July 2012 he started working at the EAA Environment Agency Austria, where he is responsible for project development with European organisations and international financial institutions. He is currently coordinating a Central Asian project on environmental monitoring and is building up a team on sustainable urban development.



Mr. Tony Bonnici

Economic Affairs Officers
Economic Cooperation and Integration Division
UNECE, Switzerland

Counting on his background in Law and International Relations, Tony joined the Diplomatic Service of Malta in September 1988, and in the subsequent eighteen years, worked at head office and in three diplomatic missions (Rome, London and Geneva). Tony is currently a senior member of the PPP secretariat at the United Nations Economic Commission for Europe (UNECE) in Geneva, and is involved in organising and delivering training, capacity building and policy advice to Governments, including undertaking national PPP readiness assessments in countries at the early stages of their PPP development. He is also the Secretary of the UNECE Team of Specialists on PPP, an intergovernmental body with strong private sector involvement.



Ms. Kari Aina EIK

Secretary General

Organization for International Economic Cooperation, Austria

Kari Aina Eik is Norwegian and the Secretary General of the OiER – Organization for International Economic Relations, based in Vienna, Austria. OiER is a global business platform facilitating cooperation between enterprises, investors, governments, international organizations and funding institutions, www.oier.pro. Focus of the work is also to initiate business partnerships for development, especially in frontier markets. Kari Aina Eik has 15 years of experience working for UN agencies as Senior Management Advisor to advise and plan multi-national and multi-stakeholder program development, fundraising and strategic communication initiatives.



Mr. Somkid SARI

Advisor on Performance Efficiency

Land Titling Project Office, Thailand

Mr. Somkid Sari earned Bachelor's degree in Laws from Ramkhamhaeng University and Master's degree in Public Administration Program from National Institute of Development Administration (NIDA). He has been working with the Department since 1st December 1978. He currently holds a position of the Advisor on Performance Efficiency for the Department of Lands, Ministry of Interior. He has 36 years of experience in Thailand land administration. Beginning his work with the position of Land Technical Officer, after, the scope of his experiences has virtually spanned in all aspects of land administration including Chief of Registration Section, Chief of Branch Land Offices, Chief of Provincial Land Offices and Chief of Bangkok Metropolitan Land Office respectively. He has received the Royal Decoration of Knight Grand Cordon (Special Class) of the Most Noble Order of the Crown of Thailand.

Session 2



Mr. Dave CARTER

Head of the Manchester Digital Development Agency (MDDA)

Manchester City Council, UK

MDDA runs the Manchester Living Lab, an innovation centre focusing on digital technologies and their applications to support smart, inclusive and sustainable economic growth. MDDA coordinates strategic initiatives and projects across the Greater Manchester city-region and European funded projects, including those supported through the Future Internet enabled services in 'Smart Cities' programme. He is a founder member of the Telecities network set up in 1993, now the Eurocities Knowledge Society Forum (KSF), and the first President of Telecities (1994-96), and a founder member of the European Network of Living Labs (ENoLL). He is currently Chair of the EU Connected Smart Cities Network and Portfolio Working Group, which coordinates the fifteen projects supported under the EU's 2010 Competitiveness and Innovation Programme (CIP) and Co-Chair, with the City of Barcelona, of the Eurocities KSF Smart Cities Working Group. MDDA is also currently involved in projects supported through the EU's Seventh Framework Programme (FP7) and the Interregional programme.



Ms. Natalya OLIINYK

Director
Reformation Strategy and Communal Services Development,
Ministry of Regional Development, Construction and Municipal Development,
Ukraine



Mr. David GIGINEISHVILI

Head of Spatial Planning and Construction Policy Department
Ministry of Economy and Sustainable Development, Georgia

David Gigineishvili, Head of Spatial Planning and Policy Department of the Ministry of Economy and Sustainable Development of Georgia, is responsible for implementing, coordinating, managing and monitoring the policy in the field of spatial planning and construction activities in Georgia. These activities involve defining short, medium and long-term strategies of internal territorial development and spatial planning. David was born in Kyiv, Ukraine and now lives in Tbilisi, Georgia. He is MSc graduate of Engineering from the Faculty of Civil and Industrial Engineering of the Georgian Technical University.



Ms. Alena RAKAVA

Deputy Head of Regional Planning and Urban Planning Department
Ministry of Architecture and Construction, Belarus

Alena graduated Belarusian State University, in Geography and worked at "IRUP Institute" in the department of recreation systems. Since October 1994 she has been working at the Ministry of Architecture and Construction of the Republic of Belarus. In 1999 she graduated the Academy of Management under the President of the Republic of Belarus and specialized in "business administration." In the period 2003-2012 she worked as Deputy Chief of Regional Planning and Urban Development Department in the field of the development of instruments to improving the state of urban policy, territorial development of settlements and regions of the country, the development and implementation of international cooperation in the field of urban planning. Alena was developer Town Planning Charter CIS countries, Coordinator of national reports on the development of settlements in the Republic of Belarus to the two international UN-HABITAT conferences in 2001 and in 2006, the local coordinator of the preparation of the Country Housing Profile in cooperation with UNECE. Now she works at the Foreign Economic Relations Department and coordinating cooperation with foreign partners in the field of construction, urban planning, design and housing.



Ms. Svetlana RISTIĆ

Head of Housing Department
Ministry of Construction and Urbanism, Serbia

Born in 1960, Nova Gradiška, Croatia; lives in Belgrade, Serbia; graduated from the Architecture Faculty, University of Belgrade; since 1989 has worked at the SFRY, FRY and Serbian administration, in the field of environmental (national environmental reviews, sustainable development indicators, environmental legislation) and housing affairs (preparation of strategic document, housing legislation, etc); actively involved in housing reform in Serbia; has participated in international cooperation in the area of environmental and housing issues; has created expert papers in relate to sustainable development, housing policy, cultural heritage; actually, she is Head of the Department for Housing and Architectural Policy in the Ministry of Construction and Urbanism of the Republic of Serbia.



Mr. Martinus VRANKEN

Project Manager Energy and Climate
Kadaster, The Netherlands

Martinus Vranken holds an MSc degree in Physical Geography. He has a long background as a consultant on sustainability issues and information management. After working for several consultancies and the Office of Energy Regulation, he now is project manager at Kadaster. He focuses on the use of cadastral data and other national databases in sustainability studies.

Session 3



Mr. Didier VANCUTSEM

Chairman
The International Society of City and Regional Planners (ISOCARP)

Didier Vancutsem is Secretary General of ISOCARP, the International Society of City and Regional Planners and international consultant in Urban and Regional Planning, Landscape Planning, Infrastructure and Environmental Management with 25 years research and planning experience. Born in Belgium, he is based in Munich and has degrees in City and Regional Planning, Landscape Architecture and Regional management. He is professor and lecturer at the Brussels University Faculty of Architecture (ULB), Universities of Munich, Lille and at the Higher Institute of Town Planning Brussels. He has gained professional experience worldwide, e.g. as expert for the EU Commission, in the elaboration of national strategies for urban development (German Federal Ministry, Russia), in regional strategies (France, Netherlands, UK, Switzerland, Germany, Belgium) and abroad (Africa, Russia, Asia), and on the local level as well. He is involved in different European and international research projects (FP7, INSPIRE).



Mr. Christopher BARLOW

Director Strategic Relations and Communications
Thomson Reuters, USA

Christopher Barlow is the Director of Strategic Relations & Communications for Thomson Reuters. He works to promote land administration and property tax solutions for governments worldwide. His work includes partnering with governments, multilateral organizations, industry institutions and media outlets to better communicate the value of improved governance through securing land tenure and enhancing government revenue generation capabilities. Christopher worked in the Asia Pacific region for more than eight years, including in China, Korea, Singapore, Thailand, Vietnam and Mongolia on land information systems and mapping projects. He currently works out of Thomson Reuters Washington, D.C. offices. He received his M.B.A. and also M.A. in geography from the State University of New York (SUNY) in Buffalo.



Mr. Doug HURDELBRINK

IT Director for Software Development and Application Support
City of Chicago's Department of Innovation and Technology, USA

Doug Hurdelbrink is the IT Director for Software Development in the City of Chicago's Department of Innovation and Technology. He is responsible for a portfolio of 150 websites, applications and web services that help the city's 30 Departments address the needs of their constituents and fulfill their organizational missions. They include online transaction systems, information portals, web publishing tools and web services that integrate COTS (Commercial Off The Shelf) systems with core Enterprise systems. He has previously held senior management positions with industry leaders in the telecommunications and financial services industries.



Mr. Mahmoud EL BURAI

Managing Director
Dubai Real Estate Institute, UAE

Mahmoud is currently the Vice President of International real estate federation, FIABCI , UK, since Jan 2011 and sits on the board of Association of Real estate License Law officials(ARELLO), International Real estate Society (IRES) and Middle East North Africa Real estate Society (MENARES). Mahmoud has been selected to be FIABCI representative at the United Nations Economic Commission for West Asia(UNESCWA).Mahmoud is also a member in UNGC/RICS steering committee mandated to apply Global Compact Principles in the real estate industry Prior to his position in Dubai Real estate Institute, Mahmoud worked for 3 years as Senior Director of Real estate Sector development at Real estate Regulatory Authority of Dubai and few years as a Development Associate Manager at Dubai holding. Mahmoud completed his bachelor's degree in engineering at the American University before continuing on to earn his Master's in Real Estate from National University of Singapore. Mahmoud completed his MBA in Finance from his alma mater, American University of Dubai in 2010.



Dr. Andrew TRIGG

Head and Chief Geographic Information Officer
Land Registry's Data Programme, UK

Dr. Andrew Trigg is the Head of Land Registry's Data Programme and their Chief Geographic Information Officer. He is a past Chairman of the Association for Geographic Information and member of the UK Location Council. He is a member of the steering group for the Public Sector Mapping Agreement. His career has been spent entirely within the fields of surveying, GIS and data, including time as Head of Product Management and Consultancy at Ordnance Survey GB and similar roles within the public, private and academic sector.



Dr. Andrew HUDSON-SMITH

Director and Deputy Chair
Bartlett Centre for Advanced Spatial Analysis (CASA)
University College London, UK

Andy is a Reader in Digital Urban Systems and Editor-in-Chief of Future Internet Journal, he is also an elected Fellow of the Royal Society of Arts, a member of the Greater London Authority Smart London Board and Course Founder of the MRes in Advanced Spatial Analysis and Visualisation at University College London, MSc in Smart Cities and Urban Analytics and the MRes in Smart Cities.



Ms. Jill Urban Karr

Executive Director - Consulting Services/landfolio® Solutions
Trimble Navigation, Ltd., USA

At Trimble, Jill is a part of the Land Administration Solutions Group. She is working with entities around the world to establish comprehensive, sustainable and effective land tenure solutions which leverage technology, international best practices and local requirements for the furtherance of secure land rights, transparent land transactions and reliable information systems. She began her career in the development and implementation of GIS and geospatial solutions in the public sector and is a senior manager with over 17-years of experience in land registration, cadastre and real estate market modernization in both the public and private business sectors. Jill has pursued and implemented multi-participant e-Government and land tenure/land administration projects for both the public and private sectors throughout the world, including: Costa Rica, Romania, Egypt, Madagascar, Benin, Burkina Faso, Bulgaria, Croatia, Jordan, United Arab Emirates, Belize, Bermuda, Saudi Arabia, Sri Lanka, Turkey and many others. She is currently working with the University of Melbourne (Australia) in the practical application of the Land Administration Domain Model (LADM) into the solution architecture of land registration and cadastre management.

Jill graduated in 1986 with a Degree in Geography from the College of Geosciences. Additionally, she has participated in graduate studies in international business at the University of Texas at Dallas. She is currently the Chairman of the Texas A&M University's Department of Geosciences Advisory Board, and a member of the San Antonio College GIS Curriculum Advisory Board.

Session 4



Mr. Konstantinos ALEXOPOULOS

Secretary

Rail and Transport Trends and Economics

UN Economic Commission for Europe, Switzerland

Is the Secretary of the UNECE Working Parties for Rail (SC.2) and Transport Trends and Economics (WP.5). He worked as an International Intermodal Transport and Logistics Expert for several International organizations and IFIs and held top level management positions in various transport and logistics companies. He is the author of the Freight Transport and Logistics Master Plan of Greece.



Ms. Brinda WACHS

Environmental Affairs Officer in the Operational Activities and Review Section

Environment Division

UN Economic Commission For Europe, Switzerland

Brinda WACHS is an Environmental Affairs Officer at UNECE and the Programme Manager for the Transport, Health and Environment Pan-European Programme (THE PEP) since 2007. Before that she was with the UNECE's Convention on Long-range Transboundary Air Pollution and the UNECE's Focal Point for Peacebuilding. She has a BA from the University of California at Berkeley in Political Science and an MA from Columbia University in International Economics. She is currently working on a post-graduate diploma at the Carl Jung Institute of Analytical Psychology in Zurich.



Mr. Ülo SÄRE

CEO

Reach-U, Estonia

Mr. Ülo Säre was born on 13th June 1974 in Tartu, Estonia. Ülo obtained his BSc in Tartu University where he studied mathematics and economics and started his first IT project at age of 17. During last 20 years he established couple of IT companies and was member of Estonian Association of Information Technology and Telecommunications. Since 2013 he is working as the CEO of technology company Reach-U, which is biggest European Location Based Solutions provider. Reach-U core competence is in mobile positioning from the Mobile Operators core network and experience of building solutions for National Security, Public Safety, Civil Warning and Transportation. Reach-U is also active member and one of establishers of Tartu Smart City Lab - the cluster of smart e- and m-city solutions is designed to create an innovative environment in Tartu by bringing together businesses, citizens, public authorities, R&D institutes and structures that support innovation.



Mr. Iemke IDSINGH

Public Sector Solutions Director
Education and Healthcare Industry Business Unit
Oracle, The Netherlands

Acting as a Public Sector Solutions Director for the Oracle Government, Education and Healthcare Industry Business Unit, Mr. Iemke Idsingh (1963) carries the worldwide responsibility for the Oracle Smart City Platform Industry Solution. Mr. Idsingh takes ownership in developing and leading strategic, functional and technical business development activities – covering the full range of Oracle solutions for Public Sector organizations. As part of his role he builds key relationships with strategic partners and large customers to ensure the growth in Oracle's share of these markets. Representing over 25 years of experience in both Oracle and Siebel, of which over 20 years in Public Sector, Mr. Idsingh advised customers, partners and colleagues on the potential role of Oracle Technology and Applications solutions. Mr. Idsingh played a pivotal role in the development of the market for Case Management in Europe. His Public Sector domain knowledge as well as his strong architectural and Oracle solutions expertise supports Oracle to modernize even more government agencies. Mr. Idsingh holds a Bachelor of Computer Science degree from HTS Amsterdam.



Mr. Nick LAND

Business Development Manager
Esri Europe, UK

Nick is a senior manager at Esri with over 20 years of experience working in the field of survey, mapping, cadastre, land registration, GIS, LIS and SDIs. Before joining Esri, Nick was Executive Director of EuroGeographics the European Association representing National Mapping, Cadastre and Land Registry Authorities. Prior to this he was a Director at Ordnance Survey Great Britains national mapping agency. In his current role at Esri, Nicks main focus is on maximising the value of GIS in support of national mapping, cadastre and SDIs, including INSPIRE implementation. Nick has a university degree in geography and he is an (RICS) qualified land surveyor. He has also completed a doctorate (PhD) in GIS/LIS.

Session 5



Mr. Abilash PANDA

Senior Programme Officer
UN Office for Disaster Risk Reduction, Switzerland

Abhilash Panda coordinates the Making Cities Resilient programme of the UN Office for Disaster Risk Reduction (UNISDR).

Before moving to this function in Geneva in July 2012, he worked as the Regional Programme Officer for Asia and the Pacific covering East and South East Asian countries.

He previously worked for the United Nations Development Programme (UNDP) in Iran and India, with the Crisis Prevention and Recovery team where he focussed on the national risk management strategies and post 2005 Tsunami recovery.

His published work includes edited books, UN reports, journal articles and RBMS software. He has contributed to the Global Assessment Report of the UN and the 2012 Asia Pacific Disaster Report 2012".



Mr. Iain LANGLANDS

GIS Manager
Land and Environmental Services
Glasgow City Council, Scotland

Iain Langlands has over 30 years of experience in land surveying, Geomatics and asset management. His work in the GIS and Asset Management business of Scotland's largest Local Authority affords Iain many opportunities to contribute to industry-leading initiatives. Iain is a passionate promoter of corporate and partnership working: his current employer being an ideal vehicle for this through e.g. Future Cities Glasgow, Commonwealth Games 2014. Iain previously has served several terms as Chair to the RICS Scotland Geomatics Professional Group and was a significant RICS contributor to Scottish Parliament consultations. Iain has served as an RICS Appointed External Examiner to the University of Glasgow and is a long-time supporter of education and training in the Geomatics sector.



Dr. Nikolai BOBYLEV

Associate Professor, School of Geography and the Environment, Saint Petersburg State University, Russia;
Marie Curie Research Fellow, University of Birmingham, UK;
Lead Scientist, Saint Petersburg Research Centre for Ecological Safety of the Russian Academy of Sciences, Russia.

Dr. Bobylev is an environmental scientist working on urban infrastructure, environmental assessment, and multiple criteria decision analysis. Dr. Bobylev has published more than 30 research papers on environmental and urban development issues. Dr. Bobylev has graduated with distinction from and defended a PhD at the St. Petersburg State Polytechnic University, St. Petersburg, Russia. Over the years of research career Dr. Bobylev has been working at the Hamburg University of Technology, United Nations University, University of Tokyo, Ruhr University Bochum, Technical University of Lisbon, University of East Anglia, and Technical University of Berlin. Dr. Bobylev has received several prestigious research awards, major of them are fellowships of the Japan Society for the Promotion of Science, Alexander von Humboldt Foundation, and Marie Curie of the European Community. Dr. Bobylev has been contributing to programme activities under NATO Science, World Bank Urban Research, United Nations Agencies (UNECE, UNHabitat, UNEP).



Mr. Manuel GARCIA ALVAREZ

Researcher

ITC, University of Twente, The Netherlands

Manuel Garcia obtained a bachelor degree, with honors, in agriculture science from the National University of Guatemala (USAC). His interest in information systems and spatial analysis took him to become a lecturer in the major of Land Administration in USAC. He was involved in projects related with GIS for water management and land cover/use mapping. In 2013, he graduated with honors from ITC Faculty, University of Twente in the field of Geoinformatics. Currently, he is pursuing a PhD degree at the same faculty. His research focuses on development of a system component in the geoservice chain to facilitate sensor data integration at big scale.