



**Second High Level Forum on
Global Geospatial Information Management (GGIM)
Exchange Forum with the Geospatial Industry
Doha, Qatar, 3 February 2013**

Biographies of chairs and speakers

Time (hrs)	Agenda
08:00 hrs	Registration
08:30	Ayako Kagawa, on behalf of Kyoung-Soo Eom, Chief Cartographic Section and Officer-in-Charge, Strategic Support Service, Department of Field Support, United Nations
	Mohammed Abd-Elwahab, The Centre for GIS (CGIS), Qatar
	William Cartwright, Chair, JBGIS

The Cartographic Section supports the cartographic and geographic needs of the Security Council and the UN Secretariat, oversees global GIS programmes at UN Headquarters and in the field, and provides a wide array of geospatial services. Mr. Kyoung-Soo Eom was appointed as Chief of UN Cartographic Section in 2005 and has 30 years of technical and management experience in the public and private sectors as well as military service.

The role of the Centre for GIS (CGIS), State of Qatar is to implement GIS in Qatar in an organized and systematic fashion and impartially serve the GIS requirements of different government and private sectors. The CGIS implements a high resolution Digital and up to date Topographic Database which provides a consistent framework for a wide range of GIS users and their applications. Currently over 60 government agencies in Qatar are using GIS in their day to day activities. Their databases are compatible, integrated and 24/7 online sharable through a high speed National GISNet. Many GIS applications have been developed and are at use benefiting government workers, private businesses and citizens alike. Dr. Mohamed Hamouda is carrying nearly 27 years' experience in the Survey, Mapping and GIS fields. During the last 16 years at The CGIS, He has been a member of the team that witnessed the evolving implementation of the nation-wide GIS since its beginnings in the early nineties. During this period, he has participated in and supervised many GIS projects within CGIS or among other member GIS agencies. Before joining CGIS, he worked at the Survey Research Institute of the National Water Research Center of Egypt for 9 years. During that period, he has participated in and supervised many GIS and surveying projects. He is carrying a PhD, in 2009 from Shoubra Faculty of Engineering, Egypt in LIS/GIS; M.Sc., Sept. 1992, from the Ohio State University, Columbus, OH, USA in LIS/GIS and B.Sc. of Survey Engineering, 1985, Zagazig University, Egypt.



Session 1 - Focus issue: Determining place

09:00 – 09:05	Overview (chair) Gilles Bessero, IHO
09:05 – 09:20	Keynote speaker: Stefano Ghielmetti, Trimble
09:20 – 09:30	Zuheir Altamimi, IAG
09:30 – 09:40	Industry /research presenter: Khaled El Nabbout, FARO Europe GmbH&Co.KG
09:40 – 09:50	Government presenter: Javid Abdullayev, State Committee of Land and Cartography, Azerbaijan
09:50 – 10:05	Q & A and Discussions
10:05 – 10:20	Summary by rapporteur (chair) Gilles Bessero, IHO
10:30 – 10:50	Tea Break

Mr. Gilles Bessero, is Director at the International Hydrographic Organization (IHO), the intergovernmental organization in charge of coordinating and promoting the provision of worldwide hydrographic information and services to support the safety of navigation and the protection of the marine environment. He oversees the IHO technical programme which deals mainly with the development of international standards for hydrographic information, products and services. Gilles Bessero graduated from Ecole Polytechnique, Paris, France, and completed post-graduate studies in hydrography and oceanography at Ecole Nationale Supérieure de Techniques Avancées, Paris. He has almost 30 years of experience in conducting hydro-oceanographic activities and was the French National Hydrographer from 2005 to 2010. He also held senior positions at the French Defense Procurement Administration.

Mr. Stefano Ghielmetti, is Director of Institutional Business Development at Trimble Navigation Limited. He is managing emerging market expansion in the CIS, Africa, Asia and South America with a small team that operates directly in these regions. His team pursues projects funded by Multilateral Development Banks in support of Land Administration, Agriculture, Infrastructure and related fields, primarily in developing nations, worldwide. Stefano completed his undergraduate studies in Geomatics at the Basel University of Applied Sciences, Switzerland and received his Master degree from George Washington University in Information Systems Management. He has 30 years of experience working in the geospatial industry.

Mr. Zuheir Altamimi is a Research Director, head of a research group at the Institut National de l'Information Géographique et Forestière (IGN), France. His principal research focuses are space geodesy, theory and realization of terrestrial reference systems. He is member of the Directing Board the International Earth Rotation and Reference Systems Service (IERS) and of the Governing Board of the International GNSS Service (IGS). He served as President of Commission 1 of the International



Association of Geodesy (IAG), 2007-2011. He is head and principle scientist of the International Terrestrial Reference System (ITRS) Center of the IERS, hosted by IGN, France. He received his Ph.D. in space geodesy from Paris Observatory, and his habilitation (2nd doctorate) from Paris University VI.

Mr. Khaled El Nabbout, FARO GmbH&Co.KG has a Phd in Geo-Sciences from the Dresden University of Technology, Germany but also studied at ITC in The Netherlands. He is a member of EARSeL and FIG member. He is also Chair of the Geomatic department at the European Arabic Engineers Union, Technical Director and Public relation responsible of the Arabic Union of Surveyors and a Business Development Manager at FARO.

Mr. Javid Abdullayev was born in 1973 in Baku, Azerbaijan. He was recruited as the Head of IT department of the State Land and Cartographic Committee of the Republic of Azerbaijan in 2012. J. Abdullayev has a PhD in Mathematics and Physics, and is Assistant Professor at the Baku State University. He is the representative of Azerbaijan at the UN-GGIM Expert Committee, executive secretary of the Technical Committee on "Soil estimation and geographic information/Geomatics" in Azerbaijan and Liaison representative of ISO/TC211 to United Nations Geographical Information Working Group.



Session 2 - Focus issue: Locating place

11:00 – 11:05	Overview (chair) William Cartwright, JBGIS
11:05 – 11:20	Keynote speaker: Steve Ramage, Ordnance Survey International
11:20 – 11:30	Orhan Altan, ISPRS
11:30 – 11:40	Industry /research presenter: Yuji Mesaki, PASCO Corporation
11:40 – 11:50	Government presenter: Chris Steenmans, European Environment Agency
11:50 – 12:05	Q & A and Discussions
12:05 – 12:20	Summary by rapporteur (chair) William Cartwright, JBGIS
12:30 – 13:30	Lunch Break

Mr. Steven Ramage is the Head of Ordnance Survey International, part of the Ordnance Survey Group that offers technology and vendor-independent government to government advisory services. Steven works with governments around the world providing advice on knowledge transfer, capacity building and national economic growth underpinned by authoritative mapping. Prior to joining Ordnance Survey International, Steven was Executive Director Marketing and Communications at the Open Geospatial Consortium (OGC) with global responsibility for communicating the value of open standards. He has held management positions at a variety of organisations in the geospatial industry, including Oceonics (now part of Fugro), Navteq (now part of Nokia) and 1Spatial. His international industry experience includes working with local and central government, defence, national mapping authorities and commercial organisations.

Mr. Orhan Altan is Professor at the Istanbul Technical University, Turkey. He is member of several national and international societies among others corresponding member of the Bavarian Academy of Sciences, Corresponding Academy Member of the International Academy of Astronautics and in September 2011 and he is elected to the Executive Board of the ICSU (International Council for Science). He was awarded in 1978 with “Alexander von Humboldt Foundation Research Grant” and worked at that year onwards one and half year at the Stuttgart University. He is member of the UN expert group of the ad-hoc Committee of the UN Entity, SPIDER (Space-based Information for Disaster Management and Emergence Response) and chair of the JB GIS ad hoc Committee on Risk and Disaster Management. He worked as “Guest Professor” in Stuttgart, Berlin, Munich Technical Universities (Germany) and ETH-Zurich (Switzerland). In the ISPRS Congress in Amsterdam he was elected as the Congress Director of the ISPRS Congress in 2004 in Istanbul. At the Congress in July 2004 he was elected as the Secretary General of ISPRS for the period 2004-2008. In the last ISPRS Congress in Beijing he is elected as the President of ISPRS for the period 2008-2012. At the Melbourne Congress he is elected as the 1st Vice-President of ISPRS.



Mr. Yuji Mesaki is the President and CEO of PASCO CORPORATION, a Japan-based company, provides aerial photogrammetric, survey and GIS services in Japan backed by years of experiences and advanced technologies since 1953 and dominates the national mapping industry. After completing MS (Science and Engineering), from the Tokyo Institute of Technology, in March 1989, Mr. Mesaki joined SECOM Co., Ltd. (a pioneer and leading company in home & business security services in Japan) in March the same year. In 1992, he became a guest researcher at Carnegie Mellon University, USA, and spent about two years and conducted research on the autopilot technology in helicopters. In 2010, he became the managing director of SECOM Joshinetsu Co., Ltd. After heading the SECOM Shizuoka branch since April 2011, he moved on to his current position as CEO of PASCO CORPORATION in June 2012.

Mr. Chris Steenmans is Head of Programme at the European Environment Agency (EEA). He is responsible for the programming and strategic development of the environmental thematic information services and data management. He coordinates the EEA activities related to the Shared Environmental Information System (SEIS), the European Spatial Data Infrastructure (INSPIRE), and the European Earth Monitoring programme (COPERNICUS). He graduated at the Catholic University of Leuven (KUL) in 1981 as MSc Physical Geography and was researcher at the Department of Cartography KUL until 1985. Before joining the EEA in 1997, he worked during 12 years in the private sector for providing remote sensing, data management, GIS and mapping services.



Session 3 - Focus issue: Connecting place

13:30 – 13:35	Overview (chair): Mark Cygan, IMIA
13:35 – 13:50	Keynote speaker: Steve Hagan, Oracle
13:50 – 14:00	Abbas Rajabifard, GSDI
14:00 – 14:10	Industry /research presenter: Andrew Coote, Consulting Where
14:10 – 14:20	Intergovernmental presenter: Juraj Riecan, ESCWA
14:20 – 14:35	Q & A and Discussion
14:35 – 14:50	Summary by rapporteur (chair): Mark Cygan, IMIA
15:00 – 15:30	Tea Break

Mr. Mark Cygan is Esri's Map, Chart, Data Production and Spatial Data Infrastructure Industry Manager. Mark has over 29 years of experience working in GIS and mapping. Prior to Esri, Mark was on the management teams at NAVTEQ and Rand McNally & Co. Mark is actively participating on the United Nations Committee of Experts on Global Geospatial Information Management (UN GGIM), is a member of the Joint Board of Geospatial Information Societies (JB GIS), and is on the board of directors of the International Map Industry Association (IMIA) Americas.

Mr. Steven Hagan is Vice President of Development in Database Technologies in Oracle Corporation, since 1994, based in Nashua, NH. Mr. Hagan is responsible for the Oracle areas of: Spatial & GeoSpatial, Semantics, Graphs, Imaging & Medical Imaging, Big Data areas of Hadoop and Connector Technologies. His special concentration is targeted at both very large databases, and real-time databases, using Oracle Partitioning and clusters to support spatial databases with billions of rows and many terabytes, and petabytes. New areas include Spatial Intelligence and Analytics, as well as Cloud hosting of Spatial Data. Mr. Hagan has an M.S. in Computer Science from University of Southern California, and a B.S. In Aero-Space Engineering from Penn State University. He has over 40 years of experience in the Database industry.

Mr. Abbas Rajabifard is Head of the Department of Infrastructure Engineering and Director of the Centre for Spatial Data Infrastructures and Land Administration, both at the University of Melbourne. He is immediate Past-President of Global Spatial Data Infrastructure (GSDI) Association and is an Executive Board member of this Association and was Vice Chair, Spatially Enabled Government Working Group of the UN supported Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP). Prof Rajabifard has spent his career researching, developing, applying and teaching spatial information management and strategies and also SDIs to deliver benefits to both governments and wider society and is acknowledged as a pioneer in the concept of spatial enablement – using location to facilitate decision making. He has authored/co-authored over 240 publications including 7 books. He has been also consulted widely on spatial data management, SDI, land administration and spatial enablement, to many



national government agencies and ministries. Through his academic and professional activities, he promotes the surveying and spatial science professions driven in his belief that these professions play an integral role in delivering the vision of a sustainable future.

Mr. Andrew Coote has over thirty years' experience in the development and use of information systems, specialising in the management of location-enabled applications. He has held senior management positions in both the public and private sector working in various countries. Since founding the independent IT consultancy ConsultingWhere in 2008, he has undertaken strategic and business consultancy assignments in Europe, the United States, the Middle East, Russia, Australia and New Zealand. Mr. Coote will discuss the key technical advances that are enhancing our ability to engage decision makers and break down institutional barriers to data sharing. Taking the cloud, simple to use visualisation tools and rich data sources as themes, the presentation will look at innovative ideas for applying geospatial to some of the biggest global issues.

Mr. Juraj Riecan is the Director of the Statistics Division at the United Nations Economic and Social Commission for Western Asia. In this position he leads regional efforts on statistical capacity development, coordination of statistical activities and collection and dissemination of statistics. He has over 20 years of experience in international statistics in Europe, North America, Central Asia and the Middle East. He specialised in statistical infrastructure and methodologies, but also in practical statistical production and research on mathematical models and regression analysis. He holds a PhD in Mathematical Statistics.



Session 4 - Focus issue: Delivering [geoinformation about] place

15:30 – 15:35	Overview (chair): Yoshikazu Fukushima, ISCGM
15:35 – 15:50	Keynote speaker: Lawrie Jordan, esri
15:50 – 16:00	Georg Gartner, ICA
16:00 – 16:10	Industry /research presenter: Mark Sorensen, GPC Global Information Solutions
16:10 – 16:20	Industry /research presenter: James O’ Brien, Risk Frontiers
16:20 – 16:35	Q & A and Discussion
16:35 – 16:50	Summary by rapporteur (chair): Yoshikazu Fukushima, ISCGM

Mr. Yoshikazu Fukushima has been the Director-General of Geocartographic Department of Geospatial Information Authority of Japan (GSI) and the Secretary General of the International Steering Committee for Global Mapping (ISCGM) since 2007. Mr. Fukushima entered the Ministry of Construction (present Ministry of Land, Infrastructure, Transport and Tourism-MLIT) in 1981. Since then, he has been working for the GSI except for several years' secondment to other government ministry.

Mr. Lawrie Jordan is Director of Imagery for Esri, as well as Special Assistant to Jack Dangermond, President of Esri. In this capacity, he serves as an advocate for successful applications of all forms of imagery within the GIS enterprise, including environmental, civil, defense and intelligence community solutions. Mr. Jordan has over 30 years of experience as a leader in the field of image processing and remote sensing, including a long standing strategic partnership with Esri. He has been an advisor to numerous government organizations on current and future trends involving imagery and satellite programs. His background education is in Landscape Architecture, with degrees from The University of Georgia and Harvard University.

Mr. Georg Gartner is a Full Professor for Cartography at the Vienna University of Technology. He holds graduate qualifications in Geography and Cartography from the University of Vienna and received his Ph.D. and his Habilitation from the Vienna University of Technology. He was awarded a Fulbright grant to the University of Nebraska at Omaha in 1997 and a research visiting fellowship to the Royal Melbourne Institute of Technology in 2000, to South China Normal University in 2006 and to the University of Nottingham in 2009. He is Dean for Academic Affairs for Geodesy and Geoinformation at Vienna University of Technology. He is responsible organizer of the International Symposia on Location Based Services & TeleCartography and Editor of the Book Series “Lecture Notes on Geoinformation and Cartography” by Springer and Editor of the Journal on LBS by Taylor & Francis. He serves as President of the International Cartographic Association.



Mr. Sorensen is the founder, President and CEO of Geographic Planning Collaborative, Inc. (GPC), a full service consulting consortium. Mark has over 30 years of experience in the application of GIS and related technology to urban and regional planning and resource science, policy, and management, in the United States and abroad. Having served as the Project Manager for over 220 GIS projects in 65 countries, Mr. Sorensen has directed GIS work covering a diverse range of topics and client types. Mark is also a founding partner in two sister companies, GPC Global Information Systems llc (GPC-GIS) based in Abu Dhabi, United Arab Emirates, and the Geospatial Consultancy Services llc (GCS) based in Kabul, Afghanistan. He is also CEO of the Earth Council Alliance, a private non-profit organization based in Washington D.C.. GPC Group Website: <http://www.thegpcgroup.com/>

Mr. James O'Brien is a Risk Scientist with Risk Frontiers, a Natural Hazards Research Centre unit based at Macquarie University that provides the insurance industry and government with peril modelling and mapping and financial loss modelling expertise to enable the pricing and understanding of natural hazards risks and catastrophe exposure. His speciality interests are in spatial modelling of hazards and particularly examining the interaction between social and physical vulnerability. He obtained his bachelor's degree in Geographic Information Science at Curtin University before working for 2 years as a computer programmer and database analyst prior to completing a PhD in Geography at The Pennsylvania State University specialising in GIS and Visualization. James has worked in finance, as a post-graduate researcher and spent 5 years at Kingston University in London as a Principal Lecturer in GIS prior to relocating back to Australia in 2011 to join Risk Frontiers. He has 12 years of experience applying GIS and spatial analysis to solving geographical problems in the US, UK and Europe and Australia.