

Friday - 12 February

10:00 - 10:30 Opening by chair Steven Ramage
10:30 - 11:00 Coffee break
11:00 - 12:00 Creation Lab *Drawing up the GIM International Summit Declaration*: discussing, approving and bringing together the statements from the conference workshops into a final statement.
12:00 - 12:30 Handover of the GIM International Summit Declaration
12:30 - 13:00 Closing remarks by chair Steven Ramage and Publishing Director Durk Haarsma
13:00 Saying farewell

GIM

INTERNATIONAL

SUMMIT 2016

Amsterdam

10 - 12 February 2016

(Preliminary)

Programme

Be part of the geomatics innovation!

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Sponsors and partners



Tuesday - 9 February

18:30 - 21:00 Registration

Wednesday - 10 February

9:30 - 10:00 Welcome by Durk Haarsma, Publishing Director GIM International
10:00 - 10:15 Opening by chair Steven Ramage
10:15 - 11:00 Morten Jerven, Associate Professor, Simon Fraser University, Vancouver, Canada - Author of *Africa: Why Economists Get It Wrong*
11:00 - 11:45 Vanessa Watson, Professor of City Planning, University of Cape Town, South Africa - African Centre for Cities
11:45 - 12:15 Coffee break
12:15 - 12:45 Joyeeta Gupta, Professor Law and Policy in Water Resources and Environment, UNESCO-IHE, Delft, The Netherlands
12:45 - 13:15 Geert Bouckaert, Professor, Faculty of Social Sciences, University of Leuven, Belgium - International Institute of Administrative Sciences
13:15 - 14:00 Lunch
14:00 - 15:30 Workshop Session 1 on Food Security and Agriculture, Water, Urban Planning and Social Justice and Technical Tours on site in Amsterdam
15:30 - 16:00 Coffee break
16:00 - 17:30 Workshops Session 2 on Infrastructure for Geo-IT, Urban Planning, Social Justice, Water & Food Security
17:30 - 18:00 Closing session (plenary)
Including speakers' panel
18:00 Canal tour
20:00 Dinner



Food Security and Agriculture

Moderator:

Ir. Frits van der Wal, Senior Policy Advisor – Cluster Food & Nutrition Security
Focal Point Land Governance, Ministry of Foreign Affairs, The Netherlands

Inspirer:

Andy Nelson, Professor in Spatial Agriculture and Food Security
Faculty of Geo-Information Science and Earth Observation (ITC), University of Twente, The Netherlands

Description:

Participants will 'unpack' the global food security challenge. This includes the projected demand to feed 9 billion people by 2050 and to ensure food quality and sustainable food systems. Food security is a multi-dimensional, multi-scaled, societal challenge. Geospatial technologies and information cut across current responses: crop-failure early-warning systems, precision farming and landscape design are just a few examples. However, geospatial possibilities can also pose a threat when used for predatory land acquisition and other malicious activities. This session explores contemporary food security responses and looks ahead to explore what the geospatial sector could and should do.



Urban Planning

Moderator:

Martin Kodde MSc, Manager Geo-IT, Fugro GeoServices B.V, The Netherlands

Inspirer:

Prof. Dr. Ir. Arnold Bregt, Professor of Geo-Information Science, Wageningen University and Amsterdam Institute for Advanced Metropolitan Solutions, The Netherlands

Description:

Today, 54 percent of the world's population live in urban areas and that figure is expected to increase to 66 percent by 2050. According to the United Nations, managing urban areas has become one of the most important challenges of the 21st century. Sustainability and quality of life are among the main challenges for cities around the world and require new solutions based on innovation and cooperation. In this workshop, Arnold Bregt will present how the Amsterdam Institute for Advanced Metropolitan Solutions is creating answers to these challenges, enabled by geoinformation. Participants will contribute to this exploration of the future role of geoinformation for urban planning and help to define gaps in the current state of technology.

Meet the Conference Committee



Durk Haarsma

Publishing Director, Geomares Publishing

Gemma Betsema

Coordinator, LANDac



Kees de Zeeuw

Director, Kadaster International



Martin Kodde

Manager Geo-ICT, Fugro GeoServices



Rohan Bennett

Assistant Professor, ITC, University of Twente



Steven Ramage

Conference chair




Wim van Wegen

Editorial Manager, GIM International

Technical Tours & Sessions

During off-site technical tours in Amsterdam and technical sessions at the Summit venue, sponsors of the GIM International Summit 2016 will demonstrate and present hardware and software solutions to help solve real-world problems related to the Summit's main themes: urban planning, climate change and food security. Delegates are free to choose which technical tours and sessions they wish to attend. Pre-registration is required.

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Thursday - 11 February

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|---------------|--|
| 10:00 - 10:15 | Opening by chair, Steven Ramage |
| 10:15 - 11:00 | Pier Vellinga, Professor of Climate Change, Wageningen University, The Netherlands – <i>Simplification and Visualisation of Data, Crucial for Adaptation to Climate Change</i> |
| 11:00 - 11:45 | Hans Rosling, Professor of International Health, Karolinska Institute, Sweden – Gapminder Foundation |
| 11:45 - 12:15 | Coffee break |
| 12:15 - 12:45 | Daniel Steudler, Scientific Associate, Swiss Federal Office of Topography – <i>Cadastral Dimensions – Beyond 2D</i> |
| 12:45 - 13:15 | Ed Parsons, Geospatial Technologist, Google |
| 13:15 - 14:00 | Lunch |
| 14:00 - 15:30 | Workshop Session 1 on Climate Change, Migration, Property Rights and Infrastructure for Geo-IT and Technical Tours & Sessions on-site and off-site in Amsterdam |
| 15:30 - 16:00 | Coffee break |
| 16:00 - 17:30 | Workshop Session 2 on Climate Change, Migration, Property Rights and Infrastructure for Geo-IT and Technical Tours & Sessions on-site and off-site in Amsterdam |
| 17:30 - 18:00 | Closing session (plenary) |
| Evening | Free time |

Highlighted
workshop

Climate Change

Moderator:

Wim van Wegen, Editorial Manager *GIM International*

Inspirer:

Pierre-Philippe Mathieu, Earth Observation Applications Engineer in the Earth Observation Science & Applications Department of the European Space Agency in ESRIN, Frascati, Italy

Description:

This workshop describes how Earth Observation (EO) data – in particular from satellites – can support climate science, monitoring and services by delivering global, repetitive, consistent and timely information on the state of the environment and its evolution. Some examples will be presented of EO demonstration pilot projects performed in partnership with scientists, industry and development practitioners to support climate science, adaptation, mitigation and disaster risk management.

In particular, the workshop highlights the challenge of gathering observations and generating long-term climate data records which provide the foundation of risk management. The workshop will seek an integrated, science-based approach to climate risk management supported by data and knowledge, providing decision-makers with a unique analytical lens to develop a safety net to risk and maximise opportunities related to climate change and variability.

More workshops to come!

👉 Visit www.gimsummit.com/programme



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Highlighted
workshop

Integration for Geo-IT

Moderator:

Joep Crompvoets, Senior Researcher & Consultant in Spatial Data Infrastructures, Leuven Catholic University, Leuven, Belgium and Secretary-General Euro SDR

Inspirer:

Martin Salzmann, Director of Strategy and Policy with the Cadastre, Land Registry and Mapping Agency of The Netherlands (Kadaster)

Description:

Geoinformation infrastructures have proven to be a key element for efficient and scalable use of geodata by professionals around the world. However, is the infrastructure sufficiently prepared for the future challenges in geoinformation? Both data acquisition and the use of geoinformation are changing. Concepts such as the Internet of Things, Linked Data and voluntary data collection are resulting in a much more diverse range of data inputs. Meanwhile, the typical user base is shifting from professionals to regular users. In this workshop we will review how we should prepare our geoinformation infrastructure for the future.

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