




**GWF** 2022  
 GEOSPATIAL WORLD FORUM  
 10-12 MAY 2022 • AMSTERDAM  
*Conference Report*





## **A GRAND SUCCESS!**

Geospatial World Forum (GWF) 2022 took place from 10-12 MAY 2022 in Taets Art & Event Park, Amsterdam-ZNSTD. The 3-day event was a grand success. Our diverse and dynamic group of speakers and panelists provided in-depth technological insight and actionable and practical geospatial tools of engagement with various sectors and authorities such as National Mapping, Land Administration, EO & New Space, Digital Cities, and Automation & Robotics, etc.

The primary goal of the conference was to bring together global leaders, geospatial professionals, decision-makers, and the user industry from around the world under one roof for an open dialogue.

# NO MEAN FEAT!



**845**

In-Person Delegates



**465**

Organizations



**31**

Exhibitors



**76**

Countries



**250**

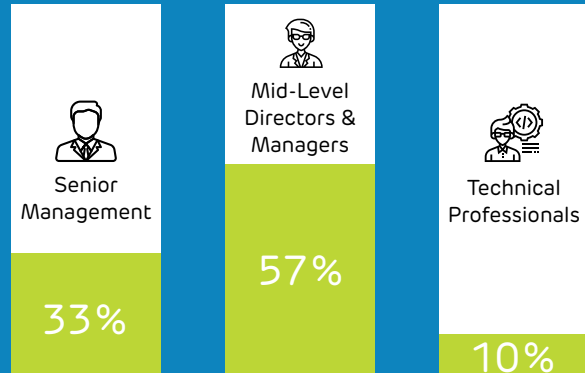
Speakers

# DELEGATES' PROFILE

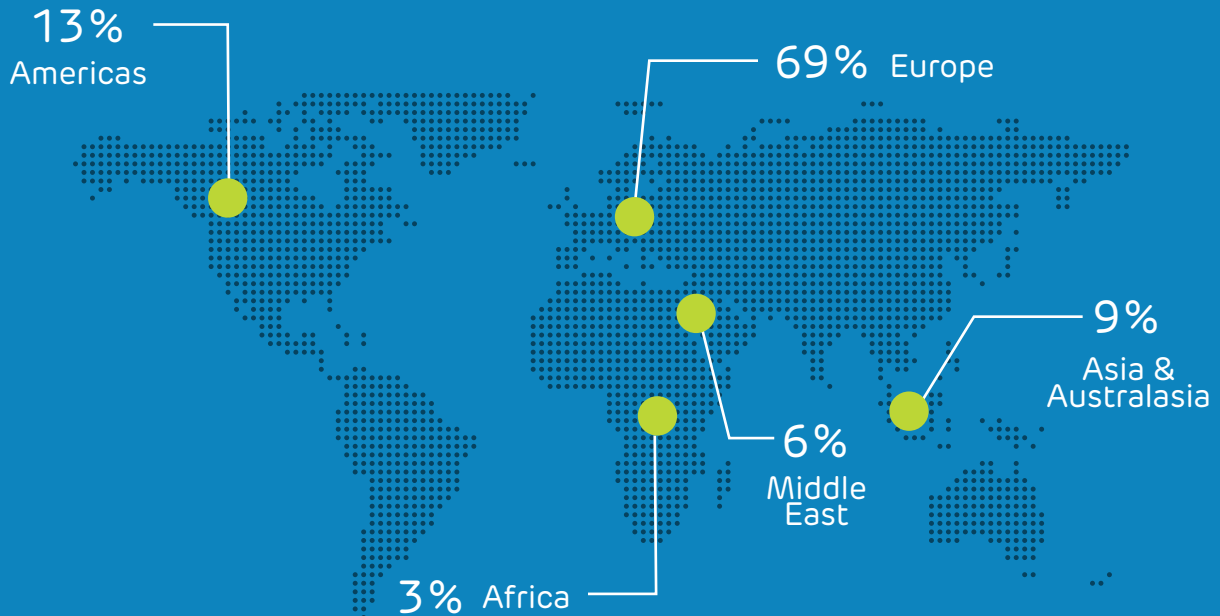
By Profile



By Job Title



By Geography

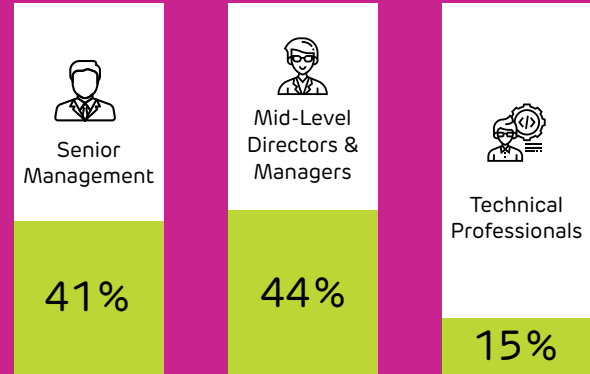


# SPEAKERS' PROFILE

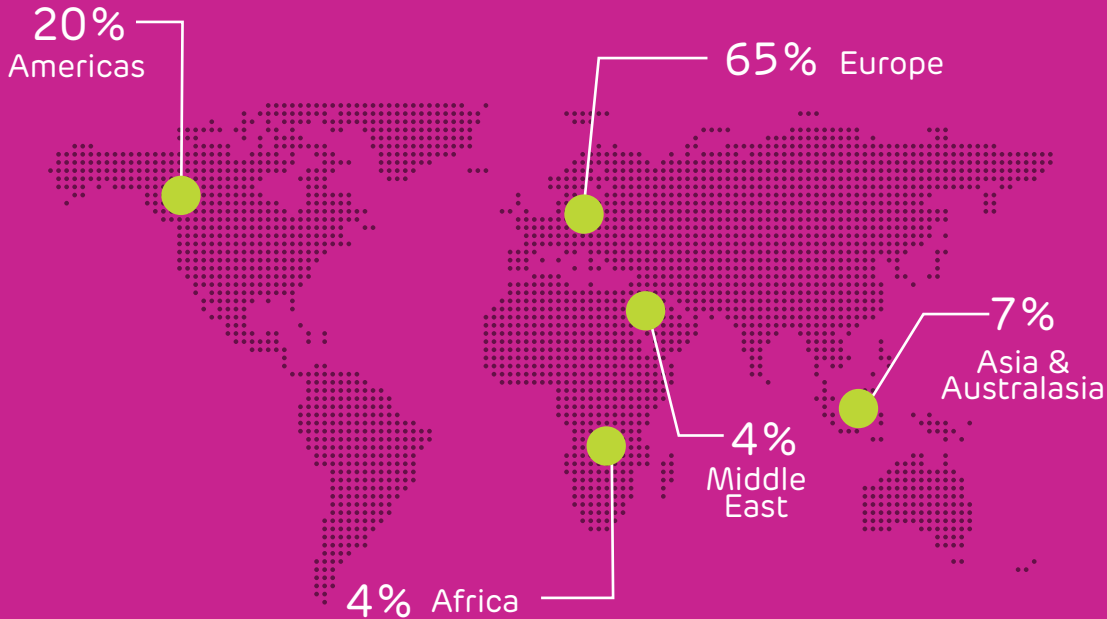
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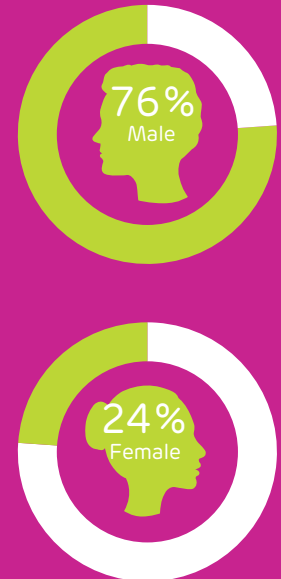
By Job Title



By Geography



By Gender



# MESSAGE FROM THE PRIME MINISTER OF INDIA



सत्यमेव जयते

प्रधान मंत्री  
Prime Minister  
MESSAGE

It is heart-warming to learn about the Geospatial World Forum organised by Geospatial World and its partners at Amsterdam. The completion of 25 years of existence of Geospatial World enhances the pride and joy of the occasion.

Our tradition and socio-cultural ethos have always strived for the larger benefit of humanity. Over a period of several centuries, assiduous Indian scholars contributed significantly to evolution of various fields.

In today's technology-driven age, geospatial knowledge plays a crucial role towards socio-economic development. It is imperative for nations and societies to invest in making geospatial knowledge infrastructure vibrant.

In the last 8 years, our Government has undertaken wide-ranging measures to deepen the reach of geospatial services for all-round development. We have liberalised policies related to geospatial data to bring a positive transformation in lives of common man with the help of technology and facilitate the development of Indian geospatial innovations to empower small businesses.

India's geospatial efforts emphasize on unlocking immense opportunities for Start-ups and entrepreneurs by promoting research in creation of digital public goods. It will open new avenues for location-based services and create huge employment opportunities for our youth.

We aim to make the best use of modern geospatial data technologies not only for India, but for the entire world. In this context, the theme of Geospatial World Forum - "Geography and humanity" is in line with India's efforts for global good.

Heartiest congratulations and best wishes to Geospatial World on its 25<sup>th</sup> anniversary. May the deliberations at the Forum 2022 be highly successful.

(Narendra Modi)

New Delhi  
वैशाख 18, शक संवत् 1944  
08<sup>th</sup> May, 2022

# AGENDA

## PLENARY SESSIONS

Opening (Ministerial) Plenary	<b>Plenary 2:</b> Positioning, Navigation and Timing (PNT) & World Economy	Roger Tomlinson Memorial Lecture	<b>Plenary 3:</b> Digital Twins and Digital Cities	Conversation on Tactile Map
<b>Plenary 4:</b> Geospatial Knowledge Infrastructure (GKI): Advancing Sustainability through Collaborative Workflow	<b>Plenary 5:</b> Space Infrastructure and Its Value Chain	<b>Plenary 6:</b> Innovation to Impact	<b>Plenary 7:</b> Rising Stars: Reimagining Geospatial Frontier	Guest Addresses

## MAIN PROGRAMS

- ▶ **National Mapping**  
Co-Organizer: UNGGIM-PSN  
Partners: Trimble, Woolpert  
Geostatistics Session Partner: geocensos
- ▶ **Land Administration**  
Partner: Esri
- ▶ **Digital Cities**  
Track Sponsor: Tech Mahindra  
Session Partner: Waternet
- ▶ **Location Analytics & Business Intelligence**  
Track Sponsor: Nextnav
- ▶ **Integrated Earth Observation & New Space Revolution**  
Partners: isprs, Secure World Foundation
- ▶ **Digital Agriculture**
- ▶ **Public Health**
- ▶ **Water Resources**

## TECHNOLOGY SESSIONS

- ▶ **AI, Automation & Robotics**
- ▶ **HD Mapping**
- ▶ **SAR & UAV**
- ▶ **Product Demos**

## PARTNERS PROGRAMS

- ▶ **Geospatial Green Deal & Digital Earth Alliance**  
Hosted By: EUROGI
- ▶ **Diversity, Equity & Inclusion**  
Hosted By: WGIC
- ▶ **Future Geospatial People – Their knowledge, skills and attitudes**  
Hosted By: WGIC
- ▶ **Geo4IR Capacity Development Program**
- ▶ **Dutch Innovations for Geography & Humanity**  
Hosted By: ruimteschepper
- ▶ **Determining the Future Geospatial Information Ecosystem**  
Hosted By: UNGGIM
- ▶ **Climate Change and Innovative Geospatial & Space-based Solutions Roundtable**  
Hosted By: EUSPA, WGIC
- ▶ **Roundtable on Public Private Partnership**  
Organized By: UNGGIM-Europe, Geospatial World  
Co-Host: UNGGIM-PSN

## ROUNDTABLES

- ▶ **Geospatial Knowledge Infrastructure Roundtables: Evolution of User Demand and Co-creation of Fit-for-purpose Geospatial Knowledge**
  - Land Administration
  - Cities
  - Agriculture
- ▶ **Breakfast Roundtables**
  - Open Data
  - Ethics and Governance

## TRAINING PROGRAMS

- ▶ **Geospatial Standards**
- ▶ **Fundamentals of Photogrammetry and Imaging**
- ▶ **Fundamentals of Digital Twin**
- ▶ **High-Precision UAV Mapping using Lidar/Camera Payloads**
- ▶ **Fundamentals of Geodesign**

## SPECIAL SESSIONS

- ▶ **Mentoring Panel**
- ▶ **Geospatial Women Networking Event**

## CLOSED-DOOR MEETINGS

- ▶ **EUROGI Board Meeting**
- ▶ **OGC Board Meeting**
- ▶ **GKI Program Committee (PC) Meeting**
- ▶ **ISDE Board Meeting**
- ▶ **EAASI Board Meeting**
- ▶ **UN-GGIM PSN Board Meeting & General Meeting**





# LEADERSHIP THOUGHTS



*“It’s our disrespect of nature and animals that provides situations such as trafficking of animals around the world, wildlife markets, factory farms, and so on that provide opportunities for pathogens to spill over from one species to another, which may give rise to a new human zoonotic disease. I do hope that all of the participants of this conference will think about these connections and the importance of protecting and respecting wildlife, and help young people realize the important role they can play in creating a better world.”*

DR. JANE GOODALL, JANE GOODALL INSTITUTE, USA



*“I am confident that the sharing and takeaways from this intellectual discourse would provide an important impetus for the global communities to collectively address common challenges and take affirmative actions that are science and evidence-based in order to achieve sustainable development.”*

YB DATO' SRI DR. ADHAM BIN BABA, MINISTER OF SCIENCE, TECHNOLOGY AND INNOVATION, MALAYSIA



*“SDGs embody a better world that we want to create for ourselves and future generations. SDGs require sound, reliable and actual information.”*

FRANK TIEROLFF,  
CHAIR EXECUTIVE BOARD,  
KADASTER, THE NETHERLANDS



*“One theme for me that cuts across all of our interests is taking a geographic approach. This is a way of thinking and problem solving that integrates our respective technologies and sciences and information and helps us understand, helps the people who we serve understand how to manage at all scales from local governments to our entire planet. This approach is integrative in nature. It’s science based and holistic, and emphasizes collaboration. Thus the whole World Geospatial Forum’s initiative of getting us together to think and include each other in our thinking and come up with solutions that really work.”*

JACK DANGERMOND, FOUNDER & PRESIDENT, ESRI



*“The path from the dawn of space age to the smartphone was anything but obvious or straightforward. I now see, in retrospect, that there were three basic steps that were involved in leading PNT to its place in the world economy. First, Sputnik led to the global navigation systems. Second, the Shuttle disaster led us to the realization that the satellite system was an information utility. And now, the integration of PNT into the mobile and immobile internet is changing our world.”*

CHARLIE TRIMBLE, FOUNDER, TRIMBLE



*“Digital transformation is happening at unprecedented speed, and geospatial information and technology are fundamental for socioeconomic growth and development.”*

BRIG. GEN. MD. HABIBUL HUQ,  
PSC, SURVEYOR GENERAL,  
SURVEY OF BANGLADESH

*“Satellite data market is going to be a part of geospatial data market, which would be a part of the Big Data market. So, everything is connected. Customers are not interested in data source, they are interested in information and analysis.”*

MOTOYUKI ARAI,  
CEO, SYNSPLECTIVE



*At ESA (European Space Agency), we have embarked on a project ESA called Hydro GNSS, which uses Surrey’s GNSS Reflectometry to address the number of the climate related issues, be it water detection or biomass, etc. This doesn’t stop here; we are looking at the lunar economy. PNT has indeed a very bright future, not just on Earth but also looking through this decade into the use of PNT on the user surface.”*

PROFESSOR SIR MARTIN SWEETING FRS FRENG,  
EXECUTIVE CHAIRMAN, SURREY SATELLITE  
TECHNOLOGY LTD.



*“Merging real-time data streams from a variety of sources like sensors & IoT devices can increase analytics accuracy. Map maintenance requires a smart fusion of sources for both change detection & providing the actual reference for the map updates.”*

ARNOUT DESMET, VICE PRESIDENT MAPS – GLOBAL  
SOURCING, TOMTOM, BELGIUM



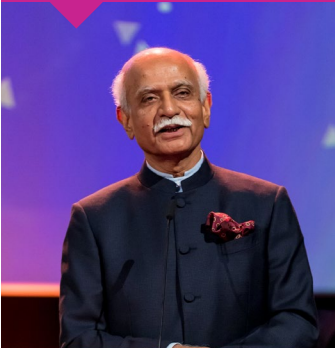
*“The concept of digital cities is mind blowing but we do miss a very big part of our planet, where high-resolution data is the need of the hour — the ocean and the sea floor, which cover two-thirds of our planet, and we lack this good high-resolution data. As a result, we face global threats such as climate change, biodiversity loss, and pollution.”*

HANNAH BROCKE, CO-FOUNDER & COO, PLANBLUE



*“Enormous amount of progress in digital cities has all to do with sensors. Along with sensors we require computing power, storage, and equally important is the communication capability. It’s the confluence of these four things going together: computers, data, communications, algorithms, and these are bringing a profound change.”*

BVR MOHAN REDDY, FOUNDER & CHAIRMAN, CYIENT



*“Technology has reshaped and continues to reshape the world around us. In today’s technology driven age, geospatial knowledge plays a crucial role. India’s geospatial economy was valued at about USD 5 billion in 2021 and employs approximately 470,000 people across the country. By 2025, the geospatial economy has the potential to grow to more than USD 8 billion with employment in the sector rising to over 950,000 people. There is therefore a huge potential that is yet to be realized. The Government of India has been creating an enabling environment to facilitate private participation in the geospatial services.”*

REENAT SANDHU, AMBASSADOR OF INDIA TO THE KINGDOM OF THE NETHERLANDS



*“It’s always crucial to emphasize the importance of geospatial data regarding cities. Today there are challenges in terms of sustainability and mobility. Governments are migrating from 2D to 3D which will make what we do with data much more predictive.”*

FRANK PAULI, CEO, CYCLOMEDIA



*“The perspective is to develop an Integrated Geospatial Information Framework (IGIF) country-level plan.”*

JEAN-DESIRE RAJAONARISON, DIRECTOR GENERAL, NATIONAL GEOGRAPHIC AND HYDROGRAPHIC INSTITUTE OF MADAGASCAR



*“We need indoor tracking and mapping. We need altitude data so that you know what floor you’re on when you’re thinking about accurate location. We also need to increase resilience and redundancy. That’s going to give us all increased security as well.”*

GILLIAN SMITH, VICE PRESIDENT OF MARKETING, NEXTNAV



*“Given the goals of the national development plan, it ties strategically with the theme ‘Geography and Humanity’.”*

SIMONE M. LLOYD,  
GISP, PRINCIPAL  
DIRECTOR (ACTING),  
NATIONAL  
SPATIAL DATA  
MANAGEMENT  
BRANCH (NSDMB),  
MINISTRY OF  
ECONOMIC  
GROWTH AND JOB  
CREATION



*“The theme of this forum, ‘Geography and Humanity’, highlights the link between geography and social connectivity. As we have discovered during the pandemic, it is particularly important to maintain this link in times of crisis. During the COVID-19 pandemic, the use of digital technologies has been instrumental in bridging the geographic divide to keep individuals and communities connected to the governments and civil society organizations mandated to serve them.”*

YB CHONG ENG, EXECUTIVE COUNCILLOR  
FOR SOCIAL DEVELOPMENT & NON-ISLAMIC  
RELIGIOUS AFFAIRS, PENANG STATE  
GOVERNMENT, MALAYSIA



*“There is a big mess when you want to digitize property holdings. There are no differences between countries or big differences between institutions everywhere. In order to address the problem, the Republic Geodetic Authority changed several laws and policies. In fact, the authority’s website is the fourth most popular site in Serbia.”*

DARKO VUCETIC, HEAD OF CENTRE FOR GEOSPATIAL  
INFORMATION MANAGEMENT, REPUBLIC GEODETIC  
AUTHORITY, SERBIA



*“There are about 60,000 accidental utility strikes in London and due to that disruption is particularly acute. There’s also the issue of fragmentation with different authorities, service providers, telecom providers etc.”*

HELEN MARKIDES, INFRASTRUCTURE DATA & INNOVATION LEAD, GREATER LONDON  
AUTHORITY





*“3D and beyond is not important, it is critical and the only pathway towards a sustainable world. By applying vast amounts of data, metaverse will evolve to 4D, 5D and so on. I am excited about the experience of smart digital reality that will involve simulating experiences in the digital world before moving into a physical world.”*

JUERGEN DOLD,  
EXECUTIVE VICE  
PRESIDENT,  
HEXAGON

*“In a hyper local business like food delivery, optimizing rider logistics is of paramount importance. Because each cent that you save in such a constrained environment in food delivery has a massive impact on your P&L.”*

HARDIK BATRA, COMMERCIAL DIRECTOR, FOODPANDA,  
PHILIPPINES



*“After setting up of national SDI (NSDI) infrastructure, people’s work related to the cadastral map, reference, and review conclusion and issuing of land registration certificates done in one minute.”*

BUYANDELGER  
MYAGMARSUREN,  
DEPUTY DIRECTOR,  
AGENCY FOR LAND  
ADMINISTRATION  
AND MANAGEMENT,  
GEODESY AND  
CARTOGRAPHY,  
MONGOLIA

*“The precision location of an event, product or geographical object aids data analytics and adds a new dimension to assist businesses. It improves productivity and support better daily lives of people.”*

SAURABH RAI, GLOBAL HEAD  
ANALYTICS – TECH MAHINDRA  
BUSINESS PROCESS SERVICES



*“Aerial survey should be national priority and not municipal priority because of the need for homogenization, standardization, Interoperability, integration, and cost reduction.”*

MARCOS MARTINEZ,  
SECRETARY GENERAL,  
EUROPEAN ASSOCIATION  
OF AERIAL SURVEYING  
ASSOCIATION (EAASI)



*“A few years back, there was no real understanding over geospatial information that how it would help in achieving sustainable development goal but the consistent effort of GWF like platform make people believe that geo-information is a cross-cutting in nature and affects all development activities.”*

GREG SCOTT,  
GLOBAL GEOSPATIAL  
INFORMATION  
MANAGEMENT,  
ENVIRONMENT  
STATISTICS AND  
GEOSPATIAL  
INFORMATION  
BRANCH, UNITED  
NATIONS STATISTICS  
DIVISION, USA



*“New things are happening, particularly in the area of governmental satellite communications, space situational awareness, and others, which are benefitting citizens every day. Galileo, EGNOS (European Geostationary Navigation Overlay Service), Copernicus, and GOVSATCOM programs are key areas of EU space activities. All these programs are massive investments and in the end, the result comes from their utilization in the different areas of our economy and daily life.”*

RODRIGO DA COSTA, EXECUTIVE DIRECTOR, EU AGENCY  
FOR THE SPACE PROGRAMME (EUSPA)



*“Connected infrastructure we are seeing is critical. It’s about data flowing easily. For L5 autonomy, there needs to be adequate infrastructure.”*

JUBAL HARPSTER, VICE PRESIDENT AND GEOSPATIAL  
AND HI-TECH SECTOR HEAD, CYIENT



*“We need to think about best data that we can generate on-board. It’s not just a matter of having many satellites. The computing capability we will see on next-gen satellites will be incredible. In the Earth observation realm, SAR will benefit from the power computing that we can put into space. It’s a completely new way that would include using AI for smart tasking or change detection on earth.”*

MASSIMO CLAUDIO COMPARINI, DEPUTY CEO, THALES  
ALENIA SPACE ITALIA



*“Delivery options and estimated delivery dates are based on distance calculations, as well as the tracking of the shipments in reporting and the mediation of fraud and monitoring of the security of the platform and last in analytics in order to gain business insights, observe market trends and understand Council customer behavior in correlation with the original norms.”*

ANNA PETRIKOGLOU, TRUST CAMPAIGN MANAGER, EBAY / ZETA GLOBAL



*“We have a national project that is very important for us, which is that we need to update the cadastral information. To do that, we are working with two systems — one is the National Spatial Data Infrastructure and the other is the National Statistical System — to promote the use and dissemination of cadastral data.”*

SANDRA LILIANA MORENO MAYORGA, TECHNICAL DIRECTOR  
GEOSTATISTICS, DEPARTAMENTO ADMINISTRATIVO NACIONAL DE  
ESTADISTICA – DANE, COLOMBIA



*“Apart from implementing the land policy, we have laid emphasis on maintaining and managing NSDI geoportal along with monitoring and reporting spatial data infrastructure at all levels. Also, our focus areas have been mapping and creating cadastres.”*

MARIA OVDII, HEAD DEPARTMENT  
GEODESY, MAPPING AND  
GEOINFORMATICS, AGENCY FOR LAND  
RELATIONS AND CADASTRE, REPUBLIC OF  
MOLDOVA







*“One of the major applications of space and for the first satellite was earth observation (EO). We discovered most of the climate change through satellites. Back in the 50s, 60, and 70s, a massive change was observed by scientists, which led to the research and the concrete body of climate change that we have today. Then, telecommunications happened and that picked up a major business in satellites and space technology. But I think EO is going to come back.”*

ABHILASHA PURWAR, FOUNDER & CEO, BLUE SKY ANALYTICS



*“Today, Africa is undergoing the largest wave of urban growth. In the near future, 50 percent of the population will move to the cities. Keeping in mind the expansion, we have carried out aerial and drone surveys of more than 6,000 square kilometers of urban areas, registered 100,000 properties, and developed a registration system in 18 provinces in Angola.”*

RAPHAEL AMINOV, SENIOR MAPPING AND GIS CONSULTANT, GEODATA AG, ISRAEL



*“Our studies are largely inspired by the current or recent geopolitical changes in the world. We did have some law amendments related to real estate transactions and ownership. Since 2020, we have amended three laws related to right of owning and buying land. Also, there are pre-emption rights related to national security and possibilities for expropriation in certain cases.”*

KIRSIKKA RIEKKINEN, ASSISTANT PROFESSOR, AALTO UNIVERSITY/WPLA, FINLAND LAND ADMINISTRATION SUPPORTING NATIONAL SECURITY

# GEOSPATIAL WORLD AWARDS 2022



## GEOSPATIAL WORLD HALL OF FAME

### **Prof. Sir Martin Sweeting**

Founder  
Surrey Satellite Technology Ltd (SSTL)

### **Dr. BVR Mohan Reddy**

Founder  
Cyient

## LEADERSHIP AWARDS

- Lifetime Achievement Award  
– **Tim Trainor**
- Geospatial Ambassador of the Year  
– **Kevin Pomfret**
- Advancing Sustainability Award  
– **Kate Raworth**
- Geospatial Diversity Champion of the Year – **Nadine Alameh**
- National Geospatial Agency of the Year – **State Service of Ukraine for Geodesy, Cartography and Cadastre (StateGeoCadastre)**
- Enabling Public Policy  
– **Australian Space Agency**
- Startup Company of the Year  
– **Synspective**
- Geospatial Innovator of the Year  
– **GHGSat**
- Research, Science & Technology Institution of the Year – **Jet Propulsion Laboratory (JPL)**



## EXCELLENCE AWARDS

- Excellence in Public Health – **Johns Hopkins Coronavirus Resource Center (CRC)**
- Excellence in Public Safety – **Penang Women's Development Corporation, Malaysia**
- Excellence in Urban Planning – **Ministry of Lands & Natural Resources and Ministry of Local Government, Zambia**
- Excellence in Land Administration – **Department of Land Resources, Ministry of Rural Development, Government of India**
- Excellence in Agriculture & Food Security – **Food and Agriculture Organization (FAO)**
- Excellence in Water Security – **UN Assistance Mission for Iraq & UN Department of Political and Peacebuilding Affairs**
- Excellence in Retail – **Procter & Gamble**
- Excellence in Utility – **Grand Bahama Utility Company (GBCU) & ASTERRA**
- Excellence in Construction & Engineering – **Skanska UK Construction Limited**
- Excellence in Content Platform - **Federal Office of Topography swisstopo – Swiss Geological Survey**

## INNOVATION AWARDS

- Innovation in Location Intelligence – **NextNav**
- Innovation in Aerial Mapping – **Vexcel Imaging**
- Innovation in Seafloor Mapping – **Planblue**
- Innovation in SAR-Optical Data Fusion – **Thetaspace**
- Innovation in AI for HD Vector Maps – **Ecopia AI**

# PARTICIPATING ORGANIZATIONS

- 1Spatial
- Aalto University
- AAM Pty Ltd
- ACM
- ADE
- Agencia Nacional de Tierras
- Agency for Land Administration and Management, Geodesy and Cartography
- Agency for Land Relations and Cadastre
- AgUnity
- AI-Infrasolutions.com
- Airbus Defence and Space
- Aistech Space
- Allterra Belux
- Amazon Web Services
- AMS Kelper
- ANAT (Senegal land-use planning and mapping agency)
- ANELLO Photonics
- ANG
- Antea Group
- Arama
- ArchAI
- Argaleo
- ASE Structure Design Private Limited
- Association of Authorised Land Surveyors Malaysia
- ASTERRA
- Atos Nederland
- Azercosmos-Space Agency of the Republic of Azerbaijan
- Bain & Co
- Barjeel Aerial Photography Services
- BEE4BIM
- BHO Legal
- BioSense Institute
- Blackshark.ai
- Blacksky Inc.
- Blekinge Tekniska Hogskola
- Bloomberg Businessweek
- Blue Sky Analytics
- Bluesky International Ltd
- Booking.com
- BRGM
- BRISA Gestao de InfraEstruturas, S.A.
- British Cartographic Society
- Brotherwise
- BryceTech
- Bunge Loders Croklaan
- Business Geografic
- Cabinet Office, Geospatial Commission
- Cadasta Foundation
- Cairo University
- Canterbury Christ Church University
- CARTO
- Cartologic
- CEDEJ/CNRS
- Ceinsys Tech Ltd.
- CenterOne Group
- Central Arkansas Water
- Ception Technologies
- Cloud Security
- Cloudeo
- Coca-Cola European Partners
- Coders Co.
- Cognizant
- con terra GmbH
- Copernicus Institute of Sustainable Development - University of Utrecht
- CRELYTICA Ltd
- Cropin
- Crowd2Map
- C-SIGMA LLC
- Cybertiks
- Cyclomedia
- Cyient Limited
- Czech Technical University in Prague
- Dassault Systemes
- Defence Geographic Agency
- Department of Land Records and Surveys Bangladesh
- Department of Land Resources India

- Department of Land Resources Ministry of Rural Development Government of India
- DG DEFIS - European Commission
- Dibba Municipality
- DST
- Dublin City Council
- EAASI
- EARSC
- EarthDaily Analytics Corp.
- eBay
- Echo Analytics
- ECMWF
- Ecopia AI
- e-GEOS
- Elektrobit
- Element 84
- ELTE
- Embassy of Malaysia
- Encord
- Enexis
- Environics Analytics
- Environment Agency Austria
- EOMAP GmbH Co KG
- EOX IT Services
- ESA
- Esri
- Estonian Land Board
- Euroconsult
- EUROGEO
- EuroGeographics
- EUROGI
- European Commission
- European Environment Agency
- European Space Imaging
- European Union Satellite Centre
- EUROSENSE
- Eurosense Belfotop BV
- EUSPA
- Excel Geomatics Private Limited
- Exiger Diligence
- FACTO GEO
- Fakulteti i Historise dhe Filologjise
- FAO
- FAPI Rothschild & Co
- Federal Administration for Geodetic and Property Affairs
- Federal Agency for Cartography and Geodesy
- Federal Geographic Information Center
- Federal Office of Topography swisstopo
- FerGIS
- FIG - Int. Federation of Surveyors
- FLAI d.o.o.
- Fondazione Edmund Mach / OSGeo
- Food and Agriculture Organization of the United Nations
- Foodpanda
- Fugro
- Fujairah GIS Center
- Fujairah Municipality
- Future Insight
- GAF
- Gallagher Re
- GASGI
- Gemeente Ermelo
- Gemeente Stichtse Vecht
- General Directorate of Land Registry and Cadastre
- General Port Authority
- GEO DATA AG
- Geo Square
- Geo Week / Diversified Communications
- GEO4IR
- GeoBIMexperts
- GeoCensos Foundation
- Geodan
- Geodata
- geodata.space
- Geocosystems LLC
- GeoExperts
- Geofumadas Magazine
- Geographical Society of New South Wales
- Geo-Informatics and Space Technology Development Agency(GISTDA)
- Geollect
- Geological Survey of Montenegro
- Geonovum
- Geospatial Commission
- Geosprint Oy
- GeoVille GmbH
- Geoworm

- German Aerospace Center, DLR
- Geronimo.AI
- Getmapping PLC
- GHGSat
- GIS Certification Institute
- GIS Cloud
- Global Marketing Insights Inc.
- Google
- Govt. Postgraduate College Gojra
- Gravity Geospatial Solutions
- Greater London Authority
- HAS hogeschool
- HCP international
- Head Office of Geodesy and Cartography
- HEAD Technology France
- Hellenic Cadastre
- Hexagon
- Hexagon NovAtel
- HINTE Messe-und Ausstellungs-GmbH
- Horus
- HuffPost
- ICEYE
- IGI
- IGN FI
- IIC Technologies Ltd
- Imagem
- Imageo
- Indian Embassy to Kingdom of Netherlands
- Instituto Brasileiro de Geografia e Estatistica
- International Cartographic Association
- International Cartographic Association ICA
- International Federation of Surveyors (FIG)
- International Society for Digital Earth (ISDE)
- iSpatial Techno Solutions
- ISPRS
- IT Smart Vision
- ITC, University Twente
- Jacob University
- Jet Propulsion Laboratory
- Johanneberg Science Park
- Johns Hopkins University Applied Physics Laboratory
- Joint Research Center, European Commission
- Juruukur DMY
- Kadaster
- Kayrros
- KERMAP
- Knalblauw
- Kosovo Cadastral Agency
- Kpler
- Kumpulan Ukur Petanah
- L3Harris Geospatial Solutions
- Land Management Bureau
- Lands Commission Ghana
- Lead'Air Inc.
- Leibniz University - ISPRS
- Leica Geosystems AG
- Licensed Land Surveyor's Board of Malaysia
- LiveEO GmbH
- Localyse
- Location Based Marketing
- Association
- Location International
- Mace
- Malaysia Space Agency
- Mapify
- Maxar Technologies
- Merkator
- Metropolitan City of Bologna
- Michael Bauer International GmbH
- Microsoft
- Ministry of Defence
- Ministry of Economic Growth and Job Creation (MEGJC) - National Spatial Data Management Branch (NSDMB)
- Ministry of Education Malaysia
- Ministry Of Lands and Natural Resources
- Ministry of Municipality
- Ministry of Science, Technology & Innovation (MOSTI)
- Ministry of the Interior and Kingdom Relations

- Ministry of Urban Development and Housing
- MOD
- MOMRAH
- Mongabay
- MUG Ingenieursbureau
- Municipality
- NASA
- Nationaal Geografisch Instituut
- National Administrative Department of Statistics
- National Agency of Public Registry (NAPR)
- National Geographic and Hydrographic Institute
- National Geographic Institute of Belgium
- National Geospatial Development Agency of Mozambique (ADE)
- National Land Agency Colombia
- National Land Commission Bhutan
- National Land Survey of Finland
- National Research Council of Italy
- Nature Conservancy
- NEO BV
- NeoGeoinfo
- Net4s
- Netherlands Space Office
- NextNav
- NIBM
- NIDIM
- Nobacco
- Norwegian Mapping Authority
- Obsearth Ltd
- OECD
- Office for National Statistics
- Office of Topography and Cadastre
- OGC
- Ogilvy GmbH
- OPEGIEKA Sp. z o. o.
- Optron Group
- Oracle
- Ordnance Survey
- Oxford Technical Solutions (OxTS)
- PEJUTA
- Penang State Government
- Penang Women's Development Corporation
- Picterra
- Pix4D
- planblue GmbH
- Planet Labs
- Planning Authority
- Plant
- Precisely
- Presagis
- Procter & Gamble
- Public Services Agency (PSA)
- Queen's University, Belfast
- Rakaa Holding
- RASIKH
- RCMRD
- Remote Sensing Solutions and Ladies of Landsat
- Republic Geodetic Authority
- Rheinmetall Electronics
- Richard Theemling
- RIEGL
- RISE3D
- RMSI Ltd.
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- SafeGraph
- Satellite Applications Catapult
- Satellite Vu
- Satellogic
- Satlantis Microsats S.L.
- satsearch
- Schneider Digital Josef J. Schneider e.K.
- Secure World Foundation
- Seraphim Space
- Servicio Nacional de Catastro, Ministerio de Hacienda
- SICPA
- Skanska UK
- Skyability
- SOI
- Space.tec
- Space4Good
- SpaceAlpha Insights

- Span Steel Construction
- SPASA Servicios Politecnicos Aereos
- Spatial Vision
- Spire
- Spotr
- State Geodetic Administration
- State Service of Ukraine for Geodesy, Cartography and Cadastre
- Statens Kartverk
- Statistics Lithuania
- Statistics Portugal
- Supper & Supper
- Surrey Satellite Technology Ltd
- Survey Department
- Survey of Bangladesh, Ministry of Defense
- Surveying and Mapping Authority of the Republic of Slovenia
- Swiss Re
- Synspective Inc
- Taqnia ETS
- Tata CLiQ - Tata Unistore Limited
- Tech Mahindra
- Teledyne Geospatial
- Telespazio Belgium
- Ter Haar Geoinnovation Limited
- Ternow AI GmbH
- TerraGo Technologies
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- Texas A&M University
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- The Cardillo Group
- The Ohio State University
- Thetaspace GmbH
- TITUS Research GmbH
- TomTom
- TPI sp. z o.o.
- TravelTime
- Trimble Inc.
- TU Delft
- Twenty First Aerospace Technology Co. Ltd. (21AT)
- Tygron
- UCL
- uCrowds
- UK Geospatial Commission
- UK Health Security Agency
- Unacast
- United Nations Department of Political and Peacebuilding Affairs
- United Nations Department of Political and Peacebuilding Affairs / Innovation Cell
- United Nations Office for Outer Space Affairs
- United Nations Statistics Division
- United Nations University and University of Bonn
- United States Census Bureau
- Univ. Stuttgart, Stuttgart, Germany
- Universidade Nova de Lisboa
- University of Bonn
- University of Burgundy
- University of California, Santa Barbara
- University of Groningen
- University of Salerno
- University of Twente
- University of Westminster
- UoM
- UP42 GmbH
- USAID
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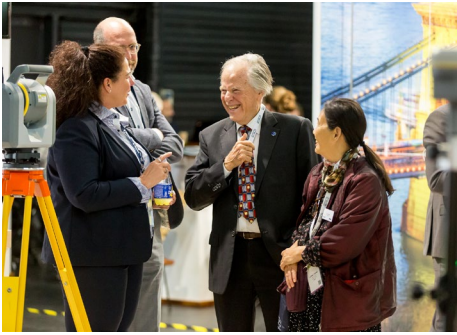
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# TESTIMONIALS



The GWF provides a platform and social meeting place for GI-professionals both in public and private sectors. The audience and presenters are true representatives of a global GI-community, from East to West and North to South.

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## PAUL JANSSEN

Geo-standardisation Expert, Geonovum,  
The Netherlands

Global challenges require global collaboration, partnerships and innovation across and beyond the geospatial industry and community, if humanity is to thrive sustainably on planet earth. GWF provides an excellent platform on which to explore the challenges, solutions and opportunities, collaboratively.

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## CHRIS PARKER

Geovation Co-Founder and Stakeholder Lead,  
Ordnance Survey, United Kingdom



Participating in GWF 2022 was amazing because of the opportunity to share with a large audience. What I think is important in the Geospatial World it gives a chance to be in contact with different actors that is important for the development of sustainable practices, and in building a better world. Exchanging experiences and ideas was really one of the highlights of the event.

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## BREYLLA CAMPOS CARVALHO

Census Analyst, Instituto Brasileiro de  
Geografia e Estatística, Brazil



GWF 2022 was a remarkable event which brought together very knowledgeable professionals in the geospatial industry with great experience to share.

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## JONES OFORI-BOADU

Deputy Executive Secretary  
Lands Commission, Ghana



Great conference to catch up with trends, learn about what's new, share your work, and expand your network. If there's a chance for you to join, don't miss it.

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## CHALERM PON LERTSAKDADET

AIP Project Leader, Airbus, Thailand



The event went well, all the staffs are very helpful. I hope this will continue for it was very helpful to our industry in expanding and more learnings throughout the event.

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## KHALID BIN DASMAL

Managing Director, Barjeel Aerial Photography  
Services, UAE

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2-5 May 2023 • Rotterdam, The Netherlands



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