

UPCOMING **HYBRID WEBINAR**

Earth Observation in Crisis and Disaster Management in Emerging Countries

 **April 4th, 2024 | 3:00 PM GMT**

Do not miss the opportunity to participate in this exclusive Webinar organised by Astraterra UK and Imperial College London's Centre for Active Resilience and Security (CARS) on: "The Role of Earth Observation in Crisis and Disaster Management in Emerging Countries".

The UN Office for Disaster Risk Reduction (UNDRR) recently observed that, "the world is on track for more than one disaster a day by 2030, and that we are to be hit harder by more catastrophes colliding in an interconnected world! Therefore, better crisis and /disaster management is needed to ensure a high level of sustainability and resilience, in line with United Nations Sustainable Development Goals (e.g. SDG 1: No Poverty, SDG 6 clean and water sanitation, SDG 13: Climate Action, SDG 15: Life on Land, and SDG 17 Partnership for the goals).

The explosion in Earth Observation (EO) data from Remote Sensing Satellites from various national and international programmes, in addition to a new generation of commercial satellites and emerging constellations of small satellites, offers an unprecedented opportunity to develop effective solutions for crisis and disaster management. However, this requires appropriate tools for data management and analytics, business models and social frameworks. Disruptive technologies such as AI, 3D data visualisation, cloud computing technologies and blockchain, for example, could play a significant and enhanced role in the creation of the required analytical tools!

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Come and hear from world-renowned experts

Astraterra UK, a consultancy specialised in PNT and EO, is collaborating with Imperial College London's Centre for Active Resilience and Security (CARS) is inviting you to attend its exclusive webinar on: The Role of Earth Observation in Crisis and Disaster Management in Emerging Markets.



Prof. Alejandro Roman

Paraguay Space Agency , General Director of Execution and Aerospace Development

Chair of the Developing and Emerging Countries Committee (IAF ACCESS) at the International Astronautical Federation (IAF)



Mr. Gijs van den Dool

International consultant and renowned expert in natural catastrophe modelling and climate change risk assessments

Senior EO Advisor Astraterra



Dr. Mireille Elhajj

PhD. CEO Astraterra UK

Senior Honorary Lecturer at Imperial College London

Fellow at the Royal Institute of Navigation - **Moderator**



Dr. Namrata Goswami

PhD. Author, professor, and expert specializing in space policy, international relations, and ethnic identity



Dr. Philipa Mason

PhD, Senior Lecturer at Imperial College London

Geospatial geologist, private consultant in mining exploration



Mr. Andrew Eddy

President and CEO, Athena Global

Secretary, CEOS WG Disasters



Dr. Juan Carlos Villagran de Leon

Head, UN-SPIDER Bonn Office

UN-SPIDER Programme

UNOOSA

The expected learning outcomes are a good understanding of:

1. The latest disruptive innovations in EO.
2. How EO can help prevent crises and disasters
3. Innovative insurance business models and how they help emerging countries
4. The role of International agreements and collaboration in data sharing , standardisation, technology transfer governance and collaborative policies
5. The Paraguay experience and the collaboration with UNOOSA, CEOS WG Disasters and other Space agencies

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