

AGENDA

TUESDAY 15 OCTOBER | 15:45 TO 16:45 | ROOM 2&3

Welcome & Introduction

Mr Gerson Abesamis, Habi Education Lab

The added value of the Copernicus CopPhil Programme for Philippines

Dr. Joel Marciano, Jr., PhilSA Director General

Leveraging Copernicus data for Disaster Risk Management (DRM) in Southeast Asia

Dr. Casper Fibæk, ESA

Hands-on use cases based on a multistakeholder approach

- Specific needs on satellite data for DRM

Mr Jimmy Loro, GIZ

- Experience of end users of early warning systems

Ms. Andrea Koulaïmah, European Commission DG ECHO

- How Copernicus data can be used to monitor and manage a typhoon and its consequences

Ms. Marion Sutton, CLS

European Union Global Gateway strategy in the Philippines and opportunities for Copernicus in ASEAN

Ms Maria Terron Puig, European Union Delegation to Philippines

Event facilitated by the Digital for Development (D4D) Hub, a strategic platform established by the European Union and its Member States to work together as Team Europe to foster multi-stakeholder partnerships and boost investments to advance a human-centric digital transformation worldwide. Contact: secretariat@d4dhub.eu

Recording of the event will be available on the D4D Hub website: www.d4dhub.eu

ABOUT THE PARTNER EVENT

At the Asia-Pacific Ministerial Conference on Disaster Risk Reduction (APMCDRR) taking place in Manila, Philippines, 14-17 October 2024, a dedicated session on how **Team Europe** can help global partners in making the most out of Earth observation will showcase the added value of the Copernicus CopPhil Centre in the Philippines as part of the European Union Global Gateway strategy and discuss strategies for integrating Copernicus data and services into national and regional disaster management frameworks.

The D4D Hub in partnership with the European Commission, the European Space Agency (ESA), the Philippines Space Agency (PhilSA), Expertise France and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) intends to:

- **Raise awareness on Earth observation satellite data for disaster risk management (DRM) and the opportunities created by the Copernicus CopPhil Centre (mirror site) in the Philippines:** Introduce the benefits of satellite data for DRM at national and local level; understand the needs of the Philippines stakeholders and share lessons learnt to support local partners; present the first pilot services developed in the new centre.
- **Enhance regional DRM capacities through the new Copernicus CopPhil Centre:** Present Global Gateway strategy and opportunities for Copernicus in ASEAN countries.

apmcdrr.undrr.org

COPPHIL CENTRE IN THE PHILIPPINES

Cooperation and collaboration are crucial to tackle the effects of climate change, which is why the Philippine government, and the European Union have agreed to develop several initiatives aimed at mitigating the negative effects of climate change, while sharing experiences, innovations and technologies.

The Copernicus Programme for the Philippines (CopPhil) illustrates this concrete win-win cooperation. CopPhil is a Global Gateway flagship initiative, managed by the European Union, implemented by ESA, PhilSA and the Department of Science and Technology (DOST). PhilSA Director General Dr. Joel Marciano Jr. indicated during Space Cooperation conference in March 2024 that

"[CopPhil] is very important for early warning, for example, for extreme weather phenomenon, as well as improving climate resilience."



<https://copphil.philsa.gov.ph/>



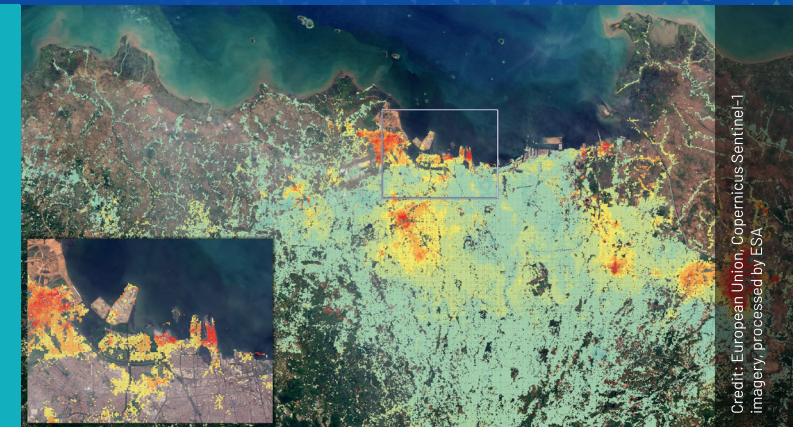
Strengthening ASEAN Disaster Risk Management by Harnessing Copernicus Data

15 OCTOBER 2024

15:45 – 16:45 (GMT+8)

MANILA, PHILIPPINES

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A partner event of APMCDRR



ASIA-PACIFIC MINISTERIAL CONFERENCE
ON DISASTER RISK REDUCTION



Presented by:



SPEAKERS



Joel Joseph S. Marciano, Jr.

Dr. Joel Joseph S. Marciano, Jr. is the inaugural Director General of the Philippine Space Agency (PhilSA), holding the rank of Cabinet Secretary and serving as Presidential Adviser on Space Matters. He is also a Full Professor of Electrical and Electronics Engineering at the University of the Philippines, where he held the Dado and Maria Banatao Professor Chair. From 2014 to 2020, he led the development of the Diwata microsatellites and Maya nanosatellites, focusing on ground operations, data processing, and distribution. He has received multiple accolades for his contributions to research, teaching, and public service, including an Honorary Doctorate from Hokkaido University in January 2023.

Dr. Marciano obtained his PhD in Electrical Engineering and Telecommunications from the University of New South Wales and was a UP-Dado Banatao Fellow at UC Berkeley and UC San Diego.



Jimmy Loro

Jimmy Loro is the Chief Advisor of the GIZ "Towards a South-South Collaboration on Climate Information and Services Project." He works with the Philippines Climate Change Commission, the University of the Philippines, and the Philippines Atmospheric, Geophysical and Astronomical Services Administration to standardise the development of climate information products that enhance understanding of climate change and support local decision-making. With over a decade of experience in climate and disaster risk finance, he focuses on public-private partnerships and innovative products for agriculture and MSMEs. He notably led the creation of the first satellite-based area yield index insurance for rice in the Philippines and has managed initiatives in peace, health, and poverty reduction.

Mr Loro holds a master's degree in Environment and Natural Resource Management, specializing in Upland Resource Management from the University of the Philippines.



Marion Sutton

Marion Sutton joined CLS, Collecte Localisation Satellite, a subsidiary of the French Space Agency and the Belgian investment company CNP, in 2007. She is responsible for developing innovative services utilizing space data for CLS's strategic areas of application. Her recent work includes developing an algae monitoring alert system for the Caribbean region using Copernicus satellite data to address societal needs. She currently serves as the European Space Agency's technical liaison for the CopPhil project, working in collaboration with the Philippine Space Agency to develop value-added services in areas such as ground motion, land cover, and benthic monitoring.

Ms Sutton holds a master's degree in Marine Engineering and Physical Oceanography from the University of Toulon in France.



Casper Fibæk

Dr. Casper Fibæk is an Earth Observation (EO) application specialist at the European Space Agency (ESA), where he serves as the project manager for the CopPhil project. With extensive experience in artificial intelligence (AI) and its applications for Earth Observation and international cooperation, he has developed AI-driven solutions for African financial institutions and managed ESA's contribution to the GIGA project with UNICEF and ITU to connect schools globally. He also collaborates on AI Foundation models for satellite data to advance sustainable development initiatives. Passionate about leveraging EO technologies for societal impact, he has lectured extensively, fostering knowledge exchange in Southeast Asia, Africa, and beyond.

Dr. Fibæk obtained his Industrial PhD on Artificial Intelligence applied to Earth Observation in a Development Context in partnership with NIRAS based in Oxford, and Aalborg University in Copenhagen.



Andrea Koulaïmah

Andrea Koulaïmah is the Director for Sub-Saharan Africa, Latin America and the Caribbean, South, East and Southeast Asia, and the Pacific at the Directorate-General for Civil Protection and Humanitarian Aid Operations (DG ECHO) of the European Commission. Since joining DG ECHO in 2000, she has overseen EU humanitarian operations in Sudan, South Sudan, and Central Africa. Previously, she served as Head of Unit for these regions and as Deputy Head of Unit for various crises, including in the Balkans, Afghanistan, Pakistan, and Iran. Additionally, she managed ECHO's global field network from 2015 to 2020.

Ms Koulaïmah holds a degree in Political Science and International Relations from the University of Strasbourg and Trinity College Dublin, as well as a master's degree in European Studies from the College of Europe in Bruges, Belgium.



Maria Terron Puig

Maria Terron Puig is the Programme Manager for Green and Digital Programmes at the EU Delegation to the Philippines, a position she assumed in May 2024. Before joining the delegation, she worked as a geographical coordinator for bilateral development cooperation between the Philippines and Thailand at the European Commission's Directorate-General for International Partnerships. Her previous experience also includes roles in international connectivity and transport relations, focusing on the Pacific, Latin America, and Africa. Early in her career, she worked on circular economy policies at the European Commission's Directorate-General for Environment and has a background in policy work related to migrant entrepreneurship and environmental advocacy.

Ms Terron Puig holds a Law degree from Pompeu Fabra University in Spain, as well as two master's degrees in European Studies and International Relations from institutions in Germany and Bruges.