

Mozambique

EO-BASED SERVICES TO ENHANCE RESILIENT RECONSTRUCTION IN CYCLONE AFFECTED AREAS

29th October 2020– 14:00-16:00

Broad Scope Session

In March and April 2019, Mozambique was struck by two consecutive major cyclones with significant impacts on local populations, business and core infrastructure. The first event, Cyclone Idai, affected more than 1.5 million people (5.4 percent of Mozambique population) and cyclone Kenneth, affected around 250,000 people .

Both cyclones caused serious damage to housing and public buildings leading to displacement and disruption of key public sector services, including markets, schools and health facilities with possible long-term negative impacts on people's lives. Impacts of Cyclone Idai and Cyclone Kenneth are concentrated in the provinces of Sofala, Zambezia, Manica, Nampula, Tete and Cabo Delgado.

A Post Disaster Needs Assessment (PDNA), carried out in collaboration with the Government of Mozambique (GoM), United Nations (UN), African Development Bank (AfDB), European Union (EU) and the World Bank, was conducted in April and May 2019 quantifying the damages, losses and negative repercussions on poverty and economic growth.

The general objective of EO4SD-DRR within this Demonstration Exercise has been to define and implement a demonstration of Earth Observation derived information in support to a resilient reconstruction.

Objectives of the session:

- To introduce the audience to EO4SD-DRR
- Quick overview of the Demonstration Exercise results
- To raise awareness within the involved stakeholders regarding the potential of EO-based techniques for environmental management and Disaster Risk Reduction
- To establish a reference point for potential future collaborations

Time	Thursday 29th October 2020
14:00-14:15	Presentation of participants and role in the WB Project
14:15-14:30	Presentation of the EO4SD & EO4SD-DRR initiative <i>ESA, Philippe Bally</i> <i>Indra, Alberto Lorenzo</i>
14:30-14:45	Context, understanding "The context of the project and the response from Earth Observation. EO in the context of a wider decision-making process"
14:45-15:15	Service overview and discussion
15:15-15:45	Service details (results, methodology, examples)
15:45-16:00	Next steps
	Feedback and discussion