



Committee on Earth Observation Satellites

WGD thematic discussion: Use cases for the Operationalization of EO at the local level

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WG Disasters 17 (virtual)

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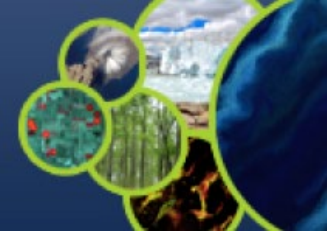


- Introduction: 2022-2023 chair priorities
- Linkages between existing activities
- New applications
- Opportunities to showcase
- CEOS Workplan: new activity
- Climate change: SCO presentation

WGDis Chair Priorities 2022-2023

Focus on Operational Uptake of past WG successes to increase resilience

- Demonstrators (thematic, RO):
 - Continue to demonstrate potential but begin building path to sustainable operations post demonstrator – stronger ties to international stakeholders but also local actors where appropriate
 - Increase focus on capacity building in all demonstrator activities
- Strengthen ties to GEO WGs (Capacity Development, DRR) through increased visibility of WG Dis activities within GEO (international, regional) – confirm institutional linkage to GEO DRR WG
- Explore linkages to climate related activities, especially through the impact of climate change relating to extreme weather events and local impacts of climate (assessment, mitigation, resilience) – opportunities of partnership within Space Climate Observatory framework
- Exploit new technology opportunities, either through new missions, new activities (e.g. LEO/GEO Flood Pilot) or new data exploitation techniques (AI)



- Undertake a review of past pilot and demonstrator work with a view to identifying:
 - Successful engagement of local users
 - Sources of complementary contributions or funding (i.e. leveraging)
 - Innovative applications of EO for DRM, especially linkages to new exploitation methods (e.g. big data, machine learning)
 - Opportunities to showcase strongly relevant EO-based DRM work
 - Ties to capacity building
- Compile a best practices document to guide demonstrators towards sustainable use of EO beyond CEOS demo period
- Report to CEOS Plenary Q3 2023



- Consider areas where DRM work is tied to climate change impacts and seek to identify possible synergies or new projects with other CEOS WGs or GEO
- Identify most promising EO applications for local impacts and tie to existing initiatives where possible
- Consider embracing SCO framework (to be presented next) for local applications of WGD pilots or demonstrators, or new initiative