



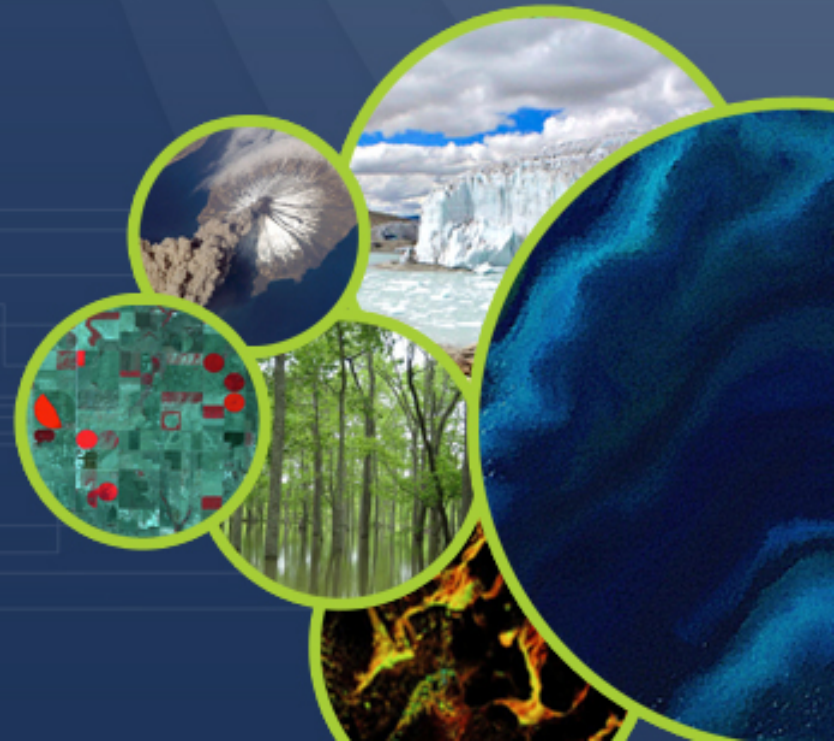
Committee on Earth Observation Satellites

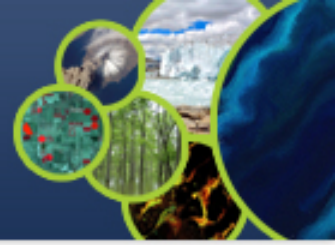
EO Strategy Small Reflection Group

Report to WG Disasters 12

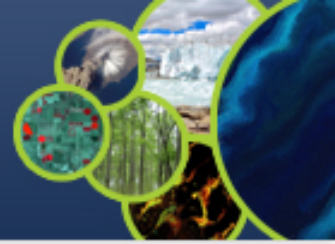
25 September, 2019 –
Reykjavik, Iceland

Simona Zoffoli, Chair
Andrew Eddy, Secretary





- **Small group** formed after March WG meeting in Athens: Pierric, Helene, David, Dave, Jens, James, Andrew, and Simona
- **Two telcons:** June and September
- Decision taken not to update previous strategy but to generate a **new strategy**, replacing consensus report and DRM observation strategy
- Major differences from past approach: **higher-level**; not based on specific new activities; **gap focussed**, considering main existing data sets available and also information product and service gaps.
- **Table of contents** developed for review by WG



Introduction (2 pages) – Global DRM challenges; Sendai Framework; disaster cycle (preparedness, warning, event, recovery); Risk vs hazard: Hazard (including leading hazards internationally, and multi-hazard scenarios), exposure, vulnerability; data versus information products and the product chain; science observations and proto-operational observations.

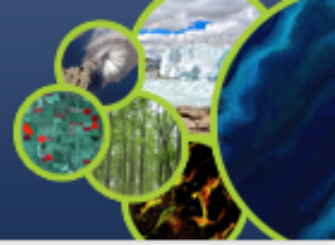
I Open data sets and services (3 pages) – summary presentation of main NASA/USGS/NOAA sensors and their use (esp. Landsat), summary presentation of Copernicus Sentinels and their use; Charter, Copernicus EMS, Sentinel-Asia;

II Licensed data sets and commercial services (3 pages) – summary presentation of main types of available commercial data esp. VHR optical and SAR data; commercial risk management services?

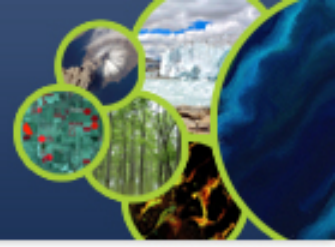
III Major gaps in DRM observations (2 pages) – high-level discussion of which data are missing for critical hazard and exposure observations and why (missing technically? Available but unaffordable? Available but not properly ‘assimilated’ into information systems?)

IV CEOS WG Disasters role (2 pages) – cross reference new ToR and show how building on past pilots and demonstrators and GSNL work, WG Disasters can lead new DRM applications in specific thematic areas making key data sets available through demonstrators or bringing key communities together for new applications; other groups and related mandates (e.g. GEO, and GEO Sendai WG; IWG-SEM; others?)

Conclusion (1 page) – summary of future role of WG Disasters in making observations available to the international DRM community



- Review and discussion at today's meeting!
- Update of Table of Contents end September
- Rough first draft to be produced in October (by Athena Global with volunteer input from group)
- Resources need to be identified for further work later this year and early next year (volunteer contributions from small reflection group members? Other?)
- Review at March 2020 WGD13



Thank you!

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