**CEOS Recovery Observatory**

Semestrial Report Q2/3 2015

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| **Recovery Observatory – report of the Recovery Observatory Oversight Team (ROOT)** |
| September 2015 | Steven Hosford, ROOT Chair (CNES) | Collaborating organizations:ASI, CNES, DLR, ESA, JAXA, NASA, UNOSAT, UNDP, GFDRR |
| **Achievements:** * V2 of IT infrastructure completed summer 2015 – RO is ready to be triggered if required
* Informal discussions with value-added providers begun
* Lessons Learned Report drafted on Cyclone Pam collaboration with WB
* CNES-commissioned report on possible products for the RO and the current state-of-the-art of satellite data use for recovery.
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| **Activities**: * Analysis of product needs and definition of product standards for satellite-based Recovery Products (CNES contract to SERTIT for study on potential products and data requirements with 3 disasters scenarios)
* Attempted collaboration on rapid assessment – Cyclone Pam; Lessons Learned Report
* Preparing IT infrastructure: ingestion of new formats: vector, maps and additional satellite data sets
* Preparation for potential RO triggering (value-adding discussions, discussions with potential new partners (e.g. EC)
* Informal discussions with WB and UNDP on possibility of triggering for Nepal
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| **Data accessed this Q** (#images /satellite)No new data accessed or programmed; Kal-Haiti data set uploaded to demonstration version of RO for data sampling | **Total data accessed to date** (#images /satellite)N/A |
| **Products:** none | **User****N/A**  | **User or practitioner endorsement** |
| Presentation made to ISRSE in Berlin, May 2015 and EARSEL in Stockholm , June 2015 |
| **List objective milestones and state progress to date (%)**Cooperation on support to Post-Disaster Needs Assessment reports – 10%Collaboration attempted in March/April; possible new collaboration fall 2015Establishment of RO IT infrastructure – 100% for v1; 80% for v2 (new data format work not completed, but should be completed by November) |
| **Issues identified and risk management approach*** Value adding contributions will be critical and will require some funding still to be identified either from stakeholders, satellite agencies or other supporters of RO. ROOT secretariat has begun informal discussions with potential contributors. Further discussions necessary.
* Data licensing harmonization remains an issue but not a showstopper.
* Collaboration with stakeholders needs to be reinforced
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