

**CEOS Recovery Observatory**  
Semestrial Report Q2/2016-Q3/2016

<b>Recovery Observatory – report of the Recovery Observatory Oversight Team (ROOT)</b>		
September 2016	Patrice Benarroche, ROOT Co-Chair (CNES), Joe Leitmann, ROOT Co-Chair (GFDRR/WB)	Collaborating organizations: ASI, CNES, DLR, ESA, JAXA, NASA, USGS, UNOSAT, UNDP, GFDRR, EC, Government of Malawi
<b>Achievements:</b> <ul style="list-style-type: none"> <li>• Collaboration begun with Government of Malawi on “demonstrator”</li> <li>• Similar activities being planned in Nepal and Syria with WB as end user/partner</li> <li>• Establishment of EO data licensing for disasters sub-group and 2 first meetings; draft license circulated to agencies for comment.</li> </ul>		
<b>Activities and Status:</b> <ul style="list-style-type: none"> <li>• Recovery Observatory ready for triggering since 1 January, 2015</li> <li>• Initial data acquisitions begun fall 2016 in Malawi;</li> <li>• Decisions on next steps in Nepal and Syria expected fall 2016;</li> <li>• Triggering of the RO after a major event or as follow-on to demonstration work in Malawi (in 2016);</li> <li>• Evaluation at RO + 6 months;</li> <li>• Lessons learned and sustainability strategy after evaluation of 1<sup>st</sup> RO</li> </ul>		
<b>Data accessed this Q</b> (#images /satellite)  Half dozen archived Pleiades images over Malawi; Sentinel-2 data over Malawi; Pleiades imagery over Nepal also acquired.	<b>Total data accessed to date</b> (#images /satellite)  ibidem	
<b>Products:</b> Sample products elaborated September 2016 for Malawi – change detection showing roadwork; agricultural products	<b>User DoDMA/Government of Malawi</b>	<b>User or practitioner endorsement</b> N/A
Dissemination: TBD		
<b>List objective milestones and state progress to date (%)</b>		

Demonstrator activity – 30%  
Triggering RO – 0%  
RO infrastructure set-up – 100%

**Issues identified and risk management approach**

- RO 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.
- Malawi collaboration relies on strong end user input, which is critical to success.