

CEOS support to the Permanent Supersite “Hawaii” of the GEO Geohazards Supersites and Natural Laboratories Initiative

October 23rd, 2012

Background

The Geohazards Supersites and Natural Laboratories (GSNL) initiative of the Group on Earth Observations (GEO) aims at deepening knowledge and scientific understanding of geologic processes posing natural hazards. It is establishing a small number Permanent Supersites, which are regions of highest priority to the geohazards science community.

CEOS has proposed a process for selecting these Supersites in the context of the GSNL initiative, whereby¹

1. Supersites are nominated to a “Scientific Advisory Committee” (SAC)
2. SAC reviews nominations and recommends to CEOS
3. CEOS Supersites Coordination Team (SCT) reviews proposals based on a set of criteria and recommends CEOS support, as appropriate,
4. CEOS SIT and Plenary confirm support to each Supersite.

This will be reviewed regularly every two years.

Recommendation of the CEOS Supersite Coordination Team

On July 7th, 2012 the SAC has recommended accepting Hawaii as a Permanent Supersite based on the proposal attached.

The SCT recommends that CEOS support this Supersite and that the following resources are made available. The list below is indicative. Data will be made available free of charge on a best-effort basis. Individual license and access conditions may apply.

ASI	100 scenes / year until next review (2014)	COSMO-Skymed	
CNES	1 coverage @ 2,5m	SPOT-5	Pleiades data may be made available, if needed
CSA	Archive data	Radarsat-1 Radarsat-2	By dedicated SOAR mechanism
DLR	250 scenes until next review (2014)	TerraSAR-X	100 scenes already delivered
ESA	All available archive data Any available acquisition	ERS-1 / -2, ENVISAT-ASAR Sentinel-1, -2	
NASA	Any available acquisition	EO-1	

Recommendation of the CEOS Strategic Implementation Team (SIT)

On September 12th, 2012 the SIT supported the SCT recommendation.

Required Action

The CEOS Plenary is requested to accept the proposed Hawaii Supersite and approve the data commitments detailed above.

¹ Selection process for GEO Geohazard Supersites, A proposal of the Committee on Earth Observing Satellites, version 1.0, Sept. 6th 2012.