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New Directions in Seismic Hazard Assessment through Focused Earth Observation in the Marmara Supersite

Grant Agreement Number: 308417

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THEME [ENV.2012.6.4-2]

[Long-term monitoring experiment in geologically active regions of Europe prone to natural hazards: the Supersite concept]

D10.2

Second report on the integration and links to other initiatives

Project Start Date	1 November 2012
Project Duration	36 months
Project Coordinator /Organization	Nurcan Meral Özel / KOERI
Work Package Number	10
Deliverable Name/ Number	Second report on the integration and links to other initiatives/D10.2
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Dissemination Level		
PU	Public	
PP	Restricted to other programme participants (including the Commission)	
RE	Restricted to a group specified by the consortium (including the Commission)	
CO	Confidential, only for members of the consortium (including the Commission)	

POSSIBLE COLLABORATIONS – INITIATIVES AND PROJECTS

The purpose of this report is to provide an update on collaborations between MARsite and related projects and initiatives. The original deliverable on this topic (D10.1) was completed in October 2013 (M12). As MARsite is still on-going it is not possible to report on the final state of the collaborations.

Members of the MARsite consortium, including the project coordinator and the WP10 leader, participated in the final meeting of the EPOS Preparatory Phase in Rome in 22nd to 24th October 2014. During EPOS's Implementation Phase MARsite will seek to develop its infrastructure so as to be in phase with this European initiative. Close cooperation with EPOS will also be maintained in the field of data policy. Similarly MARsite partners have participated in GEOSS meetings.

Collaboration with the European project REAKT on earthquake early warning has been maintained during the second year of MARsite. The REAKT project finishes at the end of 2014.

Possible collaborations in the final year of the project are with the other two Supersite projects (MEDSUV and FutureVolc), perhaps in the framework of a joint meeting. A joint session with these two projects was held at EGU 2014 and another is planned at EGU 2015 with the title 'The European contribution to the GEO Supersite Initiative'. Also collaboration with the Research Infrastructures EMSO, EPOS and FIXO³ should be sought in the final year of MARsite. Finally, results and data from MARsite could be shared with projects funded by H2020. The MARsite portal developed within WP10 (<http://marsite.brgm-rec.fr/marsite/>) could be a vehicle for such data sharing.

MARsite partners attended the GEO-X Plenary in January 2014 where they helped man the EPOS stand. CEOS has accepted the Marmara Sea as the 'Marmara Region Permanent Supersite' thanks to efforts by MARsite. The acceptance letter is reproduced on the following page.

KOERI is a member of Unavco from which it receives technical assistance.



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May 06, 2014

CEOS acceptance of the "Marmara Region" Permanent Supersite

Dear Prof. ~~Ergintav~~ ^{Semih},

On behalf of the Committee on Earth Observing Satellites (CEOS), it is my privilege to inform you that the CEOS Strategic Implementation Team, at its 29th session on April 8th/9th 2014, in accordance with the selection process accepted in November 2012, following a recommendation by the CEOS Supersites Coordination Team, based on the revised proposal you submitted (dated January 30, 2013), has accepted the Marmara Region Permanent Supersite.

CEOS agencies intend to support the Iceland Supersite with the following data resources:

Agencia Spaziale Italiana (ASI)	COSMO-Skymed: 200 scenes / year 400 scenes of past acquisitions
Canadian Space Agency (CSA)	Radarsat-2: 160 scenes / year
Deutsches Zentrum für Luft- und Raumfahrt (DLR)	TerraSAR-X: 250 scenes / year 550 scenes of past acquisitions
European Space Agency (ESA)	ERS-1 / -2 / ENVISAT-ASAR, Sentinel-1, -2: Any available acquisition
Japan Aerospace Exploration Agency (JAXA)	To be determined
National Aeronautics and Space Administration (NASA)	ASTER to be determined EO-1 any available acquisition

Data will be made available free of charge for the purposes described in your proposal for the Marmara Region Supersite, and on a best-effort basis. Individual data access procedures and applicable license and access conditions are identified in the instructions annexed to this letter.

According to the CEOS approach to the GEO GSNL, CEOS will regularly review the Marmara Region Supersite for progress and continued relevance to the objectives of the GSNL. The first such review is foreseen after two years, i.e. at the end of 2016.

Sincerely,

Jörn Hoffmann

Letter from CEOS concerning acceptance of Marmara Region Permanent Supersite.