**Component of GEO 2012-2015 work plan:** C2 Geohazards Monitoring, Alert, and Risk Assessment  
**Priority action:** Establish Geohazards Supersites and Natural Laboratories  
**Area:** DISASTERS (GEO Secretariat, Francesco Gaetani, FGaetani@geosec.org)

**Leads** (GEO Member or PO, Entity carrying out the work, contact: e-mail):  
Falk Amelung, University of Miami, USA, famelung@rsmas.miami.edu  
Massimo Cocco, European Plate Boundary Observatory (EPOS) and INGV, Italy (massimo.cocco@ingv.it),  
Joern Hoffmann, Committee of Earth Observation Satellites (CEOS) and DLR (Joern.Hoffmann@dlr.de).

**Purpose of this Questionnaire:**  
1. Provide guidance to the Scientific Advisory Committee (SAC) for selecting Candidate Supersite which eventually will become permanent Supersites.  
2. Collect information on potential contributors for the development of a global network of Natural Laboratories for geohazards (including Point-of-Contacts for the establishment of event Supersites) as part of the Global Earth Observation System of Systems (GEOSS).

**Who should respond?**  
1. Geohazard monitoring agencies interested in participating in the initiative.  
2. Scientists with particular interests in specific geohazard regions.

**What are the selection criteria for Candidate Supersites?**  
The criteria are (1) the potential for new scientific discoveries, (2) vulnerability to geohazards and (3) commitment to GEO data sharing principles.

E-mail filled questionnaire to Massimo Cocco (Europe, Africa) or Falk Amelung (elsewhere). This information will be incorporated into the strategic plan under development (section 10.2, 10.3).

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**Proposed Candidate Supersite:** ……………

**Natural Laboratory:** …………… (e.g. Caribbean natural laboratory)

**Point of Contact (PoC):** …………… (name, organization, e-mail)

**Volcano PoC* (if different)** …………… (name, organization, e-mail)

**Monitoring Agency(s):** …………… (name)

**Scientist(s) involved:** …………… (name, organization, e-mail)

(“) to designate event Supersites in the case of volcanic unrest

**Scientific rationale:**  
1-2 paragraphs describing the geologic background, hazard, research questions, monitoring goals, expected results (see draft of strategic plan for examples) ……………

**SAR data needs (if known):**  
area to be covered, revisit time, mode (ascending or descending or both), very high resolution (e.g. spotlight) or stripmap (provide maps of planned coverage)
### In-situ observation networks

<table>
<thead>
<tr>
<th>Network (name,type)</th>
<th># of stations</th>
<th>open data access</th>
<th>archiving organization</th>
<th>Available from global facility (IRIS, Unavco, ISC, other)?</th>
<th>Interest in participating in data sharing demonstrator?**</th>
<th>Technical hurdles for participation in data sharing</th>
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</thead>
<tbody>
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</tbody>
</table>

Relevant websites:

(*) This information will be used for a global inventory of in-situ data assets

(**) e.g. GNSS data sharing, visit Supersites website for information. For an example, see [http://www.unavco.org/pubs_reports/reports/annual/gsac/ROSES-GSAC-review-yr1.pdf](http://www.unavco.org/pubs_reports/reports/annual/gsac/ROSES-GSAC-review-yr1.pdf)

**Other comments:**

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Submitted by: