



**MEMORANDUM OF UNDERSTANDING
BETWEEN
ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA OF ITALY
AND
NATIONAL RESEARCH INSTITUTE FOR EARTH SCIENCE
AND DISASTER PREVENTION OF JAPAN
ON
COOPERATED RESEARCH WORK**

Istituto Nazionale di Geofisica e Vulcanologia of ITALY (INGV) and National Research Institute for Earth Science and Disaster Prevention of Japan (NIED) sign this Memorandum of Understanding (MoU) on the earth science and disaster prevention technologies. Parties wish to cooperate and interact closely with each other for staff training, technical development and international research cooperation against natural disasters (earthquakes, volcanoes and environments) and social vulnerability. Our goal is to develop and spread theories and technologies for contributing to the mitigation of natural disasters and the sustainable development of the earth environment.

1. Collaboration shall include, but is not limited to, the following:
 - Promoting research cooperation on seismological study, including data exchange, laboratory experiments and hazard mitigation.
 - Promoting research cooperation on volcanological study, including data exchange, laboratory experiments and hazard mitigation.
 - Promoting research cooperation on environment study, including data exchange, laboratory experiments and hazard mitigation.
 - Promoting personnel exchanges and cooperated staff-training

2. Scientific data developed or resulted under possible collaboration projects may be available to the general scientific community through international publications, seminars, lectures and conferences provided that the parties shall have reasonable time to protect and patent rights prior to disclosure. The parties shall agree later in detail on the scope and performances of the collaboration and of all applicable terms and conditions (including, but not limited to, general rights and obligations of the parties, publications, ownership and user rights, protection of the intellectual property rights, treatment of property rights liabilities and








obligation of confidentiality).

3. Parties shall agree on the financial arrangements on case by case basis. Each party shall bear its own costs derived from the collaboration, if not otherwise agreed by both parties.
4. This MoU shall take effect from the date of the last signature and remain in force through March 31st, 2016, unless either party notifies the other party in writing of its intention to terminate this MoU at least 1 month in advance.

IN WITNESS WHEREOF, the following authorized representatives of the parties have signed this MoU.

For ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA OF ITALY	For NATIONAL RESEARCH INSTITUTE FOR EARTH SCIENCE AND DISASTER PREVENTION OF JAPAN
Stefano Gresta President  IL PRESIDENTE (Prof. Stefano GRESTA) 	Yoshimitsu Okada President 

- 3 LUG. 2013

Date:

July 26, 2013

Date: