

**Science and Technology Research Partnership for
Sustainable Development**

**Enhancement of Earthquake and Volcano
Monitoring and Effective Utilization of
Disaster Mitigation Information in the
Philippines**

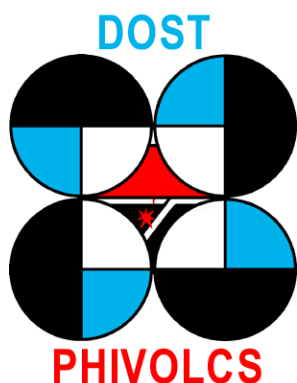
Kick-off Workshop

and

the 1st Joint Coordination Committee Meeting

February 23 and 24, 2010

PHIVOLCS Auditorium



Philippine Institute of Volcanology and Seismology
Japan International Cooperation Agency
Japan Science and Technology Agency
National Research Institute for Earth Science and Disaster Prevention

WORKSHOP AGENDA

Tuesday, February 23

8:30-9:00 Registration

9:00-9:30 Opening

9:00 – 9:06 Welcome Remarks,
Renato Solidum Jr., PHIVOLCS Director

9:06 – 9:12 Message
Graciano Yumul Jr., DOST Undersecretary

9:12 – 9:18 Message
Masafumi Nagaishi JICA Senior Representative

9:18 – 9:24 Message
*Yoshinori Suzuki, MEXT Director of Earthquake and
Disaster Reduction Research Division*

9:24 – 9:30 Message
Yoshimitsu Okada, NIED President

9:30-10:30 Overview

9:30 -9:45 Science and Technology Research Partnership for
Sustainable Development (SATREPS)
Chiaki Kobayashi, JICA

9:45 -10:00 Earthquake and Volcano Disasters in the Philippines
Renato Solidum Jr., PHIVOLCS

10:00-10:15 PHIVOLCS' Activities for Earthquake and Volcano
Disaster Mitigation
Bartolome Bautista, PHIVOLCS

10:15-10:30 Enhancement of Earthquake and Volcano Monitoring and
Effective Utilization of Disaster Mitigation Information in the
Philippines: Project Overview
Hiroshi Inoue, NIED

10:30-10:40 Signing of PHIVOLCS-NIED MoU

10:40-10:50 Group Photo

10:50-11:10 Coffee Break

11:10-12:30 Earthquake Monitoring

11:10 -11:25 Earthquake and Tsunami Monitoring of PHIVOLCS

Ishmael. Narag, PHIVOLCS

11:25-11:40 Operation of PHIVOLCS' VSAT Seismic Network

Arnaldo Melosantos, PHIVOLCS

11:40-11:55 Development of an Automated System for Rapid
Determinations of Earthquake Source Parameters

Masaru Nakano, NIED

11:55-12:10 Strongmotion Observation of PHIVOLCS

Melchor Lasala, PHIVOLCS

12:10-12:30 Development of Dense Earthquake Intensity
Measurement Network

Hiroshi Inoue, NIED

12:30-13:30 Lunch

13:30-14:50 Evaluation of Earthquake Generation Potential

13:30-13:45 Research on Seismic Potential Evaluation in the
Philippines through Geodetic, Geomorphic and
Paleoseismic Surveys

Fumiaki Kimata, Nagoya University

13:45-14:05 GPS Studies along the Philippine Fault System

Teresito Bacolcol, DOST-PHIVOLCS

14:05-14:20 Geodynamics in the Philippines-Eastern
Indonesia:Crustal Deformation and Plate Subduction

Takahiro Ohkura, Kyoto University

14:20-14:35 Historical Earthquakes in the Philippines

Maria Leonila Bautista, DOST- PHIVOLCS

14:35-14:50 Seismic Potential Evaluation of the Philippine Fault Zone,
Philippine Trench and Manila Trench through Geomorphic and
Paleoseismic Investigations

Hiroyuki Tsutsumi, Kyoto University

14:50-15:00 Coffee Break

15:00-17:30 Integrated Real-time Volcano Monitoring

15:00-15:20 Volcano Monitoring System in the Philippines

Jaime Sincioco, PHIVOLCS

15:20-15:40 Taal Volcano: Observations on Recent Activities and
Previous Unrests

Julio Sabit, PHIVOLCS

15:40-16:00 Recent Activities of Mayon Volcano

Eduardo Laguerta, PHIVOLCS

16:00-16:20 Enhancing Monitoring Capabilities of Taal and Mayon

Volcanoes

Hiroyuki Kumagai, NEID

16:20-16:40 Real Time Monitoring of Ground Deformation around
Volcanoes using RTK-GPS

Fumiaki Kimata, Nagoya University

16:40-16:55 Overview of the Electromagnetic Monitoring of Taal Volcano
during the JICA/JST Project

Toshiyasu Nagao, Tokai University

16:55-17:15 Electromagnetic observations of Miyake-jima Volcano, Japan
before and during the Caldera Formation in 2000

Youchi Sasai, Tokyo Metropolitan Government

17:15-17:30 A Role of Electromagnetic Survey in Study of Volcanoes

Toru Mogi, Hokkaido University

18:00-20:00 Reception

Wednesday, February 24

9:00-11:25 Disaster Mitigation Information

9:00 - 9:15 Disaster Management in the Philippines:

Renato Solidum, Jr., PHIVOLCS

9:15 - 9:30 Rapid Earthquake Damage Assessment System (REDAS)

Maria Leonila Bautista, DOST-PHIVOLCS

9:30 - 9:45 Buildings and Houses in the Philippines

Angelito Lanuza, PHIVOLCS

9:45 - 10:00 Simple Seismic Diagnosis and Awareness

Chikahiro Minowa, NIED

10:00 - 10:15 Strategies for Mitigation of Disasters from Research
Achievements to Application in Practices

Tatsuo Narafu, Building Administration Research Institute

10:15 - 10:30 Research on Effective Methodology for Collecting and
Diffusing of Disaster Lessons in Japan and Indonesia

Yoshinari Hayashi, Shizuoka University

10:30 - 10:50 Disaster Risk Information Platform in Japan

Yuichiro Usuda, NIED

10:50 - 11:05 PHIVOLCS Web System & Network:

Melquiades Figueroa, PHIVOLCS

11:05 - 11:25 Earthquake and Volcano Disaster Preparedness Program

Ma. Mylene Villegas, PHIVOLCS

11:25-12:30 Discussions

Closing