

MEMORANDUM OF UNDERSTANDING

BETWEEN

THE DEPARTMENT OF GEOSCIENCES – NATIONAL TAIWAN UNIVERSITY

AND

THE DEPARTMENT OF SCIENCE AND TECHNOLOGY - PHILIPPINE INSTITUTE OF
VOLCANOLOGY AND SEISMOLOGY-

COVERING

A COLLABORATIVE PROJECT ON:

SEISMOTECTONIC, GEODYNAMIC, SEISMOLOGICAL AND VOLCANOLOGICAL STUDY OF THE PHILIPPINES AND TAIWAN REGIONS

ARTICLE I Scope and Objective

The Department of Geosciences, National Taiwan University (hereinafter referred to as "National Taiwan University") and the Department of Science and Technology - Philippine Institute of Volcanology and Seismology (hereinafter referred to as "DOST-PHIVOLCS"), have agreed to enter into this MEMORANDUM OF UNDERSTANDING (hereinafter referred to as "MEMORANDUM").

The purpose of this MEMORANDUM is to establish a framework for scientific and technical cooperation between the National Taiwan University and DOST-PHIVOLCS, hereinafter referred to as the "Parties", to further their common goal of scientific understanding of the tectonically complicated region from Philippines to Taiwan.

ARTICLE II Cooperative Activities

Cooperative activities under this MEMORANDUM shall be in the form of (a) conduct of joint geophysical, geochemical, geological, geodetic and seismological surveys/monitoring; (b) sharing of laboratory/field equipment; (c) sharing and pooling of technical personnel (d) exchange fellowship and scholarships; (e) exchange of technical information; and (e) other activities as mutually agreed upon. All activities shall be subject to applicable laws and regulations of DOST-PHIVOLCS and National Taiwan University.

ARTICLE III Source of Funding

Cooperative activities under this MEMORANDUM shall be subject to and dependent upon the financial capabilities and manpower available to the Parties. The activities to be done under this cooperation shall be financed by Parties from their respective funds in accordance with a financial plan that must be agreed upon before each activity is initiated.

ARTICLE IV **Data Generation, Management and Proprietorship**

In the course of the conduct of this project, a database shall be developed to host the data produced by each study. The resulting data shall be shared among the members of the project for proper analysis and report writing requirement. After the termination of this project, the resulting database shall be the property of both PARTIES and can be used by both parties for other research purposes after notifying the other party in writing.

ARTICLE V **Joint Undertaking**

The National Taiwan University and DOST-PHIVOLCS agree:

1. to pool their resources, expertise and facilities and complement each other, to their best effort, in the implementation of this project.
2. to share information relevant to the project such as technical information on the seismotectonics, geodynamics, geochemistry, seismicity, volcanism and other relevant information necessary for the implementation of the project;
3. to extend assistance and cooperation to one another in the attainment of their common goal.

ARTICLE VI **Authorship**

Authorship issue related to any technical paper to be published under this project shall be in accordance with the agreement of all participants to be agreed upon prior to initiation of a specific project.

ARTICLE VII **Emergency Provisions**

It is understood that should DOST-PHIVOLCS need its equipment and personnel used in the project for more pressing projects and emergency situations (such as during times of volcanic and seismic crises), said equipment or personnel can be pulled out at the discretion of the said agency after properly informing the National Taiwan University.

ARTICLE VIII **Future Revisions or Annexes**

At any time during the implementation of this project, the Parties have the option to introduce revisions or annexes upon consultation and consent of the two parties.

ARTICLE IX **Effectivity**

This MEMORANDUM OF UNDERSTANDING shall take effect immediately from the date of signing hereof and shall remain in effect for five (5) years or until such time that the objectives of this cooperation shall have been attained through the completion of all approved project areas and activities.

IN WITNESS WHEREOF the Parties have caused their duly authorized representatives to execute this MEMORANDUM in English Language.

DR. HONGEY CHEN
SOLIDUM

Chairman

Department of Geosciences,
National Taiwan University

DR. RENATO U.

Director

Philippine Institute of Volcanology
and Seismology

SIGNED IN THE PRESENCE OF

TSANYAO FRANK YANG

BARTOLOME C. BAUTISTA