

Summary of the core member meeting of Asian Consortium of Volcanology

Date: Feb. 4, 2015

Venue: Campus plaza Kyoto, Kyoto Japan

Participants:

[Presentation & Q/A points]

1. Introduction (Fujita)

2. Country report

2-1. Indonesia (Hendrasto, CVGHM)

Young volcanologists in Indonesia: shortage of analysis technique

Recent volcanic activity

Proposals

Tambora workshop

[Q/A]

Pallister: New employment? Limited training chance for young scientist

Newhall: Establishment of regional centers and collaboration with volcano observatories

Taisne: Education themes: broad or specific

Pallister: Collaboration with universities. Revision of blueprints

2-2. Philippines (Solidum, PHIVOLCS)

PHIVOCS Strategic Programs

Disaster Risk reduction and management (DRRM)

Communication Scheme for Volcanic Activity

Capacity Building

[Q/A]

Taisne: Training opportunity (Broad or specific) -> Specific

Pallister: VDAP -> special training program for data management

Difficulty in hiring computer programmers

Gunawan: risk assessment for local government software の提供

Taisne: It is important to emphasize the effectiveness of volcanic hazard maps, like those of earthquakes, tsunami and typhoons.

2-3. Singapore (Costa, EOS)

EOS staffs

Possible contributions

WOVOdat

[Q/A]

McCousland: PhD program at EOS

McCousland, Newhall, Pallister: n: WOVOdat: pattern recognition of data mining..

2-4. South Korea (Lee, VDRPC)

VDRPC Mt. Baekdu project

IT-Based system

Plan for training course of IT-based response system

[Q/A]

Taisne: Ash fall: international monitoring (including VAAC)

2-5. China (Jiandong Xu)

Volcanic monitoring project by CEA

Changbaishan Observation network

Workshop at Changbaishan in September

2-6. Taiwan (Chen-Horng Lin, Sinica)

Operation of Taiwan Volcano Observatory (Tatun Volcano, etc.)

[Q/A]

Taisne: in case of unrest, do the observatory deal with the communication, evacuation?

Lin: So far we do only monitoring and are not experts. We have to make communication with others

Pallister: Amazing that such a small team do a tremendous jobs and this is a big step. Similar situation with Naples.

Necessary for budget support from government for permanent monitoring

seismicity – continuous about 10 years.

Solidum: How to issue the information of volcanic activity (level, etc.)

Fidel: Nuclear power plant -> 40 years

John: Tatun explosive past eruption?

2-7. Japan (Iguchi, Kyoto-U)

SATREPS

ACV proposal

[Q/A]

QA: John: Field camp for young scientist

2-8. USGS-VDAP (Pallister, USGS-VDAP)

VDAP (USGS with USAID) activities in many countries

Ideas for ACV Collaboration

[Q/A]

Solidum: PH-US relationship, basically based on Navy so far and in hydrology. This is a good opportunity. Seismic monitoring is over and we will promote to another monitoring aspects.

Costa: importance on continuous and quantitative data acquisition

Xu: How to become a partner?

Lee: CSAV details?

2-9. General (Newhall)

Specific unrest (crisis) / eruption opportunities

Joint multi-national observations by different specialties

Virtual library

Short research sabbaticals

Ash-aviation summer school

[Q/A]

Bornas: Volcanic ash advisory: international meeting in Asian region with ICAO

Pallister: Crisis procedures in observatory. How to organize and to collaborate with volunteers, post-doc, undergraduate, visiting researchers.

3. Discussion

MOU

Operating structure:

President – Iguchi: Secretariat: Fujita

Executive committee: Made, Solidum, Costa

Web:

E.C. will discuss.

Budget:

VSJ: 33,000USD/year for the first three years

All participating countries will make efforts to get budgets.

Training course

Japanese proposal: Workshop in Sakurajima in fall

Term: two or three weeks - one month (one-week is too short)

Lecturers: international

Budget: VDAP can sponsor ACV for developing countries

SATREPS (JICA) can support Indonesia.

Method: school / field observation / combination

Target level: Post-doc / Master / Observatory staff

Listing of menu, priorities

Which organization is responsible for which topic?