Managing Data from Seismic Networks

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- Introduction

- Seismic Network

- Instrumentation – data logger, seismometer, seismic network analysis system

- Service of Operation

- Future Plans

- RIMES is an international and intergovernmental institution, owned and managed by its Member States evolved from the efforts of countries in Africa and Asia, in the aftermath of the 2004 Indian Ocean Tsunami.

- Regional early warning system within a multi-hazard framework, which generates and communicates early warning information and builds capacity to prepare for and respond to trans-boundary hazards.

RIMES MemberStates and Collaborating Countries

Son La, Vietnam

Santa, Ilocos Sur, Philippines

Sittwe, Myanmar

Dalat, Vietnam

Instrumentation

❖ Quanterra Datalogger Q330HR (High Resolution A/D)

❖ STS-2.0 Broadband Sensor

Instrumentation

❖ EpiSensor ES-T

❖ CDM 570L Satellite modem

Instrumentation

❖ Antelope with sun solaris to send and receive waveform data from IRIS.

❖ Seiscomp3 for detecting the earthquake.

Future Plans

❖ We plan to add new seismic station in Nepal, Philippines and Myanmar.

❖ A total of 20 seismic stations and share the data from these seismic stations.

Operations

❖ We provide Early-Warning Earthquake Information to our Area of Responsibility.

❖ We send event notifications via email and sms.

❖ We issue Earthquake Bulletin and Tsunami Bulletin.

Thank you for your attention

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