

Regional Integrated Multi-Hazard Early Warning System

Facilitated by Asian Disaster Preparedness Center

REGIONAL TRAINING COURSE ON SEISMOLOGICAL COMMUNICATION PROCESSOR (SeisComP3) 25-29 May 2009, Bangkok, Thailand

In collaboration with Global Earthquake Monitoring Processing Analysis (gempa GmbH)
Supported by UNESCAP through the Tsunami Regional Trust Fund

Monday: 25.May.2009

Day 1

- 1.) Introduction to SeisComP V. 3.0
 - a. GEOFON/GITEWS
 - b. Requirements concerning Tsunami Early Warning
 - c. System architecture
 - d. SC3 features
 - e. Live Demonstration
- 2.) Installation of SeisComP 3.0
- 3.) Configuration of the data acquisition
 - a. MSeed format
 - b. Seedlink
 - c. Configuration files (keyfiles)
 - d. How to check data acquisition
- 4.) Station Configuration
 - a. Configuration files

Tuesday: 26.May.2009

Day 2

- 1.) Practical training on initial automatic solution
- 2.) Introduction to module functionality
 - a. Magnitude types and limitations
 - b. Localization process of SC3
 - c. Picking algorithms

Wednesday: 27.May.2009

Day 3

- 1.) Practical training on initial manual solution
- 2.) Graphical User Interface Configuration
 - a. Trace order of real time trace view
 - b. Filter
 - c. Map

Thursday: 28.May.2009

Day 4

- 1.) Practical training
- 2.) Processing Tool Configuration
 - a. Automatic picking
 - b. Automatic event detection and localization

Friday: 29.May.2009

Day 5

- 1.) Waveform quality tools
- 2.) Problem recognition and solving
- 3.) Performance monitoring
- 4.) Free Topics