Guidance of the training course "Global Seismological Observation"

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Location of nuclear tests and Countries of participants



(The original figure: courtesy of Daisuke Suetsugu. Modified by the lecturer)

World Map with Participants of Global Seismological Observation Course (As of 2009)



(The original figure: courtesy of Daisuke Suetsugu. Modified by the lecturer)

Course Objective

 Nurture of personnel who have acquired knowledge and advanced techniques of global seismological observation and are able to play important roles in the monitoring system for nuclear tests

Course Outputs

- Acquiring knowledge of the CTBT regime and the role of seismology in the International Monitoring System (IMS)
- Understanding global seismological observation technologies for monitoring nuclear tests and earthquakes
- Acquiring data analytical techniques to discriminate nuclear tests from natural earthquakes
- Making the Action Plan



(The original figure: courtesy of Daisuke Suetsugu. Modified by the lecturer)

Lectures and Practice on Seismic Instrumentation and Observation (8.5 days)



Lectures and Practice on Analysis of Seismic Data





and waveform complexity factor

Participants are requested to distinguish a nuclear exlosion from earthquakes.

Presentations by participants

- Inception report
- Design of Seismic Network
- Action Plan

Observation Trip (5 days)



Access our home page for further information

WWW address: http://iisee.kenken.go.jp/



APPENDIX Application to training course and Training facilities

Training Facilities

Building Research Institute



International Institute of Seismology and Earthquake Engineering(IISEE)

Training facilities

- Lectures and practices of data analyses are given in a class room.
- Practices on seismic observations are given in our seismological observation laboratory.

Application to Training Courses

