Global Seismological Observation

Objectives/Outcome

**[Objective]**
To acquire knowledge and advanced techniques of global seismological observation for playing important roles in the monitoring system of nuclear tests.

**[Outcome]**
1. To acquire knowledge of the CTBT regime and the role of seismology in the International Monitoring System (IMS).
2. To understand global seismological observation technologies for monitoring nuclear tests and earthquakes.
3. To acquire data analytical techniques to discriminate nuclear tests from natural earthquakes.
4. To make an Action Plan (Project Proposal) which they should do in their country after a homecoming.

Target Organization

This course is designed for administrative officers who are expected to play important roles in a global monitoring network on nuclear tests.

Target Group

1. More than 3 years’ experience in the relevant field.
2. Well versed in basic mathematics such as differentiation and integration.

Outline

Towards the early entry into force of the CTBT, the Gov. of Japan conducts a group training course on Global Seismological Observation which deals with seismological observation and its application to nuclear test monitoring, aiming at introducing up-to-date technologies and knowledge on the subject to participants who are expected to play important roles in those fields.