Outline of Training Courses

Classification		Field	Capa-city	Period	Description	Opening year	Number of ex-participants	Remarks
International Training on Seismology and Earthquake Engineering	Annual Training on Seismology and Earthquake Engineering: Seismology Course	Seismology	10	One year program October to the following September	Group Training (Eight months): The course begins with the basics of seismic wave theory and moves systematically onto seismological observation and analysis, earthquake source processes, and plate tectonics. Individual Training (Three months): The course teaches specific subjects under the instruction of lecturers in a specific field individually so that the participants can understand the seismic environment, improve the seismic resistance of buildings, and understand the tsunami environment of their home country.	1960	459	Participants are entitled to acquire a master's degree if they enroll in the master's degree course of GRIPS and complete it.
	Annual Training on Seismology and Earthquake Engineering: Earthquake Engineering Course	Earthquake Engineering	10		Group Training (Eight months): The course begins with structural analysis and structural dynamics and moves systematically onto seismic resistant structures such as reinforced concrete and steel construction, state-of-the-art technologies of base isolation and vibration damping, and seismic ultimate design techniques. Individual Training (Three months): The course teaches specific subjects under the instruction of lecturers in a specific field individually so that the participants can understand the seismic environment, improve the seismic resistance of buildings, and understand the tsunami environment of their home country.	1960	461	
	Annual Training on Seismology and Earthquake Engineering: Tsunami Disaster Mitigation Course	Tsunami	5		Group Training (Eight months): The majority of this course is the same as that of the Seismology Course. Tsunami related contents include fluid dynamics, generation and propagation of tsunami, and tsunami early warning systems. Individual Training (Three months): The course teaches specific subjects under the instruction of lecturers in a specific field individually so that the participants can understand the seismic environment, improve the seismic resistance of buildings, and understand the tsunami environment of their home country.	2006	n/a	
	Global Seismological Observation Course	Seismology	10	Two months program January to March	Participants learn about various technologies of seismological observation such as observation systems and seismic networks for detecting nuclear testing, earthquake data analysis to determine hypocenter location and magnitudes, discrimination technique of nuclear test from natural earthquakes, and the system of the CTBT and IMS.	1995	117	
	Individual Course	Seismology, Earthquake Engineering	a few	Arbitrary	Participants study specific research themes under the guidance of the IISEE staff.	1968	94	

Note: In addition, 162 participants completed the Seminar Course (conducted from 1980 to 2000). The total number reached 1,293. (As of March 31, 2007)