グローバルCOE地球惑星科学 フロンティアセミナー

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南アジア地域の地震防災体制:科学と技術の役割

講義内容:

South Asia is a hotspot of almost all natural disasters, including geological and hydro-meteorological disasters that cause huge loss of lives, property, flora and fauna since the evolution of mankind. Among the 8 member countries (Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka) of South Asia Association for Regional Cooperation (SAARC), 5 countries (Afghanistan, Bhutan, India, Nepal and Pakistan) have a long history of earthquake hazards due to moderate to strong earthquakes. These member countries are also prone to coastal hazards due to tsunamigenic and geotectonic settings beneath the Indian Ocean. The vulnerability of earthquake risk in South Asia is a prime concern to adopt a suitable and comprehensive regional earthquake response mechanism for South Asia. In this lecture, a highlight will be given on key issues to show how the application of science and technology can help to evolve an effective response mechanism for the sole benefit of people in South Asia.