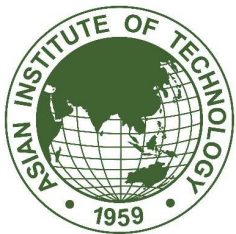




Regional Earthquake Recovery Dialogue for Building Back Better

1-2 October 2015, Kathmandu, Nepal

Capacity Development Challenges in Nepal



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1700+ Students from 60+ Countries
19800+ Alumni from 90+ Countries
29000+ Short-term Trainees from 70+ Countries
75 International Faculty from 20+ Countries
101 Adjunct / Visiting Faculty
500+ Research and Support Staff from 30+ Countries

ASIAN INSTITUTE OF TECHNOLOGY

Disaster Preparedness, Mitigation and Management Program

- ✓ Managing Disasters
- ✓ Tsunami Science and Preparedness
- ✓ Mitigation of Earthquake Disasters
- ✓ Floods and Droughts
- ✓ Georisk Engineering
- ✓ Climate Prediction and Early Warning Systems
- ✓ Energy Technologies for Disaster Warning and Management
- ✓ Remote Sensing and GIS for Disaster Risk Management
- ✓ Geospatial Technology for Disaster Risk Mapping
- ✓ Asia Pacific Initiative in Disaster Management and Humanitarian Assistance
- ✓ Community Based Disaster Risk Management
- ✓ Coastal Resiliency and Natural Disaster Preparedness
- ✓ Health and Ecological Risk Management
- ✓ EIA Framework for Disaster Management
- ✓ Planning and Implementation of Emergency Management
- ✓ Human Conflicts and Humanitarian Emergency Management
- ✓ Disaster Management in Urban Environmental Planning

Inter-disciplinary Program Covers

- Science, Engineering and Technology
- Development, Management and Social Science

❑ **DPMM / AIT having competency in analyzing data and information, developing methods and techniques, programs and activities in the areas of**

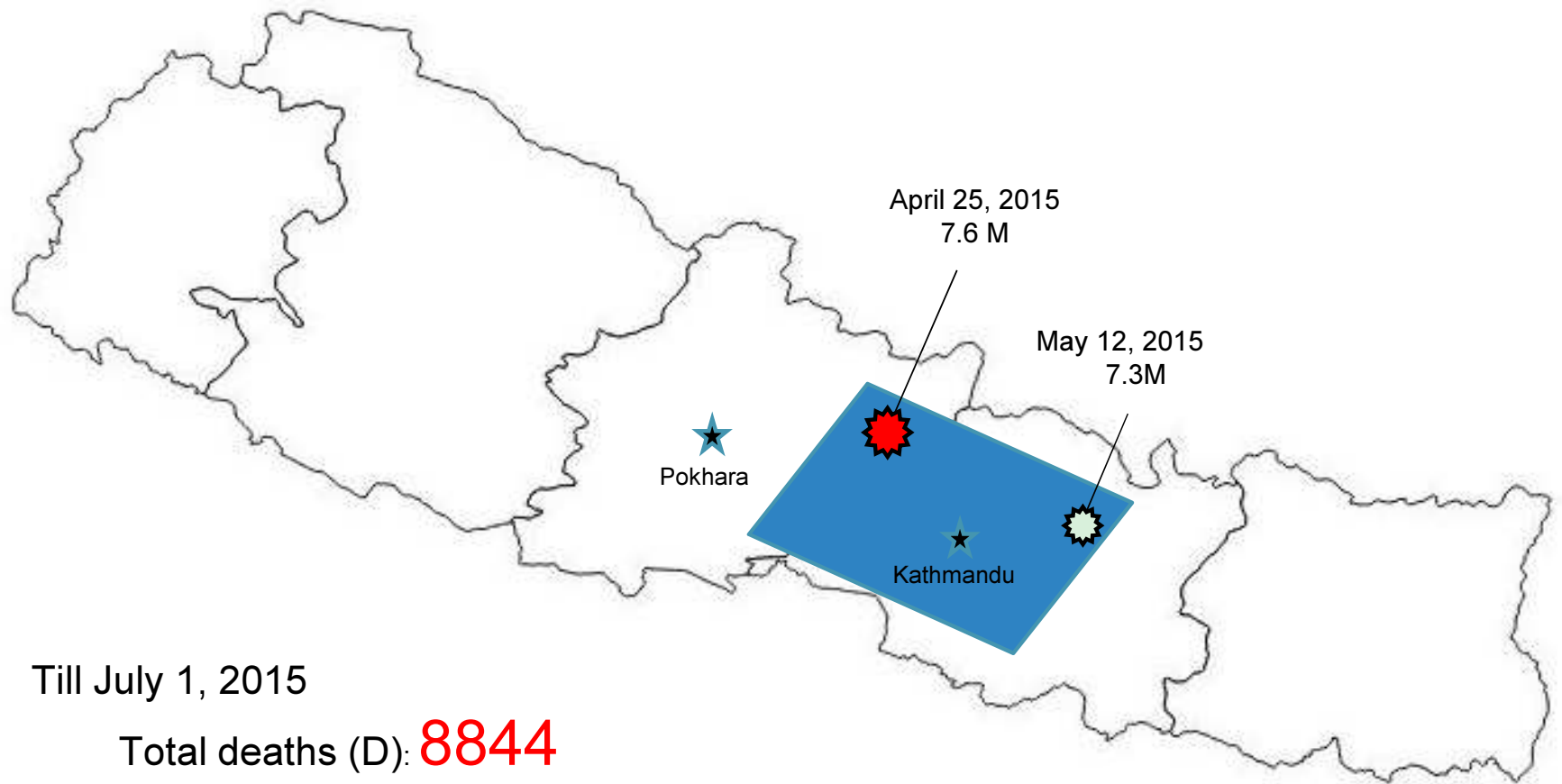
- Risk Reduction measures,
- Mitigation,
- Preparedness,
- Risk and Vulnerability Analysis,
- Assessing coping mechanism,
- Damage Assessment,
- Recovery Program and Strategy,
- Early Warning and Risk Assessment etc.

- ❑ **Customized capacity development project for Various level of officers.**
- ❑ **Science and Technology in Disaster Risk Reduction (Domain specific research and development)**
- ❑ **Documentation of Best Practices and Case studies**
- ❑ **Review and Evaluation of project activities**

AIT involvement in Disaster Risk Reduction

- **Integrating Environmental Sustainability and Disaster Resilience in Building Codes**
- **Review of the Building Codes**
- **Dedicated building codes for low-cost buildings**
- **Development of Probabilistic Seismic Hazard Maps**
- **Assessing rehabilitation and Reconstruction need for schools**
- **Development of Handbook for Hazard Vulnerability and Risk Assessment for Decision-making**
- **Seismic Vulnerability Assessment and Retrofitting**
- **Capacity Development for Decision Makers**
- **Disaster Education and Awareness**

GORKHA EARTHQUAKE 2015



Till July 1, 2015

Total deaths (D): **8844**

Total Injured (I): **22,309**

6

Source: Disaster Risk Reduction Portal Nepal

Salient facts about Gorkha (NEPAL) Earthquake

- 7.6 magnitude earthquake shook Nepal on Saturday, 25 April 2015
- More than 300 aftershocks greater than magnitude 4.0
- Four aftershocks greater than magnitude 6.0, including one measuring 6.8
- 8,790 casualties and 22,300 injuries.
- Eight million people, almost one-third of the population of Nepal, have been impacted by these earthquakes.
- Thirty-one of the country's 75 districts have been affected, out of which 14 were declared 'crisis-hit'
- Hundreds of historical and cultural monuments at least a century old were either destroyed or extensively damaged.
- Over half a million houses were destroyed.

https://www.yunbaogao.cn/report/index/report?reportId=5_3909

预览已结束，完整报告链接和二维码如下：



into Eurasian plate at rate of 18 mm per year
country to earthquake in the world (UNDP, 2004)

