













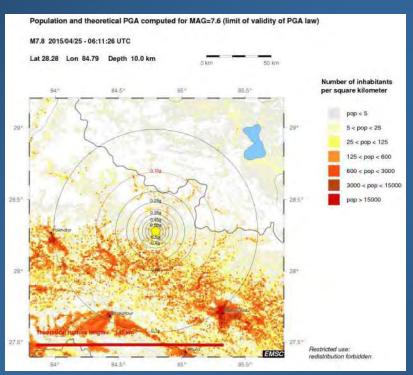




# POST GRADUATE PROGRAM ENVIRONMENTAL, DISASTER AND CRISES MANAGEMENT







# **NEPAL**

- AREA: 147.181 km<sup>2</sup> WATER (%): 2.8
- POPULATION: 26.494.504 (2011 Census)
- KINGDOM DECLARED: 25 September 1768
- STATE DECLARED: 15 January 2007
- REPUBLIC DECLARED: 28 May 2008
- POPULATION DENSITY: 180/km<sup>2</sup>
- PHYSIOGRAPHIC AREAS: Mountain, Hill, Terai
- MEDIAN AGE: 20.07
- LIFE EXPECTANCY: 64.94 (Male), 67.44 (female)
- POPULATION GROWTH RATE: 1.768%
- RACIAL TYPES: Aryan, Mongoloid
- RELIGION: Hinduism
- GDP PER CAPITA: \$ 2.310 (2013 estimate)









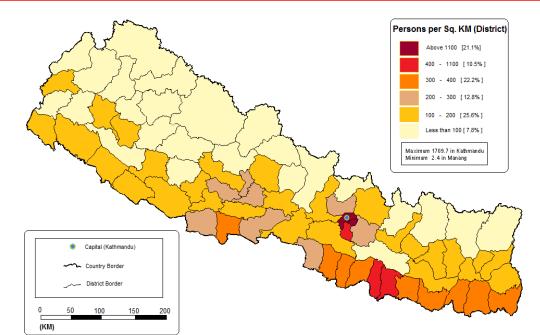










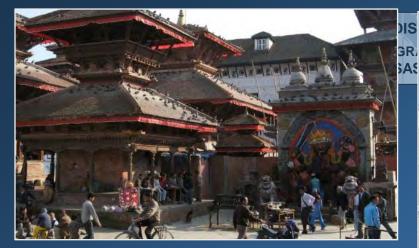








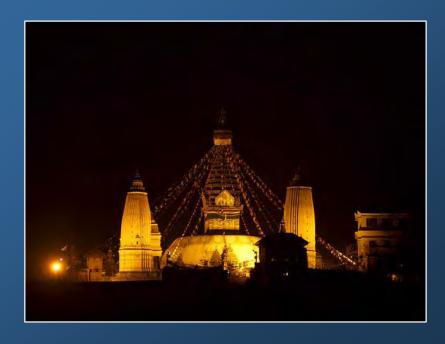






















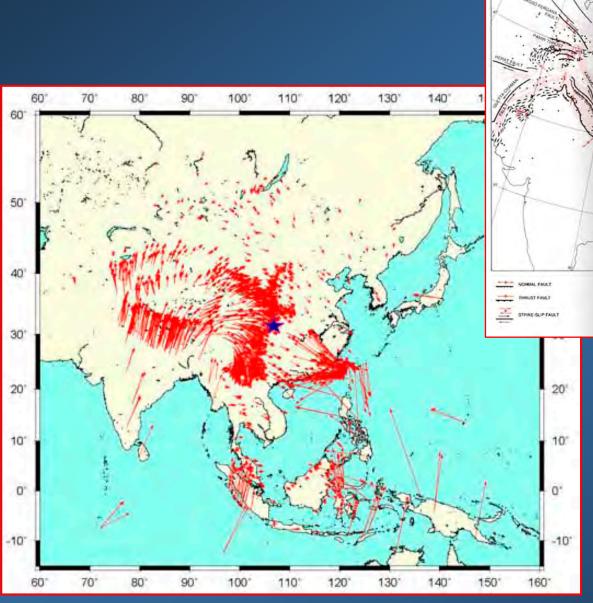


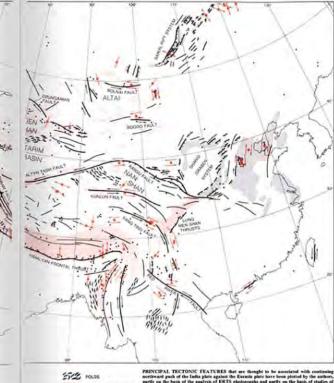






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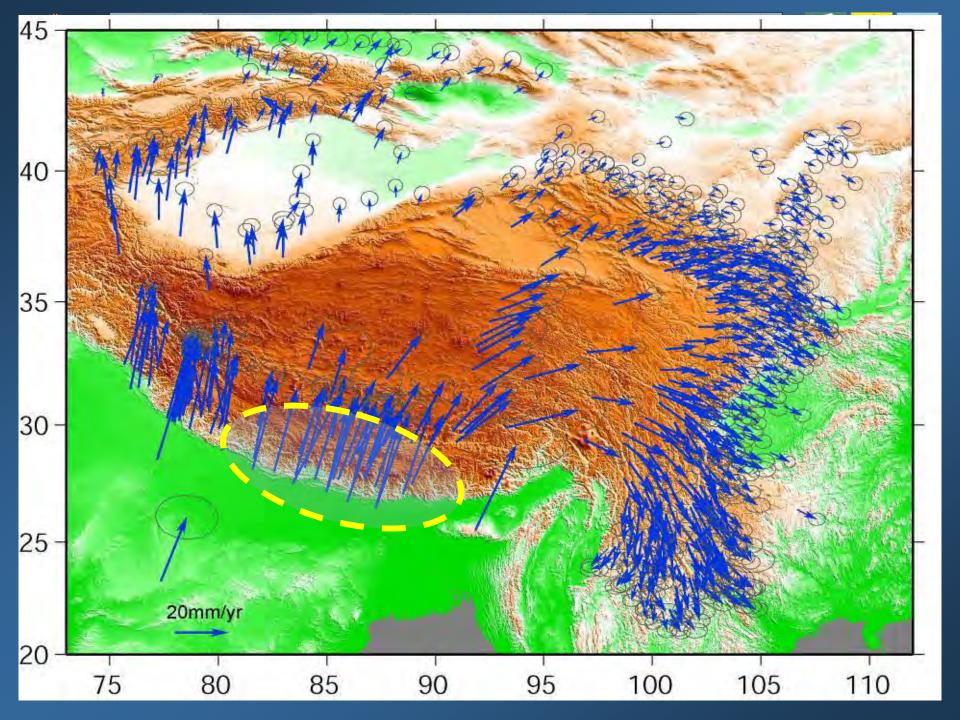


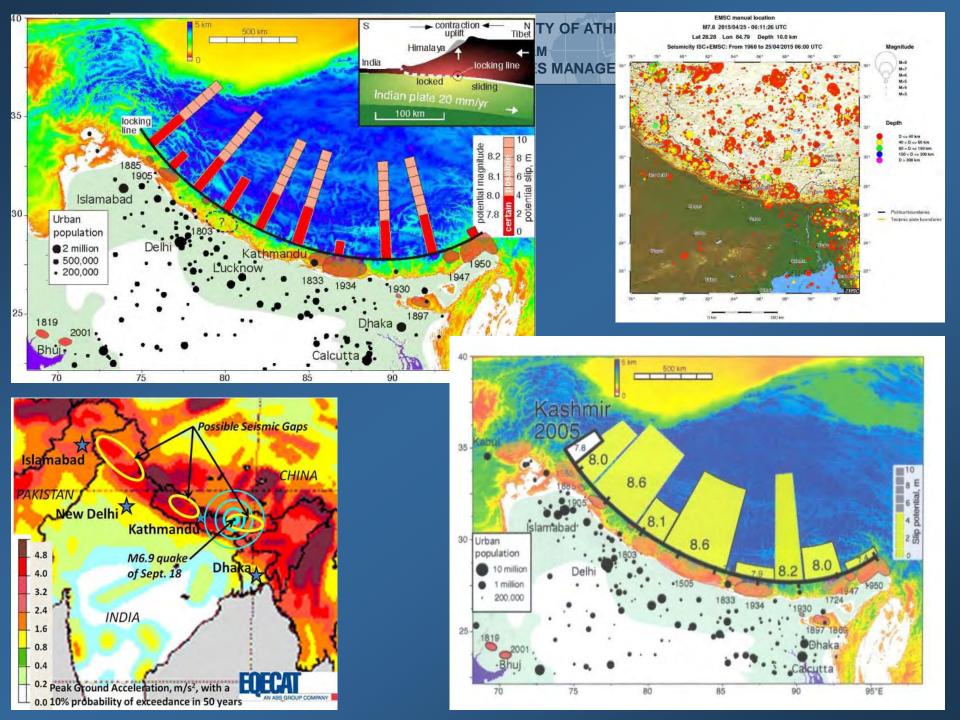
COMPRESSION ZONES
EXTENSION ZÓNES

SMALL EARTHQUAKES
LARGE EARTHQUAKES

PRINCEPAL TECTONIC TEATURES that are thought to be associated with continuent membranely under the India plate against the Eurosia pick have been principled by the authpartly on the basis of the analysis of ERTS polociogujan and partly on the basis of trottenangle earthquarts (control darks, which tereal have the creat law moved slope faults.) It rows indicate necessal faults. The pairs of antiquartied arraws indicate nor worst along risk sight paties. The areas in color-appear to the cross of reverse sight resulting from constal about ing. The overall impression is that the large Eurosians had man that less to the worst of large sensit toggishing the remained more or less sufference and Calaba has been pushed to or green and toggished the remained more or less sufference as China has been pushed to or

- 3

























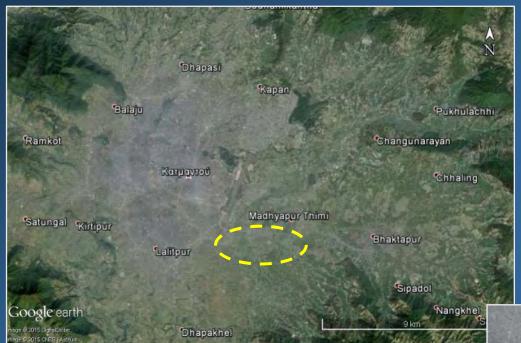














































































































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**ENVIRONMENTAL, DISASTER AND CRISES MANAGEMENT** 







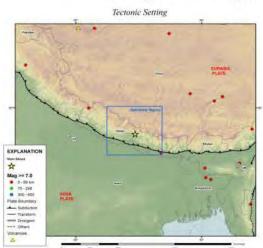


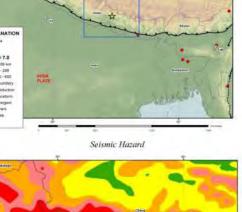


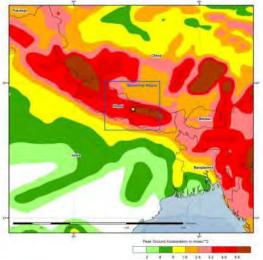
# **≥USGS**

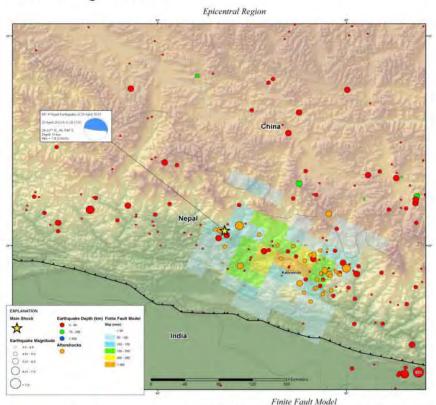
U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY

# M7.8 Nepal Earthquake of 25 April 2015





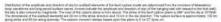


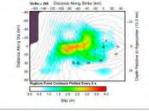


#### Tectonic Summary

The April 25, 2015 M.7.8 Nepal earthquate occurred as the result of thrust fauting on or near the main frontal finual between the subducting Insia plate and the overriding Eurasia plate to the onth. At the location of the anthrusker, approximately 80 km is the northwest of the Nepalese capatal of Astimismuto, the India plate a converging with Eurasia at as all of 45 many towards the north-northeast driving the uptil of the Heradaya mountain range. The perimary posture, size and local intendition of the April 25 earthquate are considered with 46 occurrence on the main subduction thrust interface between the total and Eurasia plate plate.

Although a major plate boundary with a history of large-to-great sized sattinguities, large earthquakes on the Hirmaliyan thrust are are in their earthquakes with the plat actinuty. One, a M. 6.9 earthquake over the past cartury, One, a M. 6.9 earthquake over the past cartury, One, a M. 6.9 earthquake over the past cartury, One, a M. 6.9 earthquake over the past cartury, One, a M. 6.9 earthquake in August 1989, 240 km to the southwast of the Agri 25 event. Secured close to 1500 flataties. The largest and 16.2 over this rows as the 1934 hepel-Blurz earthquake, occurred in a strillar location to the 1986 event silventer plant of the security damaged Asthriansia, and is hought to have caused account (0.90).







#### PAGER



#### DYF1?







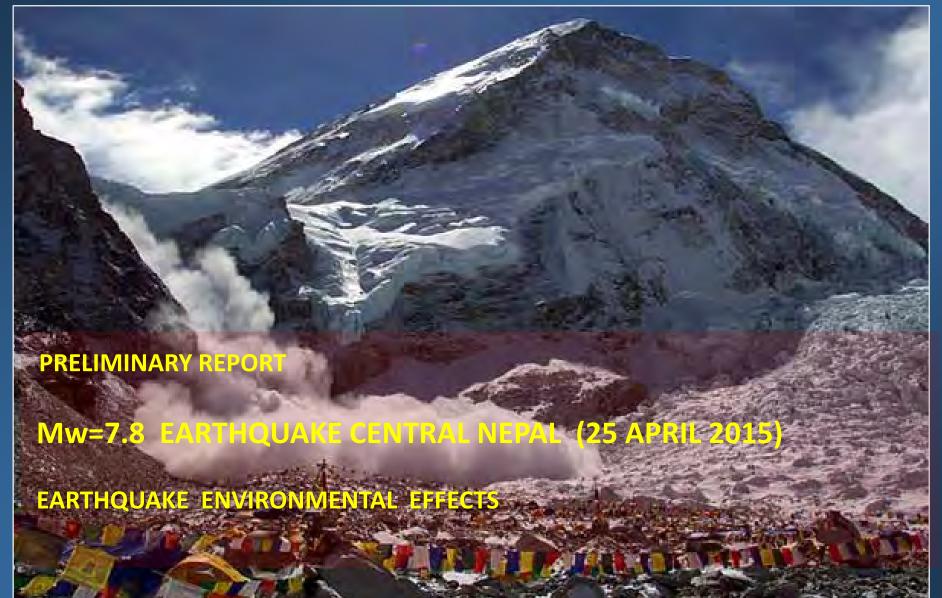
















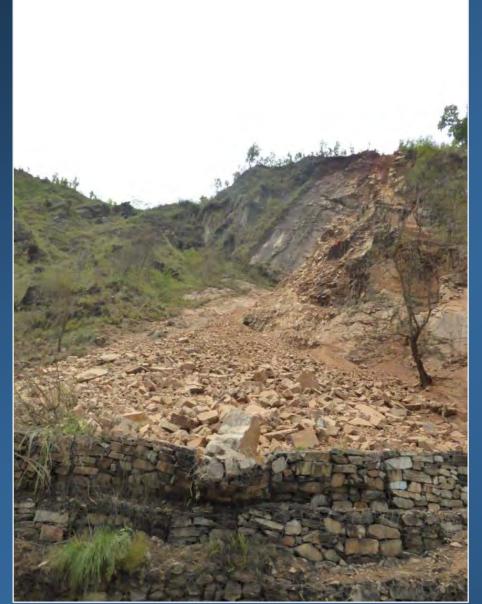




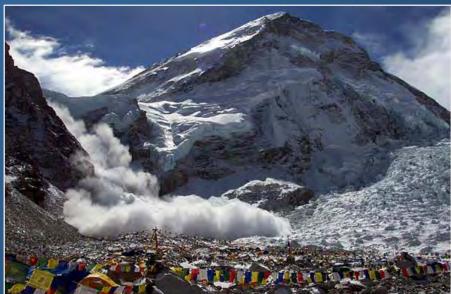








































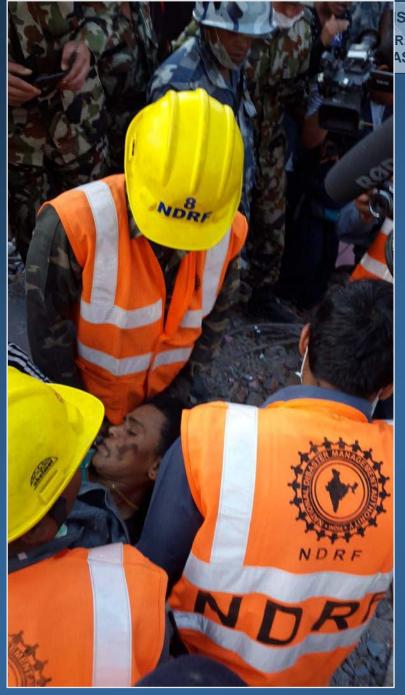
































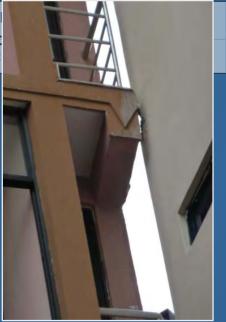














































































































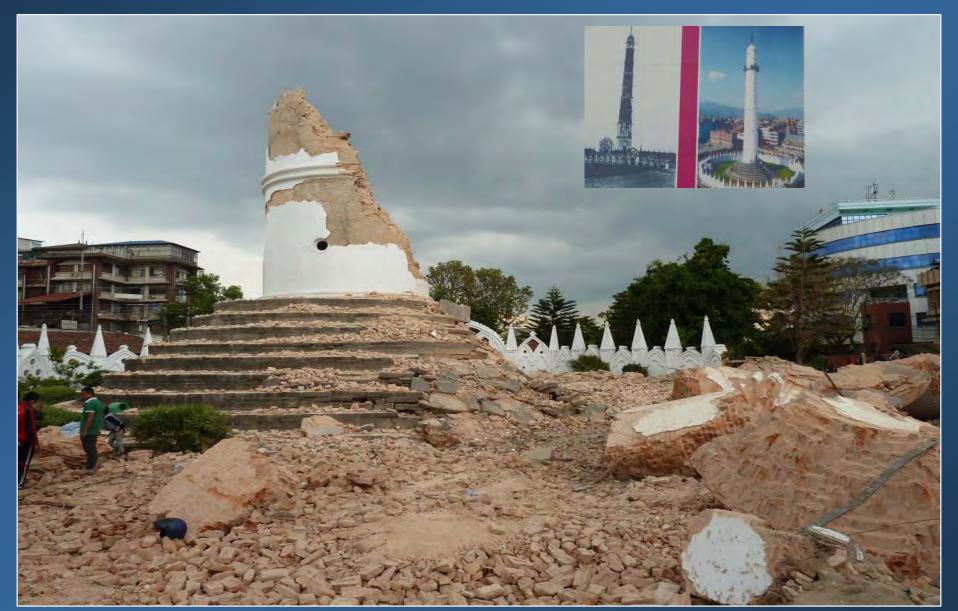






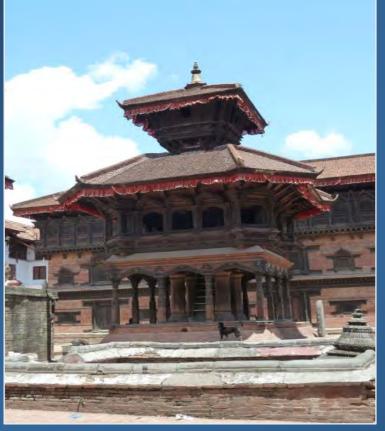


















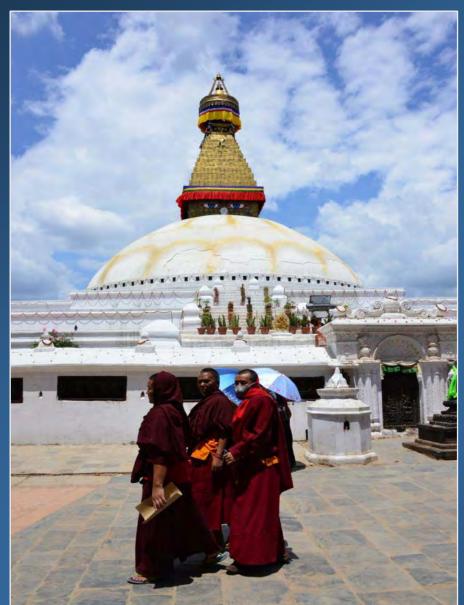




























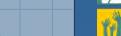




























































































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