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Earthquake Spectra Special Issue on the Nepal Earthquake

EERI is developing a special issue of *Earthquake Spectra* on the April 2015 Gorkha earthquake in Nepal, to be published in 2017. It will be interdisciplinary in content, with a cohesive narrative thread tying the entire publication together. The editorial team (Bret Lizundia, Rachel Davidson, Youssef Hashash, and Rob Olshansky) is seeking potential authors. Possible topics are listed below, with asterisked items being of particular interest. If you have expertise and interest, please submit a one-paragraph abstract, as well as the names of authors and their contact info, to Juliane Lane at juliane@eeri.org by **August 8, 2016.** Initial drafts of papers will be due in the fall. When appropriate, the editorial team will seek to identify possible collaborations that could improve the contributions.

- Seismology
  - Tectonic setting
  - Regional seismicity and historic earthquakes
  - Foreshocks, main shock, and aftershocks
- Ground Motion
  - *Analysis of recorded motions, including large long-period response in selected records
  - *Basin, topographic, and directivity effects
  - Damage near strong motion stations
  - Seismic zonation and hazard mapping revisions
- Geotechnical Issues
  - *Slope stability and landslides
  - *Safe distances for communities threatened by landslides
  - Liquefaction
  - Foundation and retaining wall performance
- Lifelines
  - *Electricity, dams, and hydropower
  - Water supply and sewerage
  - Telecommunications
  - Transportation
  - Interdisciplinary effects
- Building Performance
  - *Building codes and building practice
  - *School retrofit performance
  - *The impact of slope on building damage
  - Performance of reinforced concrete frame buildings with masonry infill
  - Performance of URM bearing wall buildings
  - Hospital performance
  - Remote sensing studies
  - Case studies of specific buildings
- Nonstructural Hazards
- Cultural Heritage
  - *Case studies in performance of heritage structures
  - *Case studies in rebuilding/retrofitting of heritage structures
- Emergency Response
  - *Post-earthquake safety evaluation
  - Emergency preparedness and response
  - Demolitions, barricades, and shoring
  - Evaluation of the relief aid process
- Social, Cultural, and Psychological Impacts
  - *Mental health issues
  - *Caste issues
- Economic Impacts
  - *Non-government involvement in earthquake preparedness, response, and recovery
  - *The importance of remittances to the Nepal economy and how it changed following the earthquake
- Recovery, Rebuilding, and Resilience
  - *Case studies of different communities
  - *Recent political history in Nepal before and after the earthquakes, including passage of a constitution and its interrelationship with the earthquake
- Other Topics Not Listed

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