



## Haresh Shah

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### Bio

#### ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Civil and Environmental Engineering

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### Publications

#### PUBLICATIONS

- **Evolution of seismic risk management for insurance over the past 30 years** *EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION*  
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- **Catastrophe Risk Management in Developing Countries and the Last Mile** *International Conference on the 250th Anniversary of the 1755 Lisbon Earthquake*  
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- **The last mile: earthquake risk mitigation assistance in developing countries** *Discussion Meeting on Extreme Natural Hazards*  
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- **Urban earthquake disaster risk assessment and management** *1st International Workshop on Vrancea Earthquakes*  
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- **Engineering role in failure cost evaluation for buildings** *Asian-Pacific Symposium on Structural Reliability and Its Applications (APSSRA95)*  
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- **A rational approach to pricing of catastrophe insurance** *Conference on the Social Treatment of Catastrophic Risk*

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- **WSSI - A dream, a challenge, and a time for action** *10th European Conference on Earthquake Engineering*  
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  - **APPLICATION OF THE BOOTSTRAP METHOD TO QUANTIFY UNCERTAINTY IN SEISMIC HAZARD ESTIMATES** *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*  
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  - **FAILURE POSSIBILITY OF EXISTING BUILDINGS** *CIVIL ENGINEERING SYSTEMS*  
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  - **VERTEX METHOD FOR COMPUTING FUNCTIONS OF FUZZY VARIABLES** *FUZZY SETS AND SYSTEMS*  
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1987; 24 (1): 65-78
  - **IRAS - AN EXPERT SYSTEM FOR EARTHQUAKE INSURANCE AND INVESTMENT RISK ASSESSMENT** *US-ASIA CONF ON ENGINEERING FOR MITIGATING NATURAL HAZARDS DAMAGE*  
Shah, H. C., Wong, F. S., Dong, W.  
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  - **USE OF MAXIMUM-ENTROPY PRINCIPLE IN EARTHQUAKE RECURRENCE RELATIONSHIPS** *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*  
Dong, W. M., BAO, A. B., Shah, H. C.  
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  - **THE PURPOSE AND EFFECTS OF EARTHQUAKE CODES** *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*  
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  - **PROBABILISTIC SITE-DEPENDENT RESPONSE SPECTRA** *JOURNAL OF THE STRUCTURAL DIVISION-ASCE*  
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  - **NONSTATIONARY RISK MODEL WITH GEOPHYSICAL INPUT** *JOURNAL OF THE STRUCTURAL DIVISION-ASCE*  
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  - **TANGSHAN REBUILDS AFTER MAMMOTH EARTHQUAKE** *CIVIL ENGINEERING*  
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