



Haresh Shah

Obayashi Professor in the School of Engineering, Emeritus
Civil and Environmental Engineering

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Civil and Environmental Engineering

Publications

PUBLICATIONS

- **Evolution of seismic risk management for insurance over the past 30 years** *EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION*
Shah, H. C., Dong, W., Stojanovski, P., Chen, A.
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- **Catastrophe Micro-Insurance for Those at the Bottom of the Pyramid: Bridging the Last Mile** *14th European Conference on Earthquake Engineering (14ECEE)*
Shah, H. C.
SPRINGER.2010: 549–561
- **Catastrophe Risk Management in Developing Countries and the Last Mile** *International Conference on the 250th Anniversary of the 1755 Lisbon Earthquake*
Shah, H. C.
SPRINGER.2009: 111–120
- **The last mile: earthquake risk mitigation assistance in developing countries** *Discussion Meeting on Extreme Natural Hazards*
Shah, H. C.
ROYAL SOC.2006: 2183–89
- **Urban earthquake disaster risk assessment and management** *1st International Workshop on Vrancea Earthquakes*
Davidson, R. A., Gupta, A., Kakhandiki, A., Shah, H. C.
SPRINGER.1999: 287–307
- **Understanding time variation of risk - Crucial implications for megacities worldwide** *APPLIED GEOGRAPHY*
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- **The strategy effectiveness chart - A tool for evaluating earthquake disaster mitigation strategies** *APPLIED GEOGRAPHY*
Gupta, A., Shah, H. C.
1998; 18 (1): 55-67
- **Engineering role in failure cost evaluation for buildings** *Asian-Pacific Symposium on Structural Reliability and Its Applications (APSSRA95)*
Kanda, J., Shah, H.
ELSEVIER SCIENCE BV.1997: 79–90
- **A rational approach to pricing of catastrophe insurance** *Conference on the Social Treatment of Catastrophic Risk*
Dong, W. M., Shah, H., Wong, F.

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- **WSSI - A dream, a challenge, and a time for action** *10th European Conference on Earthquake Engineering*
Shah, H. C., Katayama, T.
A A BALKEMA PUBLISHERS.1995: 3-10
- **APPLICATION OF THE BOOTSTRAP METHOD TO QUANTIFY UNCERTAINTY IN SEISMIC HAZARD ESTIMATES** *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*
Lamarre, M., TOWNSHEND, B., Shah, H. C.
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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*
Dong, W. M., Shah, H. C.
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- **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.
1984; 74 (2): 725-737
- **THE PURPOSE AND EFFECTS OF EARTHQUAKE CODES** *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*
ZSUTTY, T. C., Shah, H. C.
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- **A TECHNICAL NOTE ON PGA-INTENSITY RELATIONS WITH APPLICATIONS TO DAMAGE ESTIMATION** *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*
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- **TANGSHAN REBUILDS AFTER MAMMOTH EARTHQUAKE** *CIVIL ENGINEERING*
GERE, J. M., Shah, H. C.
1980; 50 (12): 47-52
- **DETERMINING STRONG-MOTION DURATION OF EARTHQUAKES** *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*
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