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.
  2018; 17 (1): 11–18
- Catastrophe Micro-Insurance for Those at the Bottom of the Pyramid: Bridging the Last Mile 14th European Conference on Earthquake Engineering (14ECCE)
  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
  SPRINGER.1999: 287–307
- Understanding time variation of risk - Crucial implications for megacities worldwide APPLIED GEOGRAPHY
  Kakhndiki, A., Shah, H.
- The strategy effectiveness chart - A tool for evaluating earthquake disaster mitigation strategies APPLIED GEOGRAPHY
  Gupta, A., Shah, H. C.
- 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.
KLUWER ACADEMIC PUBL.1996: 201–18

- **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.
  1992; 82 (1): 104-119

- **FAILURE POSSIBILITY OF EXISTING BUILDINGS** CIVIL ENGINEERING SYSTEMS
  Dong, W., Chiang, W. L., Shah, H. C., Wong, F. S.
  1989; 6 (4): 170-179

- **VERTEX METHOD FOR COMPUTING FUNCTIONS OF FUZZY VARIABLES** FUZZY SETS AND SYSTEMS
  Dong, W. M., Shah, H. C.
  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.
  ASIAN INST TECHNOLOGY.1987: SS1–SS11

- **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.
  1981; 71 (2): 507-516

- **A TECHNICAL NOTE ON PGA-INTENSITY RELATIONS WITH APPLICATIONS TO DAMAGE ESTIMATION** BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA
  MCCANN, M. W., Sauter, F., Shah, H. C.
  1980; 70 (2): 631-637

- **PROBABLISTIC SITE-DEPENDENT RESPONSE SPECTRA** JOURNAL OF THE STRUCTURAL DIVISION-ASCE
  Kiremidjian, A. S., Shah, H. C.
  1980; 106 (1): 69-86

- **NONSTATIONARY RISK MODEL WITH GEOPHYSICAL INPUT** JOURNAL OF THE STRUCTURAL DIVISION-ASCE
  SAVY, J. B., Shah, H. C., BOORE, D.
  1980; 106 (1): 145-163

- **PUBLIC-POLICY ISSUES - EARTHQUAKE ENGINEERING** BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA
  Pate, M. E., Shah, H. C.

- **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
  MCCANN, M. W., Shah, H. C.
  1979; 69 (4): 1253-1265

- **PUBLIC-POLICY ISSUES - EARTHQUAKE PREDICTION** BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA
  Pate, M. E., Shah, H. C.
  1979; 69 (5): 1533-1547
• **BAYESIAN MODEL FOR SEISMIC HAZARD MAPPING** *Bulletin of the Seismological Society of America*
  MORTGAT, C. P., Shah, H. C.
  1979; 69 (4): 1237-1251

• **PROBABILISTIC BASIS FOR ACI CODE** *Journal of the American Concrete Institute*
  Shah, H. C., Sexsmith, R. G.
  1977; 74 (12): 610-611