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 (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*
  SPRINGER.1999: 287–307

- Understanding time variation of risk - Crucial implications for megacities worldwide *Applied Geography*
  Kakhandiki, 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.
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

PROBABILISTIC 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