



Hazard and Risk Management Consultants

About HAZARD and RISK MANAGEMENT Consultants

PROFILE:

HAZARD and RISK MANAGEMENT Consultants (HRM-C) is an advance consulting firm establish in June 2008 by a group of experts in the field of hazard and Risk in order to answer to the growing demand for disaster risk assessment and management, offering services for the management of insurance catastrophe risk associated with earthquakes, flood, and drought in the middle East with the main office in UK and representative office in United Arab Emirates-Dubai.

MISSION:

Mitigation of the effect of natural hazards as a crucial criterion for sustainable development requires reliable hazard and risk assessment in order to offer most affordable and effective solution for minimizing the loss of life, property damage, and social and economic disruption.

HRM-C provide and offer products, services, expertise, consultancy, engineering and technology-based analysis and solution for the all type of: environmental, natural (earthquakes, flood, drought, windstorms, etc.) and man-made hazard modeling and assessment; hazard zonation and mapping; geophysical investigation, geotechnical zonation, vulnerability analysis, strengthening design of structures, disaster risk evaluation and mapping; risk management development; innovative risk transfer, risk reduction policy; socio-economic studies, human and economic loss estimation, practical loss-control measures, catastrophic risk insurance, public awareness programming; and solutions for risk reduction in buildings, lifelines, infrastructures, industry, oil-chemical facilities, offshore structures and urban system. Also to help decision-makers to implement comprehensive and integrated risk reduction program for their systems and organizations in order to achieve sustainable development and growth.

HRM-C risk and technology consulting services provide private and public and insurance companies with reliable answer and customized solutions and expanded consulting resources to meet their specific business objectives and needs.

HRMC Expertise

HRM brings together a unique, multidisciplinary team of international experts to provide solutions and services for its clients' natural hazard mapping and assessments, as well as financial risk management challenges. We are the technical leader in our region, with experts' scientist, engineers and scientists devoted to the development of risk models. Areas of expertise and experiences are:

HRM Consultants
Registration No.6629002; 24 June 2008

HRM UK Headquarter

89 Chiltern Road; Sutton

Surrey, England

Tel.: (+44) 20 8642 3349; Fax: 8642 4909

HRM UAE-Dubai

P.O. Box 36809

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Tel: +971-4-2833354; Fax: 2833357



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- Natural hazard analysis and mapping
- Design and operation of seismic and strong motion network for hazard mapping
- Geotechnical hazard analysis and geotechnical microzonation
- Vulnerability analysis of buildings and lifelines systems
- Vulnerability analysis of industrial, oil, petro-chemical and power plant facilities
- Total risk modelling, analysis and mapping
- Human loss estimation
- Direct and in-direct human and economic loss estimation due to hazard
- Urban area quick loss assessment using geospatial technologies
- Risk reduction policy and management development and planning
- Post disaster reconstruction planning and design

HRMC Management Team

Professor Mohsen Ghafory-Ashtiany, *President and CEO*

Mohsen Ghafory-Ashtiany, distinguished professor of earthquake engineering and risk management at International Institute of Earthquake Engineering and seismology (IIEES) which was founded by him in 1989, is Chief Editor of JSEE and IDRiM Journals; author of more than 140 papers and 3 books in the field of earthquake engineering, seismic hazard and risk analysis, risk management and planning. Ashtiany is the Director and member of the Executive committee of International Association of Earthquake engineering (IAEE), Chairman of Earthquake Hazard, Risk and Strong Ground Motion Commission of IASPEI, member of UN-ISDR Scientific and Technical commission, Director and member of board of World Seismic Safety Initiative, member of Global Earthquake Risk Model Project; Member of Geo-Hazard Initiative, Member of GSHAP, Member of Global Risk Forum-Davos, and many other scientific communities. Ashtiany was born in Tehran, Iran in 1957 and graduated from Va. Tech (USA) in 1983 with honor, and is resident of US.

Professor Mohammad Mokhtari; *Director of Dubai Office*

Mohammad Mokhtari obtained his MS from Southampton university, UK and PhD degree from Bergen university, Norway and has long experiences both in earthquake risk reduction and Tsunami. He has served as Director of Seismology Research Center at IIEES, where he established the National Broad Seismic Monitoring Network (INSN) as well as many dense temporary networks for deep crustal studies. Mokhtari has established the National Center for Earthquake Prediction and is member of Center of Excellence for Risk Management. He is author of 70 papers and 4 books. He is Board member of International Society of Earthquake Precursor (ISEP); Board member of WDR 2009 report on Early Warning System; Board Member of Geophysical Society of Iran, Member of working group 1 and 3 on Indian Ocean Tsunami Early Warning System and many scientific communities. He was born in Nieshabour, Iran in 1953, and presently is citizen of Norway.

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