Syed E. Hasan

PROFESSIONAL EXPERIENCE

University of Missouri-Kansas City, 1979- present

1996-present Director, Center for Applied Environmental Research, Department of Geosciences

2005-2008 Chair, Department of Geosciences, UMKC

2003-present Program Director, Graduate Certificate in Waste Management

1998-present Professor of Geology.

EDUCATION

1978 Ph.D: Engineering and Environmental Geology, Purdue University

1963 M.Sc: Applied geology, Roorkee University (now IIT), India

1960 B.Sc: Geology (Honors), Physics and Chemistry, Patna University, India.

SELECTED PUBLICATIONS

Hasan, S.E; 2009, "Assessment of Environmental Risk from Industrial Waste," *Proceedings*, The Second Gulf Conference & Exhibition on Environment and Sustainability, Kuwait, Feb. 2009.

Dawit, Tecle; Jejung Lee, and **Syed Hasan**, 2008, "Quantitative analysis of physical and geotechnical factors affecting methane emission in municipal solid waste landfill" *Environmental Geology Online*, 7 Feb. 2008, http://www.springerlink.com/content/6wr25vh85074518g/fulltext.pdf, DOI 10.1007/s00254-008-1214-3

Hasan, S.E; 2007, "International Practice in High Level Nuclear Waste Management," in Sarkar, Datta, and Hannigan (eds.) *Concepts and Applications in Environmental Geochemistry*, Developments in Environmental Science 5, Elsevier, p. 57-77

Shaqour, F. and **Hasan, S.E**; 2007, "Groundwater Control for Construction Purposes: A Case Study from Kuwait." *Environmental Geology Online* http://dx.doi.org/10.1007/s00254-007-0768-9, and print edition.

Hasan, S.E; 2006, "Changing Nature of Waste: Pharmaceuticals and Personal Care Products." *Proceedings*, 4th Euro-Arab Environment Conference & Exhibition 2006, Vol. I, p. 45-54.

Hasan, S.E; 2004, "Public Awareness is Key to Successful Waste Management," *Jr. Envt'l. Sci. & Health*, vol. A39, no. 2, pp. 483-492.

Hasan, S.E; 2002, "Engineering Geology, Environmental Geology and Mineral Economics" *Knowledge for Sustainable Development: An Insight into the Encyclopedia of Life Support Systems*, Volume II: Oxford, U.K; EOLSS Publishers Co. Ltd., pp. 883-895.

SELECTED SYNERGISTIC ACTIVITIES

- Registered Geologist in Missouri, License # 0786
- Member Editorial Board, *Environmental and Engineering Geoscience*, a joint publication of the Geological Society of America and the Association of Environmental and Engineering Geologists (2007-current)
- First Vice-chair, Geology & Health Division, Geological Society of America (2009-2010)
- Head, Directorate of Advancement of Sustainable Global Collaborative Science and Technology, Council for Frontiers of Knowledge, Kampala, Uganda (2009-)
- Chair, Engineering Geology Division, Geological Society of America (2007-2008)
- Chair, Environmental Characterization and Remediation Technical Working Group, Association of Environmental and Engineering Geologists (2007-current)
- National Public Radio, *Science Friday Show* (a highly acclaimed show, broadcast live from 150 radio stations in the U.S. and Europe), September 29, 2000: Underground space development in Kansas City.