

Announcements

Certificate Program in Hazardous Materials Management, University of California, Davis Extension, Davis, CA, U.S.A.

Four 30-hour courses will be offered this fall:

Quantitative Analysis and Practical Laboratory Techniques, September 14-15 and 28-29.

This course will examine the advantages, disadvantages, and capabilities of various techniques for evaluating hazardous materials. It will also focus on how to interpret data from analytical processes.

Groundwater Hydrology. Monitoring, Protection and Cleanup, September 24-25 and October 8-9.

Water quality monitoring techniques, sampling methods, drilling technologies, containment procedures for groundwater, and theoretical and practical geological modeling will be explored in this class. The course also includes discussion of groundwater hydrology, interpretation of data, fate of pollutants in groundwater, regulatory requirements, and a variety of clean-up practices.

Principles of Hazardous Materials Management, October 12-13 and November 9-10.

This introductory course presents an overview of hazardous materials management principles. Topics include definitions of toxic and hazardous substances and wastes; types, sources, storage and treatment patterns; transportation; regulatory jurisdictions; emergency response planning; water and air quality issues; and basic management practices.

Emergency Preparedness, Response and Planning, October 25-26 and November 15-16.

Appropriate for facilities engineers, risk managers and others in supervisory roles, this course presents techniques for in-house and on-site emergency response contingency planning.

For more information call (916) 752-6021.

5th National Conference and Exhibition on Management of Uncontrolled Hazardous Waste Sites, Washington, DC, November 7-9, 1984

This conference, which is organized by the Hazardous Materials Control Research Institute, will present the most up-to-date information available for the assessment and correction of dangerous waste sites affecting public health and the environment. Presentations will include site investigation, remedial response, personnel safety, offsite safety, sampling and monitoring, cost analyses, geohydrology, barriers, treatment, ultimate disposal, research and development, off-shore incineration/monitoring, risk assessment/decision analysis, case histories, state programs, a legal session, and a two-day international activities session. With the increased emphasis on site remediation, special emphasis this year will be on practical methods that are being

and have been used.

The sponsoring groups include: HMCRI; U.S. EPA; U.S. Corps of Engineers; U.S. Geological Survey; American Society of Civil Engineers; Office of Technology Assessment; Federal Emergency Management Agency; and the Association of State and Territorial Solid Waste Management Officials.

To receive the agenda/announcement, or for additional information, call Conference Registrar, (301) 587-9390, or write HMCRI, 9300 Columbia Boulevard, Silver Spring, MD 20910, U.S.A.

Symposium on Heavy Gases and Risk Analysis, Bonn, F.R.G., November 12-13, 1984

In continuation of the Symposium on Heavy Gases in May 1982, a new symposium on Heavy Gases and Risk Analysis will be organized at the Wissenschaftszentrum Bonn by Battelle and the University Wuppertal.

New findings in the field of heavy gas physics and the associated risk analysis will be presented and discussed. The symposium covers the following subjects:

- modelling of — release and evaporation
— dispersion and physico-chemical reaction of heavy gases
- explosion behaviour of heavy gases
- experiments in the above-identified areas
- problems of toxicology
- safety, risk and consequence analysis, both as basic problems and in connection with heavy gases

Inquiries and applications should be addressed to Prof. Dr. Hartwig, Fachbereich Sicherheitstechnik, Bergische Universität Wuppertal, Postfach 100127, Gausstr. 20, 5600 Wuppertal 1, F.R.G.

International Conference on New Frontiers for Hazardous Waste Management, Pittsburgh, PA, U.S.A., September 15-18, 1985 — Call for Papers

The objective of this international conference is to share concepts of the future of hazardous waste management and to facilitate a synergism of ideas for new technology from researchers, generators, and disposers in the U.S. and abroad.

The U.S. Environmental Protection Agency and NUS Corporation are co-sponsors for the meeting.

Papers will be considered in subject areas related to advancements in hazardous waste investigations, treatment, and disposal. Specific areas of emphasis include land disposal, industrial process improvements, thermal destruction technology, waste stabilization, waste immobilization, detoxification techniques and ultimate disposal. Papers from all countries are being solicited. Abstracts not exceeding 1000 words must be submitted by October 15, 1984, to Dr. Raul Deju, Conference Chairman, NUS Corporation, Park West Two, Cliff Mine Road, Pittsburgh, PA 15275, U.S.A. The official language of the conference is English.