

## Announcements

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### Solid and Hazardous Waste Educational Courses

*Modeling Pollutant Movement in Groundwater — featuring IBM personal computer use*, March 30–April 3, 1987. Modeling Pollutant Movement in Groundwater is a comprehensive short course for practicing professionals. Participants will learn modeling techniques and the hydrogeologic, chemical and mathematical principles governing the movement, mixing and reactions of contaminants. Emphasis will be on the capabilities and limitations of models to predict the behavior of contaminants in the subsurface.

Participation in this short course will be of special value to hydrogeologists, engineers, soil scientists, and other specialists who are involved in design, operation and performance evaluation of solid and hazardous waste disposal facilities, industrial and municipal wastewater land application/disposal systems, sludge spreading operations and other types of application/disposal systems.

Personal computers will be available for participant use each day. Models will range from simple analytical to complex three-dimensional models.

*Subsurface Monitoring Technology*, April 6–8, 1987. This intensive course will emphasize enforcement of RCRA groundwater monitoring requirements. Topics will range from basic hydrogeology to a practical drilling demonstration. The course will be of interest to engineers, geologists, soil scientists, agency staff and technically trained managers who are concerned with groundwater and related monitoring problems.

For further information please contact Philip R. O'Leary, Assistant Professor, Department of Engineering Professional Development, University of Wisconsin—Madison, 432 N. Lake Street, Madison, WI 53706, U.S.A.; telephone: (608) 262-0493.

### Courses in Hazardous Materials Management

*Women, Reproduction and Hazardous Substance Exposure*, April 4, 1987. This class, designed for anyone interested in the effects of hazardous substance exposure on reproductive outcome, explores the relationships between hazardous substance exposure (occupational, household and community) and women's reproductive capabilities.

*Modeling Groundwater Pollutants on the IBM-PC*, April 6–9, 1987. This course familiarizes participants with the use of flow and mass transport models to solve groundwater problems involving hazardous materials.

*The Occupational Health Effects of Pesticides in California*, April 7, 1987. This seminar will review new findings on the potential hazards of pesticide residue exposure among California agricultural workers.

*New Hazardous Substances Regulation and Practical Approaches to Com-*