

1. The past and present relationships between the urban environment and the quality of life;
2. The role of local government in monitoring, managing, and improving, local environments: the European experience;
3. Environmental awareness-raising and understanding: case-studies;
4. The responsibility of industry towards the environment; and
5. European legislation and its various interpretations and enforcement.

Further details may be obtained from:

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### Important Prospect

INTERNATIONAL CONFERENCE ON NUCLEAR WASTE MANAGEMENT AND ENVIRONMENTAL REMEDIATION, TO BE HELD IN PRAGUE, CZECHOSLOVAKIA, DURING 5–11 SEPTEMBER 1993

This Conference will be the 4th in the series of biennial international conferences on nuclear waste management sponsored by the Nuclear Engineering Division of the American Society of Mechanical Engineers, in cooperation with the IAEA, OECD/NEA, and EC. The Conference is a global event, regularly attracting attendance from over thirty countries and all five normally-inhabited continents.

The primary objectives of the Conference are:

- To enhance exchange of scientific and engineering solutions to radioactive waste management and environmental issues faced by the international nuclear community.
- To offer an opportunity for fostering cooperation and establishing contacts between East European countries and countries with mature nuclear programmes.

The programme will cover a broad spectrum of topics in the following areas:

- 1) Low- and intermediate-level waste management;
- 2) High-level waste management;
- 3) Spent fuel management; and
- 4) Environmental remediation.

The focus of the Conference will be on remediation of the nuclear facilities and sites contaminated by radioactive releases from events and activities such as accidents, uranium mining, and direct disposal of waste to the environment. The contaminants include a number of radionuclides that are frequently in close association with a variety of hazardous chemicals, including both organic compounds and heavy-metals. Relative to conventional nuclear waste management, new technologies, management approaches, and standards, are needed to clean up or remediate these sites.

Further information as well as registration forms may be obtained from the undersigned Conference General Chairman:

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### Important Prospect

INTERNATIONAL CONFERENCE ON MOUNTAIN ENVIRONMENTS IN CHANGING CLIMATES, TO BE HELD IN THE CONFERENCE CENTER, SITUATED 1,650 M ABOVE SEA-LEVEL IN DAVOS, SWITZERLAND, DURING 11–16 OCTOBER 1992

#### *Purpose of the Conference*

Mountain environments are characterized by fragile ecosystems that are especially sensitive to climate parameters. They are also regions of conflicting interests between economic activities — energy supply, tourism, agriculture, natural resources — and the protection of the environment and of biodiversity.

The objective of this special Davos Conference will be to bring together scientists from a variety of disciplines — climatology, hydrology, biology, ecology — to discuss various aspects of mountain environments in changing climates. A final day will be reserved for interactions between social sciences, policymakers, and natural sciences.

The conclusions could help policymakers to plan ahead for the changes which are expected to occur in mountainous regions of the globe under conditions of predicted abrupt climate change in coming decades. Along with invited speakers and oral presentations, a number of panel sessions will be organized to stimulate open discussions.

The Conference is co-sponsored by:

WMO = World Meteorological Organization;  
 AMS = American Meteorological Society;  
 SMA = Swiss Meteorological Institute;  
 WSL = Swiss Federal Institute for Forest, Snow, and Avalanche, Research;  
 BUWAL = Swiss Federal Office of Environment, Forests, and Landscape;  
 SNSF = Swiss National Science Foundation; and  
 FEC = Foundation for Environmental Conservation.

#### *Themes of the Conference*

Along with the participation of invited keynote speakers, there will be contributions in a wide range of topics; these include in particular:

- Climatology and meteorology: experimental and model studies capable of predicting atmospheric conditions in complex orography and physiography.
- Palaeoclimatology and palaeoecology: investigations of links between mountain environments and climates of the past; evaluation of the sensitivity and the reaction of plant and animal species to climate change.
- Hydrology and glaciology: a key factor in mountain environments is the response of hydrological, snow, and glacial, regimes to climate change.
- Biology, terrestrial ecosystems and eco-complexes: abrupt climate change is most likely to impact upon various sensitive species and ecosystems, including particularly the local vegetation and fauna. Studies from the past, and trial-run models, may provide some answers for the future.

The last day will be reserved for invited papers in the socio-economic and policymaking fields, followed by a general, open discussion. The fee for participation in the Conference, including the volume of Abstracts, will be Sfr 300 or US \$220 (half-rate for students).

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