

The Alfred Bog Committee is now concerned with fund-raising to pay off the loan required to make the purchase, with negotiating protection for the remainder of the Bog, and with developing a management plan. Any assistance in this project would be gratefully received.

FRANK POPE, *Chairman
Alfred Bog Committee
Ottawa Field-Naturalists' Club
Box 3264, Postal Station C
Ottawa, Ontario K1Y 4J5
Canada.*

International Institute for Environmental Studies and Disaster Management

In an attempt to improve knowledge of our environment, another Institution has been formed in the south Asian subcontinent. Stimulated in 1988 by one of the most devastating floods in recorded history, the Bangladesh Research Bureau organized an International Seminar on Bangladesh Floods: Regional and Global Environmental Perspectives, in Dhaka (Bangladesh) from 4–7 March 1989. Events and deliberations that occurred during this important meeting were guided by 35 eminent scientists and other scholars from 17 Countries, and by 182 participants from Bangladesh.

The International Seminar was inaugurated by the President of the Republic, Hussain Muhammad Ershad. In his address the President stressed the need for regional cooperation amongst the neighbouring countries in order to solve the problems caused by such natural disasters, by saying: 'Only one conclusion has emerged today—that these problems need the cooperation and integrated approach of all the countries of this region. Nowhere is interdependence more vital than [in] the rational use and management of internationally shared rivers. Shared rivers are archetypical examples of cooperation—cooperation on the basis of equity, mutual trust, and respect. The use of water from transnational rivers should not be a zero-sum game where one party's loss is the gain of the other party'.

The President also emphasized and wisely counselled the organizers on the formation of an International Centre for studying such environmental problems, by saying, 'Like all other nations, Bangladesh cannot turn a deaf ear to the cries of planet Earth. As a nation with the endless experience of environmental hazards, we would like to share and participate in activities aimed at reducing and ultimately removing those evils. I am, therefore, pleased to ponder on the creation of an International Institute of Environmental Studies in Dhaka, to continue the quest commenced today with multidisciplinary cells to carry on the research. I urge and hope that all other nations and international organizations will extend the necessary assistance to this global venture'.

After three days of intense and fruitful discussion, the scientists present issued the 'Dhaka Declaration', with deliberation on five main themes:

- 1) Permanent flood-control and management.
- 2) Floods: socio-economic and legal aspects.
- 3) Living with flood: The need for disaster management.

- 4) Geomorphological processes leading to flood.
- 5) Anthropogenic perturbations of the environment and the greenhouse effect.

Other edicts were also put forward:

1. Recommends the continuation of scientific and technological studies at both regional and global levels. These studies should be directed towards further assessment and understanding of all aspects of environmental sciences, including geochemical and geomorphological processes, climatic factors, etc.
2. Recommends that studies be conducted for developing and coordinating strategies for permanent flood-control and disaster management. These studies should incorporate channel relief, embankment construction, sediment transportation, monitoring, forecasting, an early-warning system, and rehabilitation.
3. Recommends the formulation of a legal framework, so that it would be possible to examine and apply international laws governing environmental issues and riparian relations at all levels.

The essence of the Seminar's recommendations among other things stressed the need for continuing research and environmental studies in all their ramifications, and underlined the need for global and regional cooperation for the solution of disasters such as floods, storm surges, and other calamities arising out of anthropogenic perturbations.

To achieve these objectives, and following the suggestions made by the President of the Republic, it was resolved that an International Institute for Environmental Studies and Disaster Management would be established in Dhaka.

The Institute was inaugurated on 18 May 1989, and the Board of Advisers (nominated during the International Seminar in March), made up of 18 foreign and 17 national scientists, approved the research programme at its first meeting (19 and 20 May). The new Institute is thus already in being.

ARISTEO RENZONI, *Professor & Head
Dipartimento di Biologia Ambientale
University di Siena
Via delle Cerchia 3
53100 Siena, Italy.*

The International Mussel Watch—A Prospectus

For the past decade, marine environmental scientists have been haunted by the possibility that usages of chlorinated hydrocarbon pesticides in the southern hemisphere and tropics may have increased to the extent that ecosystem damage, similar to that observed in the 1960s and 1970s in the northern hemisphere, may occur also far south of the Equator. This mood has developed on the bases of limited measurements of pesticides in ocean airs and waters as well as some published use and production data.

Further, the UNEP-WHO-Swedish National Food Study on human exposure to selected organochlorine chemicals through the amounts that have been found in human milk, indicated that populations of developing nations such as China, India, and Mexico, possessed the highest values. On the other hand, countries that have prohibited or severely restricted the usages of these biocides had mothers with almost an order of magnitude lower concentrations in their milk.