

Jan. 2005

UNESCO Natural Sciences Sector

The Natural Sciences Sector of the United Nations Educational, Scientific and Cultural Organization (UNESCO) promotes science and its applications to the management of natural resources and the protection of the environment. Its programmes stimulate and support the creation of new scientific knowledge, on one side, and help translate this knowledge into societal applications and policies at the local, national and international level, on the other. The activities encompass science policies, basic and engineering sciences, water, ecological and earth sciences, as well as the programmes of the Intergovernmental Oceanographic Commission. The issues of coastal regions and small islands are also addressed in an interdisciplinary manner. The Sector encourages partnership and cooperation while giving particular attention to the interaction among individual scientists, facilitating exchange and transfer of scientific knowledge and fostering local applications of science and technology, especially in developing countries. The study of natural hazards and the mitigation of their effects are part of the Sector's preoccupations.

Kyoto University Graduate School of Global Environmental Studies

The Graduate School of Global Environmental Studies of Kyoto University was established with the objective of constructing a new civilization concept and scientific knowledge that contribute to both a stable environment as well as the human activities that support the environment. The purpose was to develop human resources capable of adapting this concept and knowledge to the real world, in order to clarify and solve global environmental problems. The study of the global environment is still in the formative stage, and its relation to development, and disasters are yet to be established. Strategic foresight, interdisciplinary collaboration, and flexibility are vital to achieving dynamic development in the research of this field. The educational side of this field also requires sound educational content of depth that encompasses related scholastic fields as well as steady research guidance that is both socially conscious and at the forefront of its field. The school promotes multi-disciplinary action and academic research in Japan and abroad. The graduate school has unique internship program for the students to enhance pro-active field research. Master students in Environmental Management course need to complete a compulsory internship of 5 months, and Doctor students for 9-12 months in abroad.
