## Achievements

1998 – 2009 **Executive Secretary of the Intergovernmental Oceanographic Commission**, COI of UNESCO and Assistant Director-General of UNESCO. lead the development of the World Climate research program, the Global Ocean Observing System, the establishment of the Joint Commission of Oceanography and Marine Meteorology (jointly with WMO), the Coastal management programme, including the promotion of spatial planning (jointly with NOAA, and UNEP), the development of a Global Tsunami Early Warning System and the establishment by the UN General Assembly of a Regular process for the Global Assessment of the marine environment (Jointly with UNEP).

Appointed by the Director General of UNESCO as Head of the Intersectoral Platform for action on Climate Change, developed Strategy and Programme for the whole organization, including education, social and human sciences, ethics and communication. In addition of continuing with the work on Climate Science was organizing the international science programs that underpins the work of IPCC.