

**Published and edited by:**  
LOICZ International Project Office

**Illustration and Photographs**  
Front page illustration:  
Glynn Goric  
(commissioned by LOICZ/IGBP)  
Photographs:  
Juergen Weichselgartner

**Design:**  
Ellen-Barbe Goldberg

**Print:**  
GKSS-Hausdruckerei

LOICZ is a Core Project of  
IGBP and IHDP



**Mailing, Visiting and  
Delivery address:**



GKSS Research Centre  
LOICZ International Project Office  
Institute for Coastal Research  
Max-Planck-Str. 1  
21502 Geesthacht  
Germany  
Phone: +49-(0)4152/87-2009  
Fax: +49-(0)4152/87-2040

[www.loicz.org](http://www.loicz.org)



# LOICZ



## Land-Ocean Interactions in the Coastal Zone

IGBP/IHDP Core Project

### Understanding and Predicting Change in the World's Coastal Zone

# Land-Ocean Interactions in the Coastal Zone

## The main Goal of LOICZ

...is to provide the knowledge, understanding and prediction needed to allow coastal communities to assess, anticipate and respond to the interaction of global change and local pressures which determine coastal change.

LOICZ aims to provide science that contributes towards understanding the Earth system in order to inform, educate and contribute to the sustainability of the world's coastal zone. Therefore LOICZ seeks to inform the scientific community, policymakers, managers and stakeholders on the relevance of global environmental change in the coastal zone.

## LOICZ Management

LOICZ is coordinated by an International Project Office, administering the project on a day-to-day basis, and guided by a Scientific Steering Committee that oversees project development, planning and implementation. In addition, LOICZ has implemented a distributed organizational structure by establishing Regional Nodes in Singapore, China and India. These regional project offices promote and coordinate regional and local contributions to the global research, thus facilitating links and exchanges between international, national and local science and policy.

LOICZ is a Core Project of the **International Geosphere-Biosphere Programme (IGBP)** and the **International Human Dimensions Programme on Global Environmental Change (IHDP)**.

## LOICZ Outreach

LOICZ continuously produces research results and knowledge products. They are communicated and disseminated through workshops and capacity building efforts most of which result in the publication of the Reports and Studies Series. In addition, developments within LOICZ are published in the Newsletter INPRINT and multi-annual reports for general reference to activities, accomplishments and progress.

## LOICZ Research

### Scientific Themes

- I: Vulnerability of Coastal Systems and Hazards to Society
- II: Implications of Global Change for Coastal Ecosystems and Sustainable Development
- III: Human Influences on the River Basin Coastal Zone Interactions
- IV: Biogeochemical Cycles in Coastal and Shelf Waters
- V: Towards Coastal System Sustainability by Managing Land-Ocean Interactions

### Priority Topics (2006 - 2011)

- 1: Linking Social and Ecological Systems in the Coastal Zone
- 2: Assessing and Predicting Impact of Environmental Change on Coastal Ecosystems
- 3: Linking Governance and Science in Coastal Regions

### Cross-Cutting Activities

- A. Modeling and Typology
- B. Variability Analyses
- C. Capacity Building