

Call for Abstracts:

Abstracts that address one or more of the LOICZ II themes or cross-cutting activities are sought for either oral or poster presentations. Preference will be given to submissions that address integrated analyses and the linkages between natural science and human dimension science disciplines or transfer of science into a wider user community.

Please submit an abstract (500 words) to loicz.conference@nioz.nl before 28 February 2005. The abstract should include a problem statement, approach and principle outcomes. Importantly, the abstract should include a separate paragraph identifying the work to be presented against one or more of the LOICZ II themes or cross-cutting activities.

There will be a prize for the best poster.

Proceedings:

Successful authors will be invited to prepare a full paper for inclusion in the Meeting proceedings. All keynote presentations, abstracts and papers will be published on-line and on a Meeting proceedings CD. Selected contributors will be invited to submit a paper for inclusion in peer reviewed special issue journals subsequent to the Meeting.

Language:

The working language of the meeting will be English.

Participation fee:

The meeting registration fee will be 150 € (Early bird) or 200 € (Full). The organisers have arranged preferential accommodation rates at the Meeting venue.

Meeting venue and dates:

The Meeting will be held at the hotel Zuiderduin, (www.zuiderduin.nl), Egmond aan Zee, the Netherlands from 27-29 June 2005.

Support for Attendance

Limited financial support to attend the Meeting is available – see the Meeting web page for details.

Important Dates:

28 February 2005	Deadline for submission of abstracts.
14 March 2005	Notification of acceptance for oral or poster presentation.
21 March 2005	Provisional programme announcement.
31 March 2005	Deadline for Early Bird Registration.
30 April 2005	Deadline for Full Registration.
9 June 2005	Final Programme announcement.
27-29 June 2005	Open Science Conference.

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COASTS AND COASTAL PEOPLE - SCENARIOS OF CHANGE AND RESPONSES



Land-Ocean Interactions in the Coastal Zone LOICZ II Inaugural Open Science Meeting

27-29 June 2005
Egmond aan Zee, Netherlands

Setting the stage for research on global
environmental change and human
dimensions in the coastal zone.

Background to the Meeting:

The timing of the Open Science Meeting coincides with the final year of a transition period from LOICZ I to LOICZ II during which a new Science Plan & Implementation Strategy (SPIS) has been determined. This SPIS looks to carry forward and further develop the successful research outcomes from LOICZ I. The SPIS provides an ambitious platform to:

ensure the science activity of LOICZ II plays its part within the Earth System Science Partnership. This includes overcoming traditional disciplinary fragmentation, in particular between natural and human dimension sciences, to focus on the primary issues of sustainable human use of coastal systems in respect to vulnerability of coasts and risks for human uses.

The challenge for LOICZ II is to contribute to the important questions of reconciling the scales of earth system change with the needs of local decision making and management.

To achieve this, the LOICZ II SPIS is organised around 5 themes and cross-cutting activities. These are designed such that science activity is both relevant to real coastal societal issues and produces outputs that can contribute to the decision making process that coastal managers must make in arriving at sustainable solutions. These themes are:

1: Vulnerability of coastal systems and hazards to human society addressing the hazards to humans from coupled human and ecological system change, carrying capacities and vulnerability issues including the risk of degrading sustainability of coastal goods and services delivery under different scenarios of change.

2: Implications of global change for coastal ecosystems and sustainable development focusing on conflicting spatial, temporal, and

organisational issues of coastal change, land and sea use, how these exert pressures on coastal systems and influence natural resources availability and natural systems sustainability.

3: Anthropogenic influences on river basin and coastal zone interactions addressing river catchment-based drivers/pressures that influence and change the coastal domain. The whole water cascade (source to sea) is considered as a single system.

4: Biogeochemical cycles in coastal and shelf waters focusing on budgeting methodologies to describe the cycling of carbon, nutrients and sediments in coastal and shelf waters and their exchange with the ocean

5: Towards coastal system sustainability by managing land-ocean interactions providing an overarching integration cutting across the four other themes. It is expected to address the development of the coastal zone and management of its resources, thus the people using them, in the context of strong and weak sustainability options.

The themes are complemented by **Cross-cutting activities** addressing issues of the advancement of a coastal typology, data and modelling, as well as capacity building and stakeholder involvement.

Who should attend:

Anyone with an interest that addresses any one or more of the LOICZ II themes and/or cross-cutting activities is encouraged to attend the meeting.

The meeting seeks to bring together those scientists who have worked with LOICZ with a new community of human dimension and natural scientists, decision makers, managers and user groups in the coastal zone to drive the science agenda of LOICZ II. We are particularly keen to develop and promote new networks from all groups to address the science to decision making process from along the whole catchment to coast continuum.

Purpose of the Science Meeting:

The Inaugural Open Science Meeting will provide a first forum to bring together the broad scientific community to address the geographic and scientific scope of LOICZ research for the next decade. This will address a number of challenges and opportunities for the global environmental change research community:

- ❑ LOICZ requires contributions that bring together individual experiences and expertise from a diverse group of researchers from all the world's regions. The meeting will promote vital discussions along the 5 Themes and their interaction with crosscutting activities outlined in the LOICZ II Science Plan & Implementation Strategy.
- ❑ LOICZ will need to identify key questions for future LOICZ work on coastal change and human dimensions on a global, regional and local level underlying the catchment-coast continuum scale. Participants will be asked to identify society's priority coastal issues that need specific scientific attention through future research, including discussion to evaluate possible future scenarios of a changing earth system.
- ❑ A vital element in the Meeting will be to debate and recognise the application of current global research and LOICZ products, how information transfer to users can be enhanced in the future, and to determine a strategy to provide a broad support for the LOICZ II implementation.

The Meeting will include keynote speakers to review the current status of science in each Theme and look forward to the future challenges that LOICZ II should address.