



# MEDCOAST 2009

## THE NINTH INTERNATIONAL CONFERENCE ON THE MEDITERRANEAN COASTAL ENVIRONMENT

10-14 November 2009, SPA Hotel Belorussia, Sochi, Russia



Sochi State University for Tourism and Recreation

Since the first conference organised in Antalya, Turkey during 2-5 November 1993, eight events in the "Mediterranean Coastal Environment" conference series of MEDCOAST have established this series as a major international scientific and environmental meeting focusing on the management of the coastal and sea areas in general with particular emphasis to the Mediterranean and the Black Sea. The past eight conferences produced 20 volumes of proceedings, adding up to nearly 15 000 pages, and five special issues of leading coastal management journals. These meetings, together with six thematic workshops and specialty conferences, organised over a period of fifteen years, have created a steadily growing MEDCOAST family and among members, various significant collaboration initiatives have been developed.

When MEDCOAST was initiated 18 years ago, the goal was to enhance collaboration among various actors from the Mediterranean and the Black Sea countries, which would lead to products and instruments contributing to better management of the coastal and sea areas of these basins. More or less at the same time in the Mediterranean, and a few years later in the Black Sea, similar efforts were started at the governmental levels. In this very suitable environment, MEDCOAST's initial goal was highly achieved by the establishment of very productive international links under the MEDCOAST umbrella. Furthermore, the collaboration extended across two basins. MEDCOAST was one of the first channels through which Mediterranean and Black Sea problems and experiences have flown through for addressing them collaboratively.

MEDCOAST conferences always aim to achieve high levels of scientific, professional qualities and follow peer-reviewed processes for abstract selection and manuscript acceptance. At the same time, they are relaxed and enjoyable events carried out in a casual, friendly atmosphere and attractive environment. The poster sessions, which are as important as the oral sessions, form a significant part of the conference program. These sessions provide greater opportunities for mutual interaction of the participants. Conference programs often contain several thematic presentation and discussion sessions, organised jointly with sponsoring and sporting institutions.

With **MEDCOAST 2009**, the conference moves for the first time in history of the series to the shores of the Black Sea, to a very attractive town located at the foot of the Caucasus Mountains. We expect to have another successful event in the magnificent setting offered by the City of Sochi and the surroundings, enhanced by the Russian culture and hospitality. Scientists, experts, managers, planners, policy makers, administrators, resource developers, users and conservationists from the Mediterranean and the Black Sea countries, and from all corners of the world, are cordially invited to participate!

### TOPICS OF MEDCOAST 2009

#### COASTAL SYSTEMS, ECOSYSTEMS, CONSERVATION ISSUES

Physical features;  
Geography, coastal geology, geomorphology, sedimentology;  
Coastal oceanography;  
Coastal and marine ecosystems, biology and ecology;  
Mammals, problem of exotic species, invasive species;  
Conservation issues, biodiversity, endangered species,  
Coastal ecosystem management;  
Rehabilitation of damaged ecosystems;  
Protected areas, coastal and marine parks.  
Coastal landscapes;



Southern Branch, P.P.Shirshov Institute of Oceanology, RAS

#### INTEGRATED COASTAL MANAGEMENT

Integrated coastal management - theoretical framework and cases;  
Coastal management tools and instruments;  
Coastal and sea policy, integration of science and policy;  
Coastal governance, institutional arrangements for ICM;  
International efforts and programs pertinent to ICM;  
Legal, economic and social issues;  
Environmental and ecological economics, economic instruments;  
Education, public involvement & NGO role, media role;  
Evaluation of ICM impacts;  
Coastal management indicators;  
Demonstration pilot projects

#### COASTAL MANAGEMENT ISSUES

Coastal wetlands, coastal dunes, estuaries, deltas and lagoons;  
Beaches and their management;  
Coastal water resources management;  
Watershed management;  
Water quality management, water pollution, sediment pollution, land based sources of pollution, hazardous wastes, toxic organisms and harmful algal blooms, bio-indicators of pollution, pollution control, sea outfalls, waste water treatment, reuse and recycling;  
Litter, solid wastes management;  
Trans-boundary pollution issues;  
Coastal and environmental impacts, coastal degradation, environmental impact assessment (EIA) for coastal projects, Strategic Environmental Assessment (SEA);  
Environmental risk management;  
Coastal and submarine archaeology; management of ancient sites, monuments and ship wrecks;

#### SUSTAINABLE DEVELOPMENT OF COASTAL AREAS

Sustainable development concerns, indicators, sustainable development of coastal and sea resources;  
Coastal land use and planning;  
Urban development issues; waterfront renovation;  
Coastal tourism planning and management, facility siting, alternative tourism, ecotourism, recreation,  
Marine tourism, cruises, yachting, marinas;  
Living resources, fisheries, mariculture;  
Transportation issues: oil transport and pollution;  
Siting of major industrial facilities

#### COASTAL ENGINEERING, MODELLING, DECISION SUPPORT SYSTEMS AND DATA MANAGEMENT

Coastal, environmental and ecosystem modelling;  
Coastal hydrodynamics;  
Coastal sediment transport and erosion;  
Coastal processes; shoreline management and erosion control;  
Coastal engineering, ecocoastal engineering, environmentally friendly engineering;  
Water level changes;  
Climate change impacts, sea level rise and consequences;  
Monitoring of coastal environment;  
Use of remote sensing technology and geographic information systems in coastal management



# MEDCOAST 2009



10-14 November 2009, SPA Hotel Belorussia, Sochi, Russia

## CONFERENCE CO-ORGANISERS

- Sochi State University for Tourism and Recreation (SUTR)
- Southern Branch of P.P Shirshov Institute of Oceanology, Russian Academy of Sciences(SIO SB)

## CONFERENCE CHAIR

**Prof. Erdal Özhan**, Chairman of MEDCOAST,  
President, Mediterranean Coastal Foundation

## CONFERENCE CO-CHAIRS

**Prof. Galina Romanova**, Rector  
Sochi State University of Tourism and Recreation  
**Prof. Ruben Kos'yan**, Head of Coastal Unit  
Southern Branch of P.P. Shirshov Institute of Oceanology

## EXECUTIVE PROGRAM COMMITTEE

Prof. E. **Özhan** (Chair), Mediterranean Coastal Foundation  
Dr. S. **Abdalla**, ECMWF, Reading, UK  
Prof. L. **Balas**, Gazi University, Ankara, Turkey  
Dr. V. **Barale**, Joint Research Centre, Ispra, Italy  
Prof. F. **Breton**, Autonomous University of Barcelona, Spain  
Dr. B. **Divinsky**, SIO SB, Gelendzhik, Russia  
Prof. Y. **Dreyzis**, SUTR, Sochi, Russia  
Prof. M. **Flint**, SIO, Moscow, Russia  
Prof. T. **Gvarliany**, SUTR, Sochi, Russia  
Prof. I. **Kantardgi**, MSUCE, Moscow, Russia  
Prof. R. **Kos'yan**, SIO SB, Gelendzhik, Russia  
Dr. Y. **Mikhaylichenko**, Min. of Econ. Dev., Moscow, Russia  
Prof. A.T. **Williams**, Swansea Metropolitan Univ. Wales, UK

## LOCAL ORGANISING COMMITTEE

Prof. G. **Romanova** (Chair), SUTR  
Prof. R. **Kos'yan**, SIO SB  
Prof. O. **Kryzhanovskaya** (Co-Chair), SUTR  
Dr. N. **Matyushchenko**, (Co-Chair), SUTR  
Dr. L. **Beloslutzeva**, SUTR  
Dr. M. **Krylenko**, SIO SB  
Prof. K. **Makarov**, SUTR  
Dr. I. **Podymov**, SIO SB

## CONFERENCE SPONSORS AND SUPPORTERS

A large number of international, Russian and private organisations, including UNEP's Mediterranean Action Plan Coordinating Unit, Black Sea Commission Permanent Secretariat, Russian Foundation for Basic Research, the Municipality of Sochi and representatives of the private sector have been invited for sponsoring and supporting the conference. The complete list of sponsors and supporters will be listed in MEDCOAST Website and the conference program.

## POSTER SESSION

A poster competition will take place and a jury will review and evaluate all poster presentations. Best Poster Prizes will be given during the Closing Session to the winners of the competition.

## SOCIAL EVENTS

A variety of social and cultural events will be included in the program. A half-day cultural tour in the City of Sochi and a full day technical trip to the Russian Black Sea coast will be included in the conference program.

## POST-CONFERENCE TOURS

A rich choice of post-conference tours will be made available to the participants for exploring the charms of the Caucasus, the Krasnodar Region and other parts of Russia.

## PAPERS & MANUSCRIPTS

More than 350 abstracts have been proposed to MEDCOAST 09 International Conference from authors representing 41 countries. The authors of the selected abstracts should submit the final manuscript, prepared in full accordance with the instructions, by 14 September 2009, in soft copy by e-mail and also by post in a CD for inclusion in the Conference Programme and the Proceedings.

The Program Committee and the MEDCOAST Secretariat will accept or reject papers initially based on the information in the abstracts and will assign accepted papers to appropriate poster and oral sessions. The final selection of a paper for inclusion in the conference program and in the proceedings will be made on the basis of peer-reviewing the submitted manuscript.

## DEADLINE

*Manuscript submission: September 14, 2009*

*For further information, contact Conference Secretariat:*

**MEDCOAST Secretariat**  
C/o Middle East Technical University  
06531 Ankara - Turkey  
Telephone: 90 - 312 - 210 54 29  
Facsimile: 90 - 312 - 210 79 87  
E-mail: medcoast@metu.edu.tr  
Http: www.medcoast.org.tr