

**International Conference (school-seminar)  
on the Dynamics of Coastal Zone of Non-tidal Seas,  
Baltiysk (Kaliningrad Oblast), 30 June - 04 July, 2008**

***Venue of Conference***

Russia, Kaliningrad Oblast (Province), the City of Baltiysk, Scientific Station “Baltic Spit” of Russian Academy of Sciences Shirshov’s Institute of Oceanology Atlantic Branch. The station is located in the village Kosa on the Vistula Spit just near the inlet of the Vistula Lagoon. Lagoon and sea shores are in walking distance of 5-7 minutes.

***Time period:*** 30 June - 04 July, 2008

***Organizers***

Russian Foundation for Basic Researches (RFBR)

P.P.Shirshov Institute of Oceanology of Russian Academy of Sciences (IORAS)

Working Group “Sea coasts” of the Council on Problems of World Ocean of the Russian Academy of Sciences

Atlantic Branch of P.P.Shirshov Institute of Oceanology of Russian Academy of Sciences (AB IORAS)

Project CoRuNA (Coastal Russian Networking Activity) in the framework of the EU Project ENCORA

Project “Sustainable Development Indicators for South-Eastern Baltic (SDI-4-SEB)” in the framework of Neighborhood (Interreg-Tacis) Program “Lithuania, Poland and Kaliningrad Oblast (Russian Federation)”

Immanuel Kant’s State University of Russia (IKSUR)

***Scientific Committee (SC)***

Prof. Ruben Kosyan, chairman of SC - Russian coordinator of the Project CoRuNA (Coastal Russian Networking Activity) in the framework of the EU Project ENCORA, (rkosyan@hotmail.com)

Prof. Vadim Paka – Director of the Atlantic Branch of P.P.Shirshov Institute of Oceanology of Russian Academy of Sciences

Prof. Vladimir Zhmur – Russian Fund for Basic Research, Moscow University for Physics and Technology

Prof. Leonid Zhindarev –Working Group “Sea coasts” of the Council on Problems of World Ocean of the Russian Academy of Sciences, Moscow State University

Prof. Job Dromkers – ENCORA

Prof. Zbigniew Pruszek – Professor, Institute of Hydro-Engineering of Polish Academy of Sciences

Prof. Hans Kunz - Professor, Oldenburg University

Prof. Magnus Larsen - Professor, Lund University

Prof. Vladimir Gritsenko, Immanuel Kant’s State University of Russia (IKSUR)

Dr. Boris Chubarenko, vice-chairman of SC - Chairman of Local Organizing Committee, Atlantic Branch of P.P.Shirshov Institute of Oceanology of Russian Academy of Sciences

### ***Local Organizing Committee***

Dr. Boris Chubarenko, chairman - ABIORAS (chuboris@mail.ru, tel/fax +7 4012 359589)  
Dr. Vadim Boldyrev - ABIORAS  
Dr. Alexander Babakov – ABIORAS  
Dr. Vladimir Chechko – ABIORAS  
Dr. Irina Chubarenko – ABIORAS  
Dr. Valentina Bobykina – ABIORAS  
Mr. Alexey Kuleshov – ABIORAS  
Mr. Dmirii Domnin – ABIORAS  
Mrs. Viktoria Kurchenko, secretary – ABIORAS  
Mrs. Natalia Demchenko – ABIORAS  
Mrs. Tamara Zaterchuk – ABIORAS  
Dr. Marina Krylenko - SBIORAS (CORUNA)  
Mr. Vsevolod Chugaevich - IKSUR

***Working languages:*** Russian and English

### ***Important days:***

30<sup>th</sup> of April – deadline for submission of registration forms and grant applications  
10<sup>th</sup> of May – approval of participation and granting  
15<sup>th</sup> of May – invitations by participants' request  
31<sup>th</sup> of May – submission of extended abstracts  
10<sup>th</sup> of June – dissemination of invitations and final program of the conference

### ***Registration fee:***

Conference fee (200 EUR) covers preparation of conference materials; accommodation at Scientific Station "Baltic Spit" in rooms for 2-3 person (a toilet and a shower - in a corridor); barbeque (30.06.08); daily meal, coffee during breaks and buffet during poster sessions (01-03.07.08); participation in excursion including meal (04.07.08).

***Fellowships:*** A limited set of fellowships is available for young scientists (up to 35 years old) from Russia and other European countries. Applications for fellowships should be sent to Prof. Ruben Kosyan, chairman of Scientific Committee, Russian coordinator of the Project CoRuNA in the framework of the EU Project ENCORA (rkosyan@hotmail.com).

### ***Accommodation:***

Participants will be accommodated at Scientific Station "Baltic Spit " (the very conference venue) in rooms for 2-3 person (a toilet and a shower - in a corridor), located in the village Kosa on the Vistula Spit, sandy barrier peninsula between the Baltic Sea and the Visula Lagoon.

### ***Registration:***

The registration form (see enclosed below) including a short abstract of presentation, 20 lines maximum (Times New Roman, 12 p., an interval 1.15) should be sent by e-mail to Viktoria Kurchenko piwis@mail.ru with Subject 'CoastSchool 08'.

***Publication:*** Conference Proceedings with extended abstracts in English or Russian (of author's choice) will be published before the conference. Extended abstract should not exceed 5 pages for oral presentation and 3 pages for poster one (font Times New Roman, 12 p., an interval 1.15) including full name of the author (-s), places of work and contact e-mail (phone/fax). Inclusion of any illustrative material is welcome. A volume of extended abstracts will be distributed at the conference.

## **Provision agenda:**

**30.06.2008, Monday**

### ***Arrival***

Arrival of lecturers and participants during the day

18:00

Registration

19:00

Barbeque

**01.07.2008, Tuesday**

***Topic 1 «Dynamics of the coastal zone»***, Chairman – Prof. Ruben Kosyan, local coordinator – Dr. Alexander Babakov

9:00 – 9:50

Opening, presentation of Russian Fund of Basic Research (Prof. V. Zhmur) and ENCORA Project (Prof. Job Dronkers)

09:50 – 10:40

Dr. Tatyana Akivis<sup>1</sup> «Definitions and problems of marine coastal zone»

10:40 – 11:10

Coffee Break

11:10 – 12:00

Dr. Igor Leontyev<sup>1</sup> «Morphodynamics of coastal zone»

12:00 – 12:50

Prof. Ruben Kosyan<sup>2</sup> «Sediment transport in coastal zone»

12:50 – 14:30

Lunch

14:30 – 15:20

Dr.hab. Rafal Ostrowski<sup>3</sup> “Wave deformation and breaking in the coastal zone”

15:20 – 16:10

Prof. Hans Kunz<sup>4</sup> “Spatial coastal protection as tool for sustainable development of coastal zones”

16:10 – 16:40

Coffee Break

16:40 – 18:30

Poster session, topic 1 «*Dynamics of coastal zone*»

19:00

Supper

**02.07.2008, Wednesday**

***Topic 2 «Dynamics of estuaries and lagoons»*** Chairman – Prof. Gennadii Safyanov, local coordinator – Dr. Vladimir Chechko

9:00 – 9:50

Presentation of the FP7 program (Dr. Piter Davis) and the Interreg-Tacis Project SDI-4-SEB (Dr. B. Chubarenko)

09:50 – 11:00

Prof. Gennadii Safyanov<sup>5</sup> «Genesis and morphodynamics of estuaries»

11:00 – 11:30

Coffee Break

11:30 – 12:50

Dr. Boris Chubarenko<sup>6</sup> «Coastal lagoons: typology, hydrodynamics and transport»

12:50 – 14:30

Lunch

14:30 – 15:20

Dr. Georg Umgiesser<sup>7</sup> “Numerical modeling of coastal lagoons”

15:20 – 16:10

Dr. Malgorzata Robakewicz<sup>3</sup> “Sediment transport in river mouths and estuaries”

16:10 – 16:40

Coffee Break

16:40 – 18:30

Poster session, topic 2 «*Dynamics of estuaries and lagoons*»

19:00

Supper

**03.07.2008, Thursday**

***Topic 3 «Dynamics of interaction between coastal zone and the open sea»***

9:00 – 9:50

Information about current national and international projects

09:50 – 10:40

Dr.Sci. Andrey Zatsepin<sup>1</sup> «Generation of vertexes and upwelling in the coastal zone»

10:40 – 11:10

Coffee Break

11:10 – 12:00

Dr. Sci. Petr Zavialov<sup>1</sup> «Dynamics of river plums in the coastal zone»

12:00 – 12:50

Dr. Irina Chubarenko<sup>6</sup> «Water exchange between shallow and deep parts of the basin driven by convective mechanisms»

12:50 – 14:30

Lunch

14:30 – 15:30

Prof. Kolumban Hutter<sup>8</sup> (em.) “Boundary waves”

15:30 – 16:30

Prof. Vladimir Zhmur<sup>9</sup> «Along a slope gravity currents as a mechanism of upper and deep water exchange»

16:30 – 16:50

Coffee Break

16:50 – 18:30

Poster session, topic 3 «*Dynamics of interaction between coastal zone and the open sea*»

19:30

Closing buffet dinner

**04.07.2008, Friday**      **Excursion to the open coast or the Vistula Lagoon**, Lunch, rewarding of the best posters

**05.05.2008, Saturday**      **Departure of participants**

1- P.P.Shirshov Institute of Oceanology of Russian Academy of Sciences (IORAS), Russia, Moscow

2- Southern Branch of P.P.Shirshov Institute of Oceanology of Russian Academy of Sciences (IORAS), Russia, Gelendzhik

3- Institute of Hydro-Engineering, Polish Academy of Sciences (IBWPAN), Poland, Gdansk

4- Oldenburg University, Germany, Oldenburg

5 – Moscow State University (MSU)

6 – Atlantic Branch of P.P.Shirshov Institute of Oceanology of Russian Academy of Sciences (IORAS), Russia, Kaliningrad

7 – Institute of Marine Science, National Research Council (ISMAR-CNR), Italy, Venice

8 – c/o Laboratory of Hydraulics, Hydrology and Glaciology, ETH Zurich, Switzerland (formerly Professor of Mechanics at Darmstadt University of Technology, head of Environmental Flows Department, Darmstadt, Germany)

9 – Moscow Institute (State University) for Physics and Technology (MIPT), Russia, Dolgoprudnyi

You can send your question to chairmen of the Scientific and Local Organizing Committees or to find additional information about the conference in the web site: [www.coruna.coastdyn.ru](http://www.coruna.coastdyn.ru)

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**Summer Conference (school-seminar) on the Dynamics of Coastal Zone of Non-tidal Seas**  
Field Station of Atlantic Branch of P.P.Shirshov Institute of Oceanology,  
Baltiysk, Kaliningrad Oblast, Russia, 30 June - 04 July 2008

### **REGISTRATION FORM**

**Name, Surname**

**Position, scientific degree and title**

**Organization (full name) and its address**

**Phone and fax full number (with all codes)**

**E-mail (obligatory)**

**Author (-s) and title of presentation**

**Abstract of presentation (up to 20 lines)**

**Relevant conference theme number (1/2/3)**

**Language of presentation (English/Russian)**

*Please send registration form to [Viktoria Kurchenko piwis@mail.ru](mailto:Viktoria.Kurchenko@piwis@mail.ru) with Subject 'CoastSchool 08'*