

**The 3<sup>rd</sup> International Meeting of Amur-Okhotsk Consortium 2013  
in collaboration with the Conference on “Sustainable Nature Management in  
Coastal Areas”**

Date: October 7-8, 2013

Place: Conference hall at Equator Hotel, Naberezhnaya, 20, Vladivostok,  
Russia

Hosted by the Amur-Okhotsk Consortium and the Pacific Institute of  
Geography, FEBRAS

Sponsored by Mitsui & Co., Ltd.

Official language: English

Program (tentative)

**October 7 (Monday)**

**Opening**

09:00-09:15 Welcome address

Petr Ya. Baklanov (Pacific Institute of Geography, FEBRAS)

09:15-09:30 Goals of the 3<sup>rd</sup> meeting

Takayuki Shiraiwa (Inst. Low Temp. Sci., Hokkaido Univ.)

**Session 1 *New findings on the studies of the Amur-Okhotsk ecosystem***

(Chairman: Jun Nishioka)

9:30-9:50 “Scales and contexts of the Amur River”

Anatoliy F. Mandych (Inst. Geography, RAS)

9:50-10:10 “Spatial-temporal changeability of the solid flux in the Amur  
River”

Makhinov, A.N., Kim, V.I. and Shmigirlov, S.A. (Inst. Water and Ecologi  
cal Problems, FEBRAS)

10:10-10:30 “Riverbed process dynamics in branched parts of the Lower Amur”

Kim, V.I. and Makhinov, A.N. (Inst. Water and Ecological Problems, FEBRAS)

10:30-10:50 “Iron concentrations and flux in the Middle Amur water”

Shesterkin, V.P. (Inst. Water and Ecological Problems, FEBRAS)

10:50-11:10 “Trace metals in deposits of the Lower Amur Lakes: contents, forms and behavior”

Vladimir V. Shamov (Pacific Institute of Geography, FEBRAS)

11:10-11:30 Coffee break

11:30-11:50 “Spatio-temporal effects of pollution by organic substances in the ice of the Amur River”

Liubov Kondratyeva (Inst. Water and Ecological Problems, FEBRAS)

11:50-12:10 “How to model complex behavior of trace metals and organic carbon in huge terrestrial system?”

Takeo Onishi (Gifu University)

12:10-12:30 “The effect of snowmelt runoff on dissolved iron concentration in Songhua River”

Baixing Yan (Northeast Inst. of Geography and Agroecology, CAS)

12:30-12:50 “Migration behavior of organic matter in the Amur River”

Seiya Nagao (Kanazawa University)

12:50-13:10 “Flood control basin function of wetland by numerical analysis of the flood –middle part of the Amur River-”

Shigeko Haruyama (Mie University)

13:10-13:30 “Customization and validation of newly implemented Tiedtke Scheme in RegCM4 over tropical band and East/South Asia”

Ali Shaukat (Inst. Atmospheric Physics, CAS)

13:30-15:30 Lunch Break

*Session 2 Operational monitorings of the Amur-Okhotsk ecosystem*

(Chairman: Naoto Ebuchi)

15:30-15:50 “Water quality monitoring and assessment in the Mongolian part of the Amur River basin”

Erdenebayar Yadamsuren (Central Laboratory for Environmental Monitoring and Meteorology)

15:50-16:10 “Russian operational monitoring of Amur River”

Irina Dugina (ROSHYDROMET)

*Session 3 Conservation and sustainable use of the Amur-Okhotsk ecosystem*

(Chairman: Takayuki Shiraiwa)

16:10-16:30 “Modern tendencies of the development of the ecological situation in the Amur Basin”

Boris A. Voronov (Inst. Water and Ecological Problems, FEBRAS)

16:30-16:50 “Role of civil society organization in conservation of the Amur River basin and the North Pacific Rim”

Eugene Simonov (Rivers without Boundaries)

16:50-17:10 “Social and economical development of the Sakhalin region and cooperation with the participants of Amur-Okhotsk Consortium”

Ken Sik To (Sakhalin State University)

17:10-17:30 “Over conflict between agriculture and fishery in Abashiri River basin in Japan”

Junichiro Somei ( )

18:30-20:30 Banquet at Equator Hotel

**October 8 (Tuesday)**

*Session 4 Sustainable Nature Management in Coastal Areas*

09:00-13:30

13:30-15:00 Lunch Break

*Session 5 Pre-existing legal systems for the conservation of the Amur -  
Okhotsk ecosystem*

(Chairman: Shinichiro Tabata)

15:00-15:20 “World Natural Heritages in the Amur-Okhotsk region  
(tentative title)”

Hiroyuki Matsuda (Yokohama National University)

15:20-15:40 “Lessons from European environmental regulations (Tentative  
title)”

Mari Koyano (Hokkaido University)

15:40-16:00 “Prospect and retrospect of the Amur-Okhotsk Consortium”

Yasunori Hanamatsu (Hokkaido University)

16:00-16:20 “Opportunities and challenges of Northeast Asia Regional  
Environmental Cooperation”

Zhigang Da (Heilongjian Academy of Social Sciences)

16:20-16:40 Coffee break

16:40-18:00 *Session 5 Discussion and Conclusion*

(Chairman: Takayuki Shiraiwa)

18:00-18:10 “Concluding Remarks”

Naoto Ebuchi (ILTS, Hokkaido University)

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