

# **The 3rd International Meeting of Amur-Okhotsk Consortium 2013**

in collaboration with the Conference on  
“Sustainable Nature Management in Coastal Areas”

**Date: October 7 (Mon) – 8 (Tue), 2013**

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

**Hosted by:**

The Amur-Okhotsk Consortium  
The Pacific Institute of Geography, FEBRAS

**Sponsored by:**

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Official symposium language: English

**Sessions:**

1. New findings on the studies of the Amur-Okhotsk ecosystem
2. Operational monitoring of the Amur-Okhotsk ecosystem
3. Conservation and sustainable use of the Amur-Okhotsk ecosystem
4. Pre-existing legal systems for the conservation of the Amur-Okhotsk ecosystem
5. Sustainable Nature Management in Coastal Areas
6. Discussion and Conclusion

**Organizing Committee:**

**Prof. Petr Ya. Baklanov**, Pacific Institute of Geography, FEBRAS

**Dr. Zhigang Da**, Heilongjiang Provincial Academy of Social Sciences

**Dr. Oyunbaatar Dambaravjaa**, Institute of Meteorology and Hydrology

**Prof. Naoto Ebuchi**, Pan-Okhotsk Research Center, Institute of Low Temperature Science,  
Hokkaido University

**Dr. Victor Ermoshin**, Pacific Institute of Geography, FEBRAS

**Assoc. Prof. Takayuki Shiraiwa**, Institute of Low Temperature Science, Hokkaido University

**Prof. Shinichiro Tabata**, Slavic Research Center, Hokkaido University

(alphabetical order)

# Program

October 7 (Mon), 2013-----

09:00-09:15 Welcome address by **Petr Ya. Baklanov**, Academician of RAS, Director of Pacific Geographical Institute, FEBRAS

09:15-09:30 Goals of the 3rd meeting by **Takayuki Shiraiwa** (Inst. Low Temp. Sci., Hokkaido University)

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

Chairman : **Jun Nishioka, Petr Ya. Bakkanov**

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 Ecological 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"  
**Vladimir P. Shesterkin** (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 Geographical Institute, FEBRAS)

11:10-11:30 Coffee break

11:30-11:50 "Effects of Extreme Flood Pulse on Dissolved Iron in Amur River Basin"  
**Baixing Yan** (Northeast Inst. of Geography and Agroecology, CAS)

11:50-12:10 "Migration behavior of organic matter in the Amur River"  
**Seiya Nagao** (Kanazawa University)

12:10-12:30 "The Amur River discharge with land form"  
**Shigeko Haruyama** (Mie University)

12:30-12:50 "Coupling of regional climate models (RCMs) and hydrological models"  
**Shaukat Ali** (Inst. Atmospheric Physics, CAS)

## **Session 2 Operational monitoring of the Amur-Okhotsk ecosystem**

Chairman: **Naoto Ebuchi**

12:50-13:10 "National network of monitoring surface water quality and water quality assessments of the eastern Mongolia"  
**Erdenebayar Yadamsuren** (Central Laboratory for Environmental Monitoring and Meteorology)

13:10-15:30 Lunch Break

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

Chairman: **Zhigag Da, Anatory Mandych**

15:30-15:50 "Role of civil society organization in conservation of the Amur River basin and the North Pacific Rim"  
**Eugene Simonov** (Rivers without Boundaries)

15:50-16:10 "Over conflict between agriculture and fishery in Abashiri River basin in Japan"  
**Junichiro Somei** (Central Clinic, Clinical Research Center, Kyoto)

**Session 4 Pre-existing legal systems for the conservation of the Amur-Okhotsk ecosystem**

Chairman: **Shinichiro Tabata, Andrey Malutin**

16:10-16:30 "World Natural Heritages in the Amur-Okhotsk region"  
**Hiroyuki Matsuda** (Yokohama National University)

16:30-16:50 "Prospect and retrospect of the Amur-Okhotsk Consortium"  
**Yasunori Hanamatsu** (Slavic Res. Center, Hokkaido University)

16:50-17:10 "New Changes of Northeast Asia Regional Cooperation and Chances and Challenges of Multilateral Environmental Cooperation"  
**Zhigang Da** (Heilongjian Academy of Social Sciences)

18:30-20:30 Banquet at Equator Hotel

**October 8 (Tue), 2013-----**

**Session 5 Sustainable Nature Management in Coastal Areas**

Chairman: **Oyunbaatar Dambaravjaa, Boris Preobrazhenskii**

09:00-09:40 "The role of the coastal zone, resources of the shelf and sea in development of the Pacific Russia"  
**Petr Ya. Baklanov** (Pacific Geographical Institute, FEBRAS, Vladivostok)

09:40-10:00 "Creating a system of coastal and marine protected areas in the seas of the Russian Far East"  
**Andrey Malutin** (Institute of Marine Biology, FEBRAS, Vladivostok)

10:00-10:20 "Use of satellite images of the sea surface in tasks of control and management of the coastal zones"  
**Vyacheslav Dubina** (Pacific Institute of Oceanology, FEBRAS, Vladivostok)

10:20-10:40 "Oceanography of Academia Bay as a habitat for bowhead whales of the Sea of Okhotsk"  
**Konstantin Rogachev** (Pacific Institute of Oceanology FEBRAS, Vladivostok)

- 10:40-11:00 "Using computer models of oil spills behavior for formation of emergency preparedness systems"  
**Jana Yu. Blinovskaya** (Adm. G.I. Nevelskogo Marine State University)
- 11:10-11:30 Coffee Break
- 11:40-12:00 "Environmental and geographical problems of the coastal zone of the Far Eastern seas"  
**Preobrazhenskii, B., Zharikov, V. and Lebedev, A.** (Pacific Geographical Institute, FEBRAS, Vladivostok).
- 12:00-12:20 "Comparative analysis of the coast zone management in RFE and adjacent countries"  
**Alexey Lankin** (Pacific Geographical Institute, FEBRAS, Vladivostok)
- 12:20-12:40 "National and international projects in the lower reaches of the Tumen River"  
**Vladimir Karakin** (Pacific Geographical Institute, FEBRAS, Vladivostok)
- 12:40-13:00 "Philosophical issues of the coastal zone management"  
**Vladimir Bocharnikov** (Pacific Geographical Institute, FEBRAS, Vladivostok)
- 13:00–15:00 Lunch Break

**Session 6 Discussion and Conclusion**

Chairman: **Takayuki Shiraiwa**

- 15:00-16:50 Discussion and Conclusion  
**Takayuki Shiraiwa** (Inst. Low Temp. Sci., Hokkaido University)
- 16:50-17:00 Concluding Remarks  
**Naoto Ebuchi** (Inst. Low Temp. Sci., Hokkaido University)
- 19:00-20:30 Excursion "Vladivostok at night"

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