

The 3rd International Meeting of Amur-Okhotsk Consortium 2013

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

Wrap up the 3rd meeting

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November 7

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

Session 2: Operational monitoring of the Amur-Okhotsk ecosystem

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

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

November 8

Session 5: Sustainable nature management in coastal areas

Discussion and conclusions

Goals of the meeting

1. Mutual understanding on current situation of the nature and ecosystem in the Amur Okhotsk Region;
2. Listing of top-priority scientific as well as environmental issues to be solved by multilateral efforts;
3. Wrapping up the discussions and preparation of documents for Policy makers in each country.

Topics discussed

- Flood and drought of the Amur River;
- Dissolved and particulate matters in the Amur River and its tributaries;
- Geomorphic dynamics of the Amur River;
- Amur River and the landform changes;
- Numerical modeling of coupled climate and hydrology of big river;
- National monitoring network of the Amur River;
- NOWPAP activities to conserve sea environment;
- Conservation of ecosystem in the Amur Okhotsk Region: WNH, MAB, National and State Nature Reserves;
- Institutional Relationship between Scientific Communities & Decision-making Bodies;
- Coastal ecosystems and its sustainable management;
- Oil spills and its modeling;
- Sustainable regional development without deteriorating regional ecosystem;
- Cultural and historical difference in attitude to environmental concept.

Proposals

1. Assessment of tremendous flood of the middle reach of the Amur River by international scientific community.

Studies on

1. cause and result of the flood;
2. damage on infrastructures;
3. impact on dissolved and suspended sediment
4. impact on landforms such as bank erosion etc.;
5. impact on marine ecosystem;
6.

Proposals

2. Collaboration among various nature and biosphere reserves

There are various nature and biosphere reserves in the Amur-Okhotsk region from “World Nature Heritage” to state-level nature reserves. These reserves are rich not only in their natural environment but also rich in their experiences in conservation and protection efforts.

Therefore, it may be valuable and important to provide opportunities for these organizations to exchange ideas, experiences, and future scopes in the framework of the Amur Okhotsk Consortium.

Proposals

3. Sharing information of oils spills and pollutions

Natural resource exploitations are necessary and promising industries in the Northeast Asia and RFE. But some of the activities can be significant and immediate threats on natural environments and societies. These are oil spills, seepage and spills of radioactives, and pollutions related to mining.

The Amur-Okhotsk Consortium encourages the scientists to share available information at each country. Exchanging current state of the measures to overcome these incidents are of importance to mitigate possible impacts to ecosystem and societies in the NEA and RFE.