

Contents

Page

Narita Hideki

Preface

1 **Narita H., Shiraiwa T. and Nakatsuka T.**

Human Activities in Northeastern Asia and Their Impact to the Biological Productivity in North Pacific Ocean

25 **Shcheka Oleg L.**

Far Eastern Branch of the Russian Academy of Sciences: History, Structure, and a Role in the Asia – Pacific Region

35 **Voronov Boris A.**

Complex Surveys of the Amur River Basin

41 **Makhinov Alexei N.**

Natural and Anthropogenic Factors of the Amur River Runoff Formation

47 **Kondrajeva Lubov**

Combined Methods for Amur River Pollution Assessment. Ecosystem Approach.

67 **Schesterkin Vladimir P.**

Iron Content in the Middle Amur in Winter Low Water Period

71 **Sirotsky S.E., Makarchenko E.A. and Makarchenko M.A.**

Amur Basin Water Quality Assessment Based on Zoobenthos Composition

81 **Yoh Muneoki**

Possible Fundamental Sources of Dissolved Iron in Terrestrial Environments: Their Mechanisms, Presumed Anthropogenic Impact, and Research Needs.

87 **Shibata H., Konohira E., Satoh F. and Sasa K.**

Export of Dissolved Iron and the Related Solutes from Terrestrial to Stream Ecosystems in Northern Part of Hokkaido, Northern Japan

Contents

Page

- 93 **Kuma Kenshi**
Biogeochemistry of Iron in Seawater
- 103 **Nishioka Jun**
Iron Study in the Sea of Okhotsk -Comparison to the Subarctic Pacific-
- 111 **Kot Fyodor S.**
On Mercury Speciation and Postsedimentation Fate in Pelagic Sediments of the Sea of Japan
- 117 **Kachur A.N. and Kondratyev I.I.**
Variability of a Chemical Composition of the Snow Covers in a Background Areas of Sikhote-Alin as an Index of the Trans-boundary Transfere of Contamination
- 131 **Sorokin A.P. and Artyomenko T.V.**
Tectonic Evolution of the Eastern Margin of Eurasia in Late Mesozoic and Cenozoic
- 135 **Baklanov P.Ya. and Ganzei S.S.**
Basic Stages and Tendencies of the Land Use Development in the Amur River Basin
- 153 **Zhang B., Wang Z. and Duan H.**
A Study of the Land Use In Songhua River Basin of China
- 161 **Kakizawa Hiroaki**
Dynamics of Forest Resources in Russia and Related Changes in Forest Management and Policies – Focusing on the Khabarovsk Region