

Reconceptualizing Cultural and Environmental Change in Central Asia: An Historical Perspective on the Future

An International Workshop Organized by:
The International Institute for Asian Studies (IIAS)
The National Institutes for the Humanities (NIHU)
The Research Institute for Humanity and Nature (RIHN)

1-2 February 2009

Lecture Hall, Research Institute for Humanity and Nature, Kyoto, Japan

February 1 (Sunday)

Opening Session (10:00–11:20)

Opening Remarks; Masayoshi Nakawo, NIHU

Objectives of the Workshop; Jumpei Kubota, RIHN

Key note address: Ian Boomer, University of Birmingham

Late Holocene environmental change in the Aral Sea region

Session 1: Human adaptation to changes of the environment and social systems

(11:30–14:50, Lunch break: 12:30-13:30)

Culture of Zhetisu in antiquities and middle ages

Karl Baipakov, Institute of Archaeology, Kazakhstan

Archaeological Survey on the alluvial fan of Turgen River in Kazakhstan, 2008

Takura Izumi, Kyoto University

Comparative study of the Medieval urbanization of the Talas, Chu and Ili river basins

Renato Sala, Kazakhstan Scientific Research Institute on Problems of the Cultural Heritage on Nomads, Kazakhstan

Case Study of “Monuments of Otrar Oasis in Their Settings: Investigation of Irrigation System and Cultural Landscape” Project

Dimitry Voyakin, Institute of Archaeology, Kazakhstan

Analysis of the hydraulics of the irrigation canals of Otrar, Kazakhstan

Derek Clarke, University of Southampton, UK

Session 2: Reconstruction of the environmental change in Central Asia analyzed by various proxies (15:00–17:10)

Dendroclimatic reconstructions from Central Asia

David Frank, Swiss Federal Research Institute WSL, Switzerland

Tree-ring chronology of the last seven centuries in glacier Engilchek area, Tien Shan, Kyrgyzstan republic

Olga Maximova, Institute of Geography, Russia

Reconstruction of climate and river discharge in the last 1000 years based on mountain ice core data in the Central Asia

Nozomu Takeuchi, Chiba University

Prehistorical and historical stages of development of the Balkhash lake

Bolat Aubekerov, Institute of Geological Sciences, Kazakhstan

Reconstruction of lake level change and paleo-environment using the core from Balkhash Lake, Kazakhstan

Kunihiko Endo, Nihon University

General Discussion (17:20-18:00)

Discussant; **Toshio Hayashi**, Soka University

Chiyuki Narama, RIHN

February 2 (Monday)

Session 3: Interactions between human activities and the environment in the context of historical transitions in subsistence (9:00-12:10)

Problems of historic studies on the economical and cultural development in the Ili River watershed and South Balkhash Lake area in the Late Middle Ages and Modern Times

Irina Yerofeyeva, Kazakhstan Scientific Research Institute on Problems of the Cultural Heritage on Nomads, Kazakhstan

An Investigation of the Winter and Summer Campsites of Great Küre and the Nomadic Sites of Küre Warehouse of the Oirat Mongols

Borjigitai Oyunbilig, Renmin University of China

Land and water use in the Ili-Balkhash basin from Paleolithic to modern times

Jean-Marc Deom, Kazakhstan Scientific Research Institute on Problems of the Cultural Heritage on Nomads, Kazakhstan

The Nukte of Ili

Chengzhi, RIHN

The Ili valley under the Russian rule (1871-81): Between the Great Game and the local development

Jin Noda, Toyo Bunko (Oriental Library)

A note on the history of *jut* in Kazakhstan: Climatic factors in massive loss of livestock

Tomohiko Uyama, Hokkaido University

Power Models in Nomadic Pastoralists' Societies of Central and Inner Asia: a historical perspective

Irina Morozova, IIAS

Session 4: Balancing resource development and preservation in arid and semi-arid regions (13:30-16:50)

Some stages of ecological (environmental) history of Ili-Balkhash region (Soviet period)

Zhulduzbek Abylkhodzhin, Institute of History and Ethnology, Kazakhstan

Legacies and Ruins of Socialist Modernization in Almaty Region, Republic of Kazakhstan.

Mitsuko Watanabe, RIHN

Genesis and present state of fauna of Ili Balkhash region (Kazakhstan)

Roman Jashenko, Institute of Zoology, Kazakhstan

Land and Water Use for Irrigated Agriculture in the Lower Ili River Basin, Kazakhstan

Katsuyuki Shimizu, Tottori University

Distribution patterns of soils and vegetation in foothills of Tianshan and Altai Mountains in Central Eurasia

Shinya Funakawa, Kyoto University

What has happened with Central Asian snow and glacier water resources in the last 100 years?

Vladimir Aizen, Elena Aizen, and Arzhan Surazakov, University of Idaho

Calm before the storm: Agricultural Impact on Environment in Post Planned-Economy Kazakhstan

Kenichi Abe, RIHN

Discussion and (17:00-18:00)

Discussant; **Manon Osseweijer**, IIAS

Ta Wanquan, Cold and Regions Environmental and Engineering
Research Institute, China

Norio Ishida, Kyoto Gakuen University