

International Workshop The Rise and Fall: Environmental Factors in the Socio-Cultural Changes of the Ancient Silk Road Area

September 28-29, 2017
Building S2, Room 168
Olshausenstr. 75
Kiel University, Germany

1st day: Thursday, Sept. 28, 2017

8:30-9:00 Registration

Session 1: Historic China towards the west
Chair: Liang E. Yang

9:00-9:20 Welcome and Introduction

Prof. Josef Wiesehöfer, Prof. Johannes Müller

9:20-9:45 On the social impacts of climate change in the historic China

Prof. Dr. Xiuqi Fang, Beijing Normal University, P.R. China

9:45-10:10 The expansion of the Chinese empire to the west and the resulting deterioration of lakes during the Han Dynasty
Prof. Dr. Steffen Mischke, University of Iceland, Reykjavík

10:10-10:35 Kashmir Valley and the Ancient Silk Road: multi-proxy investigation in an ecological niche

Mr. Michael Spate (PhD candidate), Dept. of Archaeology, University of Sydney

10:35-11:00 Coffee break

Session 2: Central Asia as Silk Road node
Chair: Millinda Hoo

11:00-11:25 Climate change and the rise of the central Asian Silk Roads

Dr. Daniel J. Hill, School of Earth and Environment, University of Leeds, UK

11:25-11:50 Non-linear dynamics in Gandhara: Bridging cultural and environmental development along the ancient Silk Roads

Dr. Marike E.J.J. van Aerde, Faculty of Archaeology, Leiden University, Nederland

11:50-12:15 A drought reconstruction of northwestern Kyrgyzstan indicates relationships between hydroclimatic changes and social unrest in Central Asia

Dr. Feng Chen, Institute of Desert Meteorology, China Meteorological Administration, Urumqi, China

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12:15-14:30 Lunch break

Session 3: Changes of water & agriculture
Chair: Josef Wiesehöfer

14:30-14:55 Age and origin of Karez irrigation systems along the silk road in the Turpan basin, Xinjiang, China

Dr. Stefan Hecht, Geographisches Institut, Universität Heidelberg, Germany

14:55-15:20 The Ili River Delta: Holocene hydrogeological evolution and evidence of bronze age colonization by vertical migrations
Dr. J.-M. DEOM, Laboratory of Geoarchaeology, Al-Farabi Kazakh National University, Faculty of History, Archaeology and Ethnology, Kazakhstan

15:20-15:45 Human stable isotopes and dietary reconstruction between urban and nomadic communities

Mr. Taylor Hermes (PhD candidate), GSHDL, Kiel University, Germany

15:45-16:10 Coffee break

Session 4: Climate, disaster and impacts
Chair: Josef Wiesehöfer

16:10-16:35 The fall of the Oxus civilization (Bronze Age, southern Central Asia) and the climate change

Dr. Elise Luneau, CNRS-UMR 8215, France

16:35-17:00 Paleoclimatic change, disaster history and the urbanscape development in Athens

Dr. Liang Emlyn Yang, GSHDL, Kiel University, Germany

17:00-17:25 Living with earthquakes along the Silk Road

Prof. Dr. Miklos Kazmer, Eötvös University, Department of Palaeontology, Hungary

17:25-17:50 Glacio-archaeological evidence of human survival in glacier end moraine complex during the Little Ice Age in Miyar Basin, Lahul Himalaya, India

Dr. Rakesh Saini, Applied Geography, Dr. Harisingh Gour Central University, India

18:30 Dinner

At the LOUF Restaurant, Kiel

2nd day: Friday, Sept. 29, 2017

8:45-9:00 Morning Coffee

Session 5: Climate links to social evolution
Chair: Millinda Hoo

9:00-9:25 The Coming of the Barbarians: Can Climate explain the Saljuqs' advance?

Prof. Dr. Yehoshua Frenkel, Haifa University, Israel

9:25-9:50 Climatic and Environmental Limiting Factors in the Mongol Empire's Westward Expansion: A Discussion of Büntgen and di Cosmo's "Environmental Hypothesis" for the Mongol Withdrawal from Europe in 1242

Mr. Stephen Pow (PhD candidate), Central European University, Hungary

9:50-10:15 Mapping Bukhara: Steppe and Sown. Heritage and the Understanding of Urban Neighbourhood Principles in the Light of Soviet Ethnographic Enquiry

Prof. Dr. Susanne Marten-Finnis, University of Portsmouth, UK

10:15-10:40 Coffee break

Session 6: Lake/sea regions to the recent
Chair: Liang E. Yang

10:40-11:05 Evaluation of the ratio of natural and anthropogenic forcing in the regression of the Aral sea during the medieval warm period
Dr. Renato Sala, Laboratory of Geoarchaeology, Al-Farabi Kazakh National University, Kazakhstan

11:05-11:30 Water Environment and the Human-environment Relationship in The Northern Catchment of Erhai Lake (1368--1912)

Ms. Anning Xu (PhD candidate), Fudan University, China

11:30-11:55 Critical investigation of the regeneration of Silk Road with executing 2 Mega-Projects in Iran and Pakistan coastal zone.

Mr. Faraz Nikpour (Master student), Kiel University, Germany

12:00-14:00 Lunch seminar

On joint publishing and project cooperation

