

Agenda of the Fifth Central Asia GIS Conference - GISCA'11

“Geoinformatics: Managing Environment, Resources and Risk”

May 19-20, 2011

at the Faculty of Geography, Kazakh National University named after Al-Farabi, Almaty, Kazakhstan
co-organized with the Austria-Central Asia Centre for GIScience, KSUCTA, Bishkek
and supported by the Eurasia-Pacific Uninet

Pre-Conference Workshops

(Workshops require pre-booking and cannot be attended without confirmation)

Monday, May 16		
9:00-16:00	Theory and Practice of GPS - Geocaching and OSM	GIS Lab 1 (r.303)
9:00-16:00	Free and Open Source Software in GIS	GIS Lab 2 (r.219)
Tuesday, May 17		
9:00-16:00	Geodata-Management in ArcGIS, Analysis and Cartography	GIS Lab 1 (r.303)
9:00-16:00	Spatial Data Infrastructure Tutorial	GIS Lab 2 (r.219)
Wednesday, May 18		
9:00-16:00	Spatial Analysis with ArcGIS ModelBuilder	GIS Lab 1 (r.303)
9:00-16:00	FME Training	GIS Lab 2 (r.219)

May 18 (18:00 - 20:00) – Welcome event for all delegates (Next to Faculty of Geography - 1st hall)

CENTRAL ASIA GIS CONFERENCE - GISCA'11

Thursday, May 19 - Conference Hall of KazNU, Main Building, 15th floor	
8:30-9:30	Registration of conference participants
9:30-10:00	Opening of the Conference: - Opening and welcome speech by Academician, Prof. Galimkair Mutanov - Rector of KazNU - Welcome speech by Prof. Murat Orunkhanov - Vice-Minister of Ministry of Education of Kazakhstan - Welcome speech by HE Ursula Fahringer - Ambassador of Austria to Central Asia - Welcome speech by Academician, Prof. Josef Strobl – University of Salzburg, Austria - Welcome speech by Shaizada Tasbulatova - TEMPUS Kazakhstan.
10:00-10:30	Moderator - Nurzhan Kerimbay, Josef Strobl Opening Keynote: Josef Fürst (University of Life Sciences, Austria): The Hydrological Atlas of Austria – A comprehensive source of regional hydrological information for water resources and environmental management.
10:30-11:00	Coffee break
11:00-12:20	Vitaly Salnikov, Nurzhan Kerimbay and Gulnara Nyussupova (KazNU, Kazakhstan): Current state and prospects of GIS education in KazNU Mathilde Molendijk (VU Amsterdam): Go Geo: education in Geoinformatics the Netherlands. Ronnie Lassche (VU Amsterdam): EduGIS – GIS education for secondary school pupils in the Netherlands. Michael Bolsynovsky (SOVZOND, Russia): Geoinformational system based on satellite monitoring for the management of natural resources.
12:20-14:00	Lunch break

14:00-15:40	<p>Moderator - Ronnie Lassche</p> <p>Djamshid Djuraboev. GIS based water management efficiency attempt in Water Users Associations located in South Fergana Canal basin.</p> <p>Ainura Nazarkulova (KSUCTA, Kyrgyzstan) and Vincent Lalieu (Bloomingfeld Asia Ltd.): Local Water and Small Hydropower Potentials in High Mountain Areas.</p> <p>Zhanay Sagintayev (Western Michigan University, USA): Identification of Reservoir Types and Potential Well Locations Using GIS and Remote Sensing Technologies in the Pishin Lora Basin.</p> <p>Yvo Weidmann (Geoldee.ch): Use of GIS for Small-Scale Hydropower Development in Tajikistan.</p> <p>Iskandar Abdullayev (Gesellschaft für Internationale Zusammenarbeit-GIZ): Application of GIS and Data Management Tools for IWRM in Central Asia.</p>
15:40-16:10	Coffee-break
16:10-18:00	<p>Moderator - Rainer Prüller</p> <p>Sobir Navruzov (Technological University of Tajikistan): Possibility using of GIS technology for the management of water resources in Tajikistan.</p> <p>Natalia Ershova (KRSU, Kyrgyzstan): Assessment of water resources in On-Orcha and Jergital river basins for sustainable water use.</p> <p>Felix Puls (Eurospaceimaging, Germany): WorldView-2 - The benefits of the 8 Spectral Bands and Local Tasking.</p> <p>George Potapov (SKANEX, Russia): Web services for realtime satellite monitoring data.</p>
18:00	End of the first day of GISCA'11
Friday, May 20 - Conference Hall of KazNU	
9:00-10:20	<p>Moderator - Mathilde Molendijk</p> <p>Yusuf S. Hascicek (UN-SPIDER): Space-based Solutions in Support of Disaster Management & Emergency Response .</p> <p>Yvo Weidmann (Geoldee.ch): Natural Hazard Risk Maps for Public Use in Rural Areas in the Northern Tajikistan.</p>
10:20-10:50	Coffee break
10:50-12:30	<p>Moderator - Bela Markus</p> <p>Akylbek Chymyrov (KSUCTA, Kyrgyzstan): Development of GIS for seismic risk assessment in Bishkek.</p> <p>Thomas Fischer (LMU, Germany): GIS based modeling of precipitation-induced debris flows in high alpine catchment areas of the Northern Tien Shan Mountains, South-East Kazakhstan.</p> <p>Marc Wieland (GFZ, Germany): Estimating building inventory for rapid seismic vulnerability assessment in Bishkek, Kyrgyzstan: an integrated approach based on multi-source imaging and GIS.</p> <p>Gernot Paulus (FH Carinthia, Austria): Interdisciplinary Multi-Hazard Risk Assessment & Risk Communication at Municipality Level.</p>
12:30-14:00	Lunch break
14:00-15:20	<p>Moderator - Akylbek Chymyrov</p> <p>Akjol Djenaliev (KSUCTA, Kyrgyzstan): Web GIS application for the seismicity analysis of Kyrgyzstan.</p> <p>Galina Frolova (KRSU, Kyrgyzstan): GIS techniques for analysis of avalanche zones in Kyrgyzstan.</p> <p>Dinara Abiyeva, Kazakhstan. Generation and plans for development of information system of ecological and demographic survey and radiation monitoring of rural communities in the Republic of Kazakhstan.</p> <p>Farrukh Nazarmavloev: Evaluation of EO-1 HYPERION imagery for assessment of soil organic carbon..</p>
15:20-15:50	Coffee break
15:50-17:10	<p>Moderator - Gernot Paulus</p> <p>Manfred Mittlboeck (Research Studio iSPACE, Austria): Geo-Infrastructures - Concepts and technologies.</p> <p>Gregory Lucas (University of West Hungary): Experiences in environmental data harmonization.</p> <p>Mehmet Karaman and Sezer Şahin (Gaziosmanpasa University, Turkey): Comparison of Ordinary Kriging and Co-Kriging Methods.</p> <p>Kanat Samarkhanov (Faculty of Geography, Kazakh Academy of Sciences): Using GIS and RS data at the Institute of Geography, KazNU</p>
17:10	Closing of GISCA'11
Saturday, May 21	
09:00	<i>Meeting at Faculty of Geography</i>
09:00-16:00	<i>All day excursion to Medeo Sport Komplex - including lunch break</i>