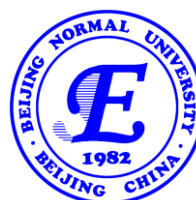


Conference Schedule

International Conference
on
Ecological Informatics and Ecosystem Conservation

ISEIS'2010

School of Environment
Beijing Normal University, China
August 27-29, 2010



<http://www.iseis.org/events/iseis2010/>

The schedule of the conference includes keynote speeches, venue, sequential technical sessions, and a poster exhibition.

Keynote Speakers

- [Dr. Friedrich Recknagel](#), University of Adelaide, AUSTRALIA
- [Dr. George Christakos](#), San Diego State University, USA
- [Dr. Christine Chan](#), University of Regina, CANADA

Venue: Jingyi Hotel, No. 9 Dazhongsi East Road, Haidian District, Beijing, China.

August 26, 2010

August 26, 2010	Lobby of Jingyi Hotel
Time	
12:00 - 24:00	Conference registration
18:30 - 21:30	Dinner (Western-style Dinning Hall on the First Floor)

August 27, 2010

August 27, 2010	Meeting Room 1
Time	
09:00 - 17:00	Conference registration (Lobby)
09:00 - 10:00	Poster setup, coffee break
10:00 - 10:20	Welcome and opening remarks
10:20 - 11:00	Keynote I: State art of ecological informatics by Dr. Friedrich Recknagel
11:00 - 11:40	Keynote II: Large scope integrative problem-solving by Dr. George Christakos
11:40 - 12:20	Keynote III: Applications of artificial intelligence (AI) for carbon capture process operation by Dr. Christine Chan
12:20 - 13:30	Luncheon (Western-style Dinning Hall on the First Floor)
13:30 – 15:10	Urban Eco-planning-Chair: Jianbing Li
13:30 - 13:50	Methodology for identifying urban growth potential of an area using land use and population data: a case study of Islamabad Zone IV by Muhammad Adeel
13:50 - 14:10	Evaluation indicators for urban ecological security based on ecological network analysis

	by Z.X. Li
14:10 – 14:30	Eco-security monitoring index system for urban development zone by Xiaocui Zhou
14:30 – 14:50	Design and practice of Foshan First Ring Landscaping by Weidong Chen
14:50 – 15:10	Industrial structure change and its eco-environmental influence since the establishment of municipality in Chongqing, China by Jifei Zhang
15:10 - 15:30	Coffee break
15:30 - 17:10	Reviewer Workshop- Chair: Friedrich Recknagel, George Christakos
18:30 - 21:30	Banquet (Banquet Hall on the Second Floor)

August 27, 2010	Meeting Room 5
13:30 – 15:10	Environmental Policy Analysis-Chair: Jianbin Shi
13:30 - 13:50	The impact of improvement in Iran iron and steel production technology on environment pollution by Kiomars. Sohaili
13:50 - 14:10	The general theory of relativity for development economics by Liu Jiancheng
14:10 - 14:30	Evaluation on international environmental protocols by Daitri Chatterjee
14:30 – 14:50	The changes of China’s environmental policies in the latest 30 years by Lijun Wang
14:50 - 15:10	Financial risk management for energy service project under the Tokyo Emission Trading System by Tsuyoshi Yoshioka
15:10 - 15:30	Coffee break
15:30 - 15:50	Watershed eco-compensation mechanism and policy study in China by Lijun Wang
15:50 - 16:10	River basin management based on the mechanisms of water rights trading by Guozhen Zhang, Hui Liu, Dawei Jia
18:30 - 21:30	Banquet (Banquet Hall on the Second Floor)

August 27, 2010	Meeting Room 11
13:30 – 15:10	Hydrological Informatics for Wetlands-Chair: Ainong Li
13:30 - 13:50	Research on the vicissitude of coastline in the estuary of high sediment concentration Yellow River by Qingrong Kong
13:50 - 14:10	Investigation of water pollution in Baiyangdian Lake, China by Y. Zhao
14:10 - 14:30	A comparison study on hydrological modeling of a subarctic wetland system by Bing Chen
14:30 – 14:50	Assessing changes of trophic interactions during once anthropogenic water supplement in Baiyangdian Lake by Ying Yang
14:50 - 15:10	Discharge-salinity relationships in Modaomen Waterway, Pearl River estuary by Z.M. Zhang
15:10 - 15:30	Coffee break
15:30 - 15:50	Aquatic environmental quality variation in Lake Dianchi Watershed by Jing Guan
15:50 - 16:10	Method exploring on dew condensation monitoring in wetland ecosystem by Yingying Xu
16:10 – 16:30	Effect of cultivated ages and degraded levels on the soil nutrient in the alpine region of headwater areas of Qinghai-Tibetan Plateau, China by L. Zhu
16:30 – 16:50	Network structure analysis for environmental flow toward sustainable water use by Yuan Li
16:50 – 17:10	Groundwater dynamic in a wetland-cropland landscape in the Sanjiang Plain by Zhaoqing Luan
18:30 - 21:30	Banquet (Banquet Hall on the Second Floor)

August 28, 2010

August 28, 2010	Meeting Room 3
Time	
08:30 - 17:10	Conference Registration
08:30 – 10:10	Ecological Processes of Wetlands-Chair: Xinghui Xia
08:30 - 08:50	Examination of wetlands system using ecological network analysis: A case study of Baiyangdian Basin, China by Xufeng Mao
08:50 - 09:10	Comparative study on characteristics and influencing factors of soil respiration of reed wetlands in Yellow River Estuary and Liaohe River Estuary by Xianxiang Luo
09:10 - 09:30	Profile distribution of soil nutrients in unrestored and restored wetlands of the Yellow River Delta, China by Haifeng Gao
09:30 – 09:50	Nutrient removal by hybrid subsurface flow constructed wetlands for high concentration ammonia nitrogen wastewater by Xinshan Song
09:50–10:10	Scenario simulation of change of forest land in Poyang Lake watershed by Haiming Yan
10:10 - 10:30	Coffee break
10:30 - 10:50	Concentration, distribution and comparison of total and bioavailable Metals in top soils and plants accumulation in Zanjan Zinc Industrial Town-Iran by A.H. Parizanganeh
10:50 - 11:10	Effect of anaerobic fermentation residues on a chromium-contaminated soil-vegetable system by Na Duan
11:10 - 11:30	A graded sediment transport and bed evolution model in estuarine basins and its application to the Yellow River Delta by Chen Yang
11:30 – 11:50	Heavy metals in water, soils and plants (<i>Scirpus tripueter</i> and <i>Cyperus malaccensis</i>) in riparian wetlands in the Pearl River Estuary, South China by Honggang Zhang
11:50 – 12:10	Evaluation of the economic and environmental impact of converting cropland to forest: A case study in Dunhua county, China by Chunmei Wang
12:10 - 13:30	Luncheon (Western-style Dining Hall on the First Floor)
13:30 – 15:10	Informatics of Biodiversity of Wetlands-Chair: Shikui Dong
13:30 - 13:50	Impacts of Manwan Dam construction on aquatic habitat and community in Middle Reach of Lancang River by Xiaoyan Li

13:50 - 14:10	Assessment of occurrence and concentrations of xenobiotics in three fish species from Lake Naivasha, Kenya by Njogu Paula
14:10 - 14:30	Distribution of organochlorine pesticides and heavy metals in fish collected from Xiaohai Lagoon, Hainan, China by Mangala Yatawara
14:30 - 14:50	Effect of degradation intensity on the ecosystem function of alpine meadow in the headwater areas of Qinghai-Tibetan Plateau, China by Lu Wen
14:50 - 15:10	Implications for freshwater resource management by policy comparative analysis between China and Denmark by Liya Su, Jingling Liu, Per Christensen
15:10 - 15:30	Coffee break
15:30 - 17:10	Geographical Analysis for Regional Development-Chair: Dan Johnson
15:30 - 15:50	Emergy-based urban ecosystem health evaluation of the Yangtze River Delta urban cluster in China by Meirong Su
15:50 - 16:10	Water rights trading: a case study in the Yellow River Basin in China by Luqin Sun
16:10 - 16:30	Environmental impact assessment of land use planning in Wuhan City based on ecological suitability analysis by J. Liu
16:30 - 16:50	Multifunctional offshore wind-farm development under integrated coastal zone management by Pierre-Alexandre Chateau
16:50 - 17:10	Temporal and spatial distributions of soil nutrients in Hani terraced paddy fields, Southwestern China by Baoshan Cui, Hui Zhao
18:30 - 21:30	Dinner (Western-style Dining Hall on the First Floor)

August 28, 2010	Meeting Room 5
Time	
08:30 - 17:10	Conference Registration
08:30 - 10:10	Environmental Geomatics-Chair: Ping Guo
08:30 - 08:50	GIS application in evaluating the potential habitat of giant pandas in Guanyinshan Nature Reserve, Shaanxi Province by Pengfeng Wu
08:50 - 09:10	Detecting of Arasbaran Forest changes applying image processing procedures and GIS techniques by A.A. Rasuly

09:10 - 09:30	Analysis of the impact of land use/land cover change on land surface temperature with remote sensing by Jing Jiang
09:30 – 9:50	Land use/cover change in response to driving forces of Zoige County, China by Pang Aiping
09:50 – 10:10	
10:10 - 10:30	Coffee break
10:30 - 10:50	Spatial analysis of three vegetation types in Xishuangbanna on a road network using the network K-function by Juejie Yang , Shiliang Liu, Shikui Dong
10:50 - 11:10	A study on distributed simulation of soil wind erosion and its application to the Tuhaimajia River Basin by Zhao Yong, Pei Yuansheng
11:10 - 11:30	Effects of land use change on surface water regime by Shahram Khalighi Sigaroodi, Shiva Ebrahimi
11:30 - 11:50	Space and ground water problem in Delhi by Nawal Prasad Singh
11:50 – 12:10	
12:10 - 13:30	Luncheon (Western-style Dinning Hall on the First Floor)
13:30 – 15:10	Analytical and Monitoring Technologies for Environmental Informatics-Chair: Christine Chan
13:30 - 13:50	Polycyclic aromatic hydrocarbons (PAHs) in the air of North East India, Manipur by N. Linthoingambi Devi
13:50 - 14:10	Sensitivity analysis of soil erosion in the Northern Loess Plateau by L. Liu
14:10 - 14:30	The assimilation of historic photography and cartography into long-term coastalgeomorphological analysis by Peter G. Bannon
14:30 – 14:50	Metallomic distribution in various regions of the brain as influenced by dietary intakes and implications by G. L. Wright
14:50 - 15:10	Physico-chemical analysis of the industrial effluents and their impact on the soil microflora by Arminder Kaur
15:10 - 15:30	Coffee break
15:30 – 15:10	Analytical and Monitoring Technologies for Environmental Informatics-Chair: Christine Chan
15:30 - 15:50	Biomonitoring and bioindicators used for river ecosystems: definitions, approaches and trends by Li Li, Binghui Zheng, Lusan Liu
15:50 - 16:10	Emission characteristic analysis of urban domestic pollution sources in

	China by K.R. Zhao, J.Y.Chen, Z.C. Xu, D.Y. Yang, Y. Yang, K. Lin
16:10 - 16:30	Experimental study on oil recovery from petroleum refinery sludge by Jianbing Li
16:30 - 16:50	The influence of BRT on the ambient PM10 concentration at roadside sites of Trans Jakarta Corridors by S.B Nugroho
16:50 - 17:10	The program to improve the air quality of Mexicali, Baja California, Mexico 2010-2015 by Margarito Quintero-Núñez
18:30 - 21:30	Dinner (Western-style Dinning Hall on the First Floor)

August 28, 2010	Meeting Room 7
Time	
08:30 - 17:10	Conference Registration
08:30 - 10:10	Environmental Information Management-Chair: Yuansheng Pei
08:30 - 08:50	Estimation of air pollution parameter using artificial neural network by Carolyn Payus
08:50 - 09:10	Comparison and uncertainty analysis on PAHs source apportionment models by Feifei Zhao
09:10 - 09:30	Clinoptilolite adsorption capability of ammonia in pig farm by Yang Wang
09:30 - 09:50	Ecological compensation mechanism of Xin'an Spring water source protection zone in Shanxi Province by Shen Nan
09:50 - 10:10	Heavy metals in urban soils with various types of land use in Beijing, China by Xi Chen, Xinghui Xia
10:10 - 10:30	Coffee break
10:30 - 10:50	Assessment of river water quality in Pearl River Delta using multivariate statistical techniques by X.Y. Fan
10:50 - 11:10	Ecological network analysis of urban energy metabolic system by Yan Zhang, Junyun Zhang, Zhifeng Yang
11:10 - 11:30	Trans-boundary air pollution in Windsor, Ontario (Canada) by Xiaohong Xu
11:30 - 11:50	Manufacturing industry development in Jiaodong Peninsula based on the awareness of conservation culture by Zhou Jinghua; Han Xue
11:50 - 12:10	Application of copulas as a new geostatistical tool

	by Jing Li
12:10 - 13:30	Luncheon (Western-style Dinning Hall on the First Floor)
08:30 - 12:10	Symposium on Advanced Technologies for Greenhouse Gas Emission Control Chairs: Paitoon Tontiwachwuthikul and Christine Chan
13:30 – 15:35	Session 1: Emerging issues Greenhouse gas Emission Reduction Chairs: Yongping Li and Ryuji Matsuhashi
13:30 - 14:10	Keynote Speech: Global overview of carbon dioxide capture & storage and EOR for climate change mitigation by Paitoon Tontiwachwuthikul, Farshid Torabi, Christine Chan
14:10 - 14:30	An interval full-infinite mixed-integer programming method for supporting energy systems planning in association with carbon dioxide abatement by Y. Zhu, G.H. Huang, Y.P. Li
14:30 - 14:50	Sustainable development under ambitious medium term target of reducing greenhouse gases by Ryuji Matsuhashi
14:50 - 15:10	Emerging issues related to carbon storage and enhance oil recovery by Farshid Torabi
15:10 - 15:30	Coffee break
15:30 - 15:50	An analysis of GHG emission trading system from the perspective of stakeholders by Zhihong Yang
15:50 - 17:10	Session 2: CO₂ Capture and Greenhouse Gas Mitigation Chairs: Paitoon Tontiwachwuthikul and Christine Chan
15:50 - 16:10	Carbon emissions from energy combustion in rural China by Lixiao Zhang
16:10 - 16:30	Advanced carbon capture technologies for greenhouse gas mitigation by Paitoon (PT) Tontiwachwuthikul, Henry Liang
16:30 - 16:50	Estimating CO ₂ emission reduction in eco-point program for green home appliances in Japan by Y. Yoshida
16:50 - 17:10	Monitoring and diagnosis of the carbon dioxide capture process using an intelligent system approach by Qing Zhou
18:30 - 21:30	Dinner (Western-style Dinning Hall on the First Floor)

August 28, 2010	Meeting Room 10
Time	
08:30 - 17:10	Conference Registration
08:30 - 10:10	Environmental Informatics for Human-dominated Production and Consumption -Chairs: Hua Wang
08:30 – 08:50	Keynote speech: Information strategies for pollution control by Hua Wang
08:50 - 09:10	The whole-farm alternative energy sustainable biofuels project by Jennifer Taylor
09:10 - 09:30	Energy efficiencies of industrial sectors for China's major cities by Jiansu Mao
09:30- 09:50	Design of control circuit of grid-connected photovoltaic system based on SPMC75F2413A by Hongmei Ma
09:50- 10:10	The effect of determining gasoline price according to market mechanism on environment pollution by Kiomars Sohaili
10:10 - 10:30	Coffee break
10:30 - 10:50	Agroforestry systems in northern temperate zone under global changes: productive and ecological perspectives by Tingxiang Liu
10:50 - 11:10	Effect of dam construction on spatial-temporal change of land use——A case study of Man-Wan, Lancang River , Yunnan, China by Q.H. Zhao
11:10 - 11:30	Effect of reclamation project on marine ecological environment in Tianjin Harbor Industrial Area by Kunyu Li
11:30 – 11:50	Environmental influence of vacuum preloading dredging project by Jun Yan, Qisong Wang, Ju Zhang
11:50 – 12:10	
12:10 - 13:30	Luncheon (Western-style Dinning Hall on the First Floor)
13:30 – 15:10	Simulation and Optimization of Ecosystems-Chair: Friedrich Recknagel
13:30 - 13:50	Stabilization of ecosystem due to mutual interference between predators by Jianfeng Feng
13:50 - 14:10	Extended exergy-based urban ecosystem network analysis: a case study of Beijing, China by Gengyuan Liu
14:10 - 14:30	Kinetics reaction model of NO Removal in a discharge barrier plasma reactor

	by Jianfeng Zhang
14:30 – 14:50	Evaluation of different aspects of maximum entropy for niche-based modeling by Elis ângela Silva da Cunha Rodrigues
14:50 - 15:10	Information indices from ecological network analysis for urban metabolic system by Shaoqing Chen
15:10 - 15:30	Coffee break
15:30 – 15:50	Simulation of competitive mechanism for limited resources by Two-Species Meta-Populations in two Patches by Liu Kunkun
15:50 - 16:10	Research on developing environmental protection industry based on TRIZ theory by Jing Zhang
16:10 - 16:30	Monitoring of Caspian Sea Coastline changes using object-oriented techniques by A. A. Rasuly, R. Naghdifar, M. Rasoli
16:30 – 16:50	The determinants and control measures of the expansion of aquatic macrophytes in wetlands by Yan Lan, Baoshan Cui, Xia Li, Zhen Han, Wei Dong
16:50 – 17:10	
18:30 - 21:30	Dinner (Western-style Dinning Hall on the First Floor)

August 28, 2010	Meeting Room 11
Time	
08:30 - 17:10	Conference Registration
08:30 - 10:10	Ecological Water Demand-Chair: Baoshan Cui
08:30 - 08:50	Applying multi-source remote sensing data on estimating ecological water requirement in arid and semi-arid region by Yu Zhang
08:50 - 09:10	Study on the simulation of nutrient release from river inner source and its application-A case study of Guangzhou-Foshan river network, China by Xiaoxia Lei
09:10 - 09:30	Simulation-based optimization method for water resources management in Tarim River Basin, China by Y. Huang
09:30 - 09:50	Water simulation method based on BPNN response and analytic geometry by Zhiming Zhang
09:50 - 10:10	Environmental flows management strategies based on the spatial distribution

	of water quality, a case study of Baiyangdian Lake, a shallow freshwater lake in China by Chong Zheng
10:10 - 10:30	Coffee break
10:30 - 10:50	Wavelet analysis on NH ₃ -N pollution index changes of the middle-upper Minjiang River during last 6years by Bo Yu, Cheng-min Huang, Zu-han Liu, Bin Zhang, Fa-chao Qin
10:50 - 11:10	Numerical study of pollutant transport in breaking random waves on mild slope zone by Jun Tang, Lei Cui, Yongming Shen
11:10 - 11:30	Regional rural development, nitrogen input and output in farming-feeding system and its environmental impacts—A case study of the Wuliangshuai Catchment by Yonghong Zhao
11:30 - 11:50	A spatial econometric analysis of causes of forest area change in Northeast China by Wei Huang
11:50 - 12:10	Competitive interaction effects of hydrilla verticillata and vallisneria natans on phosphorus concentrations in water by X.F. Zhang
12:10 - 13:30	Luncheon (Western-style Dining Hall on the First Floor)
13:30 - 15:10	Decision Analysis for Environmental Management-Chair: Gordon Huang
13:30 - 13:50	Integrated water resources management in Peru by Laura E. Higa Eda
13:50 - 14:10	Modeling for environmental-economic management systems under uncertainty by Yanfeng Li
14:10 - 14:30	Uncertainty propagation in environmental decision making using random sets by Kejiang Zhang
14:30 - 14:50	Uncertainty analysis of a spatially explicit simulation for host and parasitoid population interaction dynamic by Cha-Chi Fan
14:50 - 15:10	Development of a GIS-based decision support system for eco-environment and natural resources of Northeast Asia by Weijie Liu
15:10 - 15:30	Coffee break
15:30 - 17:10	Decision Analysis for Environmental Management-Chair: Gordon Huang
15:30 - 15:50	An early warning system for water shortage in basins based on SD model by Yayi Tan
15:50 - 16:10	A multi-level system for delivering biodiversity knowledge, data analysis and pest management recommendations to growers, for environmentally

	sustainable crop protection by Dan Johnson
16:10 - 16:30	Assessing alternatives for sustainable management of a flood control dam by Meng Yang
16:30 – 16:50	Comparison and uncertainty analysis on source identification methods by Feifei Zhao, Yingxia Li
16:50 – 17:10	
18:30 - 21:30	Dinner (Western-style Dinning Hall on the First Floor)

August 29, 2010

August 29, 2010	Meeting Room 3
Time	
08:30 - 16:45	Conference Registration
08:30 - 10:55	Environmental and Ecological Risk Assessment-Chair: Xiaowen Li
08:30 - 08:50	A probabilistic risk forecast of accidental oil spills from ships in Luoyuan Bay, Fujian Province, PRC by Pingting Lian
08:50 - 09:10	Effects of diet intakes on metal and electrolyte distributions in vital organs by S. W. Leung
09:10 - 09:30	A combination weighting method for determining the index weight in geological disaster risk evaluation by Xiwen Qin, Xinmin Wang, Zhansheng Tao
09:30 - 09:50	The ecological vulnerability evaluation in southwestern mountain region of China based on GIS and AHP method by G.B. Song
09:50 - 10:10	Ecological risk assessment of hydropower dam construction based on ecological network analysis by Shaoqing Chen
10:10 - 10:30	Coffee break
10:30 - 10:50	Pollution and potential ecological risk evaluation of heavy metals in the sediments around Dongjiang Harbor, Tianjin by Weihua Guo
10:50 - 11:10	Ecological security assessment of Beijing based on PSR model by Pei Liang, Du Liming, Yue Guiji
11:10 - 11:30	Ecological security assessment of Tianjin by PSR Model by Xiaorui Bai
11:30 - 11:50	Zoning abrupt environmental pollution risk in a mega-city by R.Z. Liu
11:5 - 12:10	
12:10 - 13:30	Banquet (Banquet Hall on the Second Floor)

August 29, 2010	Meeting Room 5
Time	
08:30 - 17:10	Conference Registration
08:30 - 10:10	Ecological Assessment of Environmental Systems-Chair: Kejiang Zhang
08:30 - 08:50	Integration of discrete event simulation methodology with ecological material

	flow analysis for modelling eco-efficient production systems by Bernd Page
08:50 - 09:10	Analysis of electricity subsidies removing in Iran on air pollution by using of VECM by Kiomars. Sohaili
09:10 - 09:30	Assessing effects of dam operation on flow regimes in the lower Yellow River by Yan Yan
09:30 - 09:50	Analysis of trophic status based on water body types in Xixi National Wetland Park, China by Yufeng Li
09:50 - 10:10	An assessment of correlation on MODIS-NDVI and EVI with natural vegetation cover in Northern Hebei Province, China by Zhongfei Li
10:10 - 10:30	Coffee break
10:30 - 10:50	Water pollution characteristics and assessment for Lower Reaches of Haihe River Basin by Xianbin Liu
10:50 - 11:10	An investigation of correlations between different environmental assessments and risk assessment by Kejiang Zhang, Yuansheng Pei , Changjing Lin
11:10 - 11:30	Environmental risk assessment of heavy metals in Bohai Sea, China by Jing Wang, Shang Chen, Tao Xia
11:30 - 11:50	Impacts of environmental factors and human disturbance on composition and diversity of roadside vegetation in Xishuangbanna National Nature Reserve of Southwest China by Shikui Dong
11:50 - 12:10	Exploitation of tidal energy resources in the UK: At what cost? by Richard Burrows
12:10 - 13:30	Banquet (Banquet Hall on the Second Floor)

August 29, 2010	Meeting Room 7
Time	
08:30 - 17:10	Conference Registration
08:30 - 10:10	Carbon Metrics and Ecological Systems Input-Output Modelling-Chairs: Guoqian Chen, John Coulter
08:30 - 08:50	A review of ecological systems input-output modeling by Guoqian Chen, Zhanming Chen, Bin Chen
08:50 - 09:10	Nonrenewability and greenhouse gas emissions of a biofuel system in China by Guoqian Chen, Qing Yang, Coulter J.

09:10 - 09:30	Numerical simulation and evaluation of regional climate change in southwest China by a regional climate model by Di Wu, Yong Zhao, Yuan-sheng Pei, Deng-hua Yan
09:30 - 09:50	Relationship between vegetation greenness and urban heat island effect in Beijing City by X. X. Zhang
09:50 - 10:10	Two-scale input-output analysis for typical urban agglomerations in China by Hui Chen, Guoqian Chen
10:10 - 10:30	Coffee break
10:30 - 10:50	Embodied greenhouse gas emissions of international trade: A case of Macau by T.M. Lei, Zhanming Chen, Guoqian Chen
10:50 - 11:10	Ecological systems input-output modeling: Comparison of different technical schemes by Jiashuo Li, Zhanming Chen, Guoqian Chen
11:10 - 11:30	Consumption-based greenhouse gas emission inventory for China 2007 by Bo Zhang, Guoqian Chen
11:30 - 11:50	Low-carbon ecological wastewater treatment: A constructed wetland in Beijing by Ling Shao, Guoqian Chen, Bin Chen, Zhanming Chen.
11:50 - 12:10	Taylor dispersion in a two-zone packed tube by Zhi Wu., Guoqian Chen, Li Zeng
12:10 - 13:30	Banquet (Banquet Hall on the Second Floor)

August 29, 2010	Meeting Room 10
Time	
08:30 - 17:10	Conference Registration
08:30 - 10:10	Risk Assessment for Wetlands-Chair: Jun Yan
08:30 - 08:50	Effects of water recharge on ecosystem health in Baiyangdian Lake, China by Fei Xu
08:50 - 09:10	The comparative study on the two methods of ecological sensitivity analysis in Huixian wetland, China by Mingwu Zhang
09:10 - 09:30	A novel index system for assessing ecological risk under water stress in the Yellow River Delta wetland by Yan Qin
09:30 - 09:50	Phytoremediation in engineered wetlands: mechanisms and applications by Baiyu Zhang
09:50 - 10:10	Key aquatic environmental factors affecting ecosystem health of streams in the Dianchi Lake Watershed, China by Hang Wen

10:10 - 10:30	Coffee break
10:30 - 10:50	Contamination characteristics of heavy metals in wetland soils along a tidal ditch of the Yellow River Delta, China by Junhong Bai
10:50 - 11:10	Study on the eco-compatibility between port construction and wetland nature reserve by Yan Liu
11:10 - 11:30	Impacts of economic development on ecosystem risk in Yellow River Delta by Qun'ou Jiang, Xiangzheng Deng, Jinyan Zhan, Haiming Yan
11:30 - 11:50	
11:50 - 12:10	
12:10 - 13:30	Banquet (Banquet Hall on the Second Floor)

August 29, 2010	Meeting Room 11
Time	
08:30 - 17:10	Conference Registration
08:30 - 10:10	Wetland Degradation and Ecological Restoration-Chair: Bing Chen
08:30 - 08:50	Wetlands shrink simulation using cellular automata: a case study in Sanjiang Plain, China by Huan Yu
08:50 - 09:10	Evolution of land use policies and its effects on wetlands change in Tianjin Binhai New Area, China by Xuemei Li
09:10 - 09:30	Scenarios of wetland restoration and their ecological risk assessment in Hengshui Lake National Nature Reserve by Chen Liang, Xiaowen Li
09:30 - 09:50	Wetland landscape change in Daliaohe River basin and the driving factors analysis by L. Yu
09:50 - 10:10	Integrated conservation strategies of freshwater wetlands in North China Plain by Xiaowen Li
10:10 - 10:30	Coffee break
10:30 - 12:10	Wetland Utilization and Management-Chair: Zhaoqing Luan
10:30 - 10:50	A conceptual ecological model of Cangzhou Coastal Wetlands, Hebei Province, China by Jianhua Wang
10:50 - 11:10	A comparative analysis on spatial patterns and processes of three typical wetland ecosystems in 3H area, China by Ainong Li

11:10 - 11:30	Wetland landscape change in Daliaohe River basin and the driving factors analysis by Bing Chen
11:30 – 11:50	A landscape approach for wetland change detection (1979-2009) in the Pearl River Estuary by Hui Zhao, Baoshan Cui, Honggang Zhang, Xiaoyun Fan, Zhiming Zhang, Xiaoxia Lei
11:50 – 12:10	
12:10 - 13:30	Banquet (Banquet Hall on the Second Floor)

Poster Exhibition

August 27-29	Meeting Room 1
Setup Time (August 27)	
09:00 - 10:00	Assessment of heavy metal pollution in surficial soils surrounding Zinc industrial complex in Zanjan-Iran by A.H. Parizanganeh, P. Hajisoltani, A.A. Zamani
09:00 - 10:00	Analyzes land-use change and its demographic factors in original-stream watershed of Tarim River based on an integrated methodology of GIS and statistic by Yongliang Shi, Rusong Wang, Jingsheng Li, Dongfeng Yang
09:00 - 10:00	An experimental method for analyzing environmental effects of blowing sands on glass abrasion by Zhi Wang, Lianyou Liu, Xiaoyan Li, Linna Zhao
09:00 - 10:00	Estimation and analysis of net primary productivity of Ruoergai Wetland in China for the recent 10 years based on remote sensing by Bian Jinhu, Li Ainong, Deng Wei1, Ma Liqun, Jiang Jingang
09:00 - 10:00	Construction of a new classifier integrated multiple sources and multi-temporal remote sensing data by Jingang Jiang, Ainong Li, Wei Deng, Jinhu Bian
09:00 - 10:00	Evaluation of emergency planning for water pollution incidents in reservoir based on fuzzy comprehensive assessment by C.Y. Cheng and X. Qian
09:00 - 10:00	An analysis of spatiotemporal changes of urban landscape pattern in Phoenix metropolitan region by Moquan Sha, Guangjin Tian
09:00 - 10:00	Ecological security assessment of Yuan River watershed based on landscape pattern and soil erosion by Zhaoling Zhang, Shiliang Liu
09:00 - 10:00	Research on ANN-based Pre-warning Water Bloom Model of LiuHai Lake in Beijing by Weihua Zeng, Qilong Song, Hengchen Liu
09:00 - 10:00	Numerical modelling for the interpretation of a laboratory mock-up experiment of bentonite/granite interface by Qingchun Yang , Xiang Zhang , Ji Liang , Junwei Yang
09:00 - 10:00	Landscape pattern changes under the disturbance of road networks by S.L. Liu, W. Fu, S.K. Dong
09:00 - 10:00	Driving forces analysis for residential housing price in Beijing (China) by Cheng-jie He, Zhen Wang, Huai-cheng Guo, Hu Sheng, Ri Zhou, Yong-hui Yang
09:00 - 10:00	Numerical model of a long-term in situ diffusion and retention (DR) experiment in Opalinus Clay by Q. C. Yang, X. Zhang, Z. P. Yang, J. Liang
09:00 - 10:00	Study on risk zoning technology of major environmental risk sources in urban scale and

	its application in Shanghai, China by Yang Ya, Junwei Ma
09:00 - 10:00	Degeneration mechanism research of Suaeda heteroptera wetland of the Shuangtaizi Estuary National Nature Reserve in China by Y. Wang, R.H. Liu, H.W. Gao, J. Bai, M. Ling
09:00 - 10:00	Heavy metals contamination and its sources in the Luoyuan Bay by Jinyu Wang, Ruhai Liu, Min Ling, Ping Yu, Aikun Tang
09:00 - 10:00	Distribution characteristics and controlling factors of soluble heavy metals in the Yellow River Estuary and adjacent sea by Aikun Tang, Ruhai Liu, Min Ling, Liaoqi Xu, Jinyu Wang
09:00 - 10:00	A risk assessment on the alga bloom in city-a case of the “six seas” urban lakes in Beijing by Y. Zeng
09:00 - 10:00	Methodology for identifying urban growth potential of an area using land use and population data: a case study of Islamabad Zone IV by Muhammad Adeel
09:00 - 10:00	Seasonal variation of phytoplankton in the DaNing River and its relationships with environmental factors after impounding of the Three Gorges Reservoir: A four-year study by Jia-Lei Zhang
09:00 - 10:00	Integrated conservation strategies of freshwater wetlands in North China Plain by Xiaowen Li, Lina Zhang, Chen Liang
09:00 - 10:00	Scenarios of wetland restoration and their ecological risk assesemtn in Hengshui Lake National Nature Reserve by Chen Liang, Xiaowen Li
09:00 - 10:00	A GIS-based buffer gradient analysis on spatiotemporal dynamics of urban expansion in Shanghai and its major satellite cities by Xiaowen Li
09:00 - 10:00	Effects of reservoir impounding on key ecological factors in the Three Gorges Region by H. C. Dai
09:00 - 10:00	Training a BPN-PLS Model for Inland Lake Chl-a concentration estimation in Northeast China by Kaishan Song
09:00 - 10:00	Relationship between vegetation greenness and urban heat island effect in Beijing City by X. X. Zhang
09:00 - 10:00	The whole-farm alternative energy sustainable biofuels project by Jennifer Taylor
09:00 - 10:00	Exergy = Energy Cost? by John Coulter
09:00 - 10:00	Higher Education Press
09:00 - 10:00	Science Press

Instructions for Oral Presentations

Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Regular Oral Session: about 15 Minutes of Presentation and 5 Minutes of Q&A

Keynote Speech: 30 Minutes of Presentation and 10 Minutes of Q&A

Contact Persons

Junhong Bai

Mob: 13521343219

Bin Chen

Mob: 13811765907

Jingyi Hotel

Address: No. 9 Dazhongsi East Road, Haidian District, Beijing, China.

Zip: 100098

Email: jingyihotel@jingyihotel.com

Tel: 86-10-6216 5588

Reservation Department: 86-400-181-5588

86-010-62165588-1102/1103

Fax: 86-10-8212 5267

Location

The hotel is located in the Haidian District, 40 minutes drive to Beijing Airport. It is surrounded by office buildings in Zhong Guan Cun and 73 universities including Beijing Normal University and 232 institutes are nearby. In addition it is close to Jingchang highway and with easy access to the touring sites like Summer Palace, Ming Tombs and the Great Wall.

