

HydroChange 2008 Program Summary

		Day 1			Day 2			Day 3				
30 September		1 October			2 October			3 October				
Tuesday		Wednesday			Thursday			Friday				
	8:30-9:30	Registration (2nd floor)			9:00-9:40	Keynote speech (Room Gion)			9:00-9:40	Keynote speech (Room Gion)		
	9:30-9:50	Opening Celemony (Room Gion)			9:40-10:40	Session 6 (Room Gion)	Session 3 (Room Kurama)	Session 9 (Room Sakura)	9:40-10:40	Session 11 (Room Gion)	Session 5 (Room Kurama)	Session 10 (Room Sakura)
	9:50-10:30	Keynote speech (Room Gion)										
	10:30-12:00	Session 2 (Room Gion)	Session 8 (Room Kurama)	Session 1 (Room Sakura)	10:40-11:00	Coffee break			10:40-11:00	Coffee break		
					11:00-12:00	Session 6 (Room Gion)	Session 4 (Room Kurama)	Session 9 (Room Sakura)	11:00-12:00	Session 11 (Room Gion)	Session 5 (Room Kurama)	Session 10 (Room Sakura)
	12:00-13:30	Lunch break			12:00-13:30	Lunch break			12:00-13:30	Lunch break		
	13:30-15:50	Session 2 (Room Gion)	Session 8 (Room Kurama)	Session 1 (Room Sakura)	13:30-15:50	Session 6 (Room Gion)	Session 5 (Room Kurama)	Session 9 (Room Sakura)	13:30-15:30	Session 11 (Room Gion)	Session 5 (Room Kurama)	Session 10 (Room Sakura)
15:30-16:00												
16:00-18:00	Registration (2nd floor)	16:00-17:40	Session 2 (Room Gion)	Session 7 (Room Kurama)	16:10-18:00	Poster (Room Gion, Room Kurama)		15:50-16:50	Discussion (Room Gion)			
								16:50-17:20	Closing Celemony (Room Gion)			
		18:20-21:00	Reception (Room Aoi)									

Tuesday 30 September 2008

16:00-18:00	Registration (2nd floor)
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Day 1
Wednesday 1 October 2008

Room Gion				Room Kurama				Room Sakura						
8:30-9:30	Registration (2nd floor)													
9:30-9:50	Opening Ceremony													
9:50-10:30	K-01 (Invited)	Keynote speech Helen Adair Cleugh	Austria	Quantifying land surface evaporation at local and regional scales using flux towers, remote sensing and boundary layer budget methods										
10:30-11:00	02-01 (Invited)	Josef Krecek	Czech	Environmental impacts of the acid atmospheric deposition and forest clear-cut in a mountain catchment	10:30-10:40	08-01	Nobuhito Ohte	Japan	Introduction	10:30-10:50	01-01	Atsushi Higuchi	Japan	Several aspects in land - atmosphere interactions revealed by several earth observation satellites
11:00-11:20	02-02	Masanori Katsuyama	Japan	Effects of various rainfall-runoff characteristics on streamwater stable isotope variations in forested	11:00-11:20	08-02	Tomohiro Akiyama	Japan	Surfacewater-groundwater interaction in the Heihe River basin, Northwestern China	10:50-11:10	01-02	Noam Weisbrod	Israel	The role of cavities in land-atmosphere interactions
11:20-11:40	02-03	Tomoki Oda	Japan	The effect of antecedent moisture condition on storm flow water sources in young forest headwater catchment	11:20-11:40	08-03	Tanya Marree Doody	Australia	Riparian Vegetation Changes from Hydrological Alteration on the River Murray, Australia - Modelling the Surface Water-Groundwater Depend-ent Ecosystem	11:10-11:30	01-03	Yukiko Hisada	Japan	A simulation of sea breeze in Fukuoka facing the Sea of Japan
11:40-12:00	02-04	Takashi Gomi	Japan	Linkages between hillslopes and channels: connectivity of overland flow generation in headwater catchments draining Japanese cypress forest, central Japan	11:40-12:00	08-04	Phattaporn - Mekpruksawong	Thailand	The groundwater condition in saline groundwater area, Thailand	11:30-11:50	01-04	Atsuhiko Takahashi	Japan	Vertical mixing of water vapor between the atmospheric boundary layer and free atmosphere over the Loess Plateau in China
12:00-13:30	Lunch break													
13:30-13:50	02-05	Wei-Li Liang	Japan	Generation of a saturated zone at the soil-bedrock interface around a tree on a hillslope	13:30-13:50	08-05	Yaohu Kang	China	Effect of Saline Water on Cucumber (Cucumis sativus L.) Yield and Water Use under Drip Irrigation	13:30-13:50	01-05	Hai He	China	Characteristics of water vapor content and its budget over Tarim River basin
13:50-14:10	02-06	Yuki Hayashi	Japan	Changes in the hydraulic properties of forest soils resulting from litter removal and compaction by human traffic	13:50-14:10	08-06	Takashi Kume	Japan	The role of monsoon rainfall in desalinization of soil-groundwater system and in vegetation recovery from the 2004 tsunami disaster in Nagapattinam district, India	13:50-14:10	01-06	Ke-Sheng Cheng	Taiwan	Assessing the Impact of Climate Change on Design Storm Depth Using Stochastic Storm Rainfall Simulation
14:10-14:30	02-07	Eero Johannes Kubin	Finland	Impact of forestry practices on groundwater quality in the boreal environment	14:10-14:30	08-07	Nobuhito Ohte	Japan	Ecological functions of groundwater zone in forested headwater catchments: Water storage makes streamwater chemistry more complex	14:10-14:30	01-07	Hemant Chowdhary	USA	Investigating changes in rainfall characteristics using the Copula approach
14:30-14:50	02-08	Zhen-chun Hao	China	Analysis on Characteristics of Climate Changes in Source Region of the Tibetan Plateau	14:30-14:50	08-08	Kenji Kato	Japan	Possible impact of subsurface microbes and their activity on the surface system.	14:30-14:50	01-08	Munehisa K. Yamamoto	Japan	Climatological changes in rain and non-rain days over the East Asian region using long term rain gauge observation
14:50-15:10	02-09	Changming Liu	China	Identification of Climate Changes and Human Activities Impacts on Water Resources in the Yellow River Basin	14:50-15:10	08-09	Yasuhiro Takemon	Japan	Distribution of in-stream fountains and their benthic fauna along the Kamo River in Kyoto City	14:50-15:10	01-09	Qiang Zhang	China	Variability of precipitation extremes for 1960-2005 in the Yangtze River basin and possible association with large-scale circulation
15:10-15:30	02-10	Sima Rahimi Bondarab	Iran	Annual flow trends in mountain region of Iran.	15:10-15:30	08-10	Hiroshi Hirotani	Japan	Effect of stream diversion on densities of Aeromonas hydrophila in a mountain stream in a headwater area	15:10-15:30				
15:30-16:00	Coffee break													
16:00-16:20	02-11	Yuzhong Hu	China	The impact of human activities and ecosystem changes on hydrology in Anhui south mountainous area	16:00-16:20	07-01	Takashi Hasegawa	Japan	2006 Australian drought detected by GRACE					
16:20-16:40	02-12	Myslibor Chalupa	Czech	Mountainous region of the European " Black Triangle " - water resources and their development in the Czech	16:20-16:40	07-02	Keiko Yamamoto	Japan	Improvement of JLG terrestrial water storage model using GRACE satellite gravity data					
16:40-17:00	02-13	Jorge Garcia Molinos	Ireland	Characterising disturbance in aquatic sediment pollution: the relationship between concentration and exposure time	16:40-17:00	07-03	Bashir M. Ahmed	Japan	Remote sensing-based estimates of evapotranspiration for managing scarce water resources in the Gezira scheme, Sudan					
17:00-17:20	02-14	Taro Uchida	Japan	Soil thickness, runoff generation and landslide occurrence in forested headwaters	17:00-17:20	07-04	Pat JF Yeh	Japan	The Role of Shallow Aquifers in the Regional Hydroclimatology					
17:20-17:40	02-15	Lorenzo Marchi	Italy	Climate changes and debris flows in periglacial areas in the Italian Alps	17:20-17:40	07-05	Masayuki Matsuo	Japan	Trend of vegetation activity over Mongolia observed by remote sensing and its relation to the environmental					
18:20-21:00	Reception (Room Aoi)													

Day 2
Thursday 2 October 2008

Room Gion				Room Kurama				Room Sakura						
9:00-9:40	K-02 (Invited)	Keynote Martin John Haigh	UK	Headwater Control: Two Decades of Research and an Agenda for the Future										
9:40-10:00	06-01 (Invited)	William C Burnett	USA	Importance of groundwater discharge in developing urban centers of Southeast Asia	9:40-10:00	03-01	Takahiro Endo	Japan	A Comparative Policy Analysis for Headwater Management	9:40-10:00	09-01	Kai Wang	China	Water resources estimation and allocation in the rapid developing area of China
10:00-10:30	06-02 (Invited)	Jiaryao Chen	China	Surface and groundwater interactions in the lower reach of the Yellow River	10:00-10:20	03-02	Sohei Kobayashi	Japan	Incorporating disturbances and in-channel habitat dynamics in the management of headwater stream	10:00-10:20	09-02	Masafumi Morisugi	Japan	Policy Evaluation of China's Pollution Charge System: with a Measurement Adjusted by Water Quality
					10:20-10:40	03-03	Inom Sherovich Normatov	Tajikistan	A new approach for strategy of Integrated water resources management in mountain Central Asia region	10:20-10:40	09-03	Wei Su	Japan	Prediction of Water Resource Carrying Capacity of Changchun city, northeast China, based on BP neural
10:40-11:00	Coffee break													
11:00-11:20	06-03	Jianzhong Cheng	China	Simulation of Interaction of River water, Groundwater and Sea in the Yellow River delta with the software of	11:00-11:20	03-04	Govind S Rgajwar	India	Government Post Graduate College, HNB Garhwal University, Department of Botany	11:00-11:20	09-04	Junko Aoki	Japan	External Dependency of Water Supply System in Beijing: an application of Water Mileage
11:20-11:40	06-04	Takanori Nagano	Japan	Long-term changes of water and salinity management in Lower Seyhan Plain, Turkey	11:20-11:40	04-01 (Invited)	Martin John Haigh	UK	Teaching Sustainable Headwater Land Management through Problem Based Field Study	11:20-11:40	09-05	Laddaphone Banchongphanith	Japan	Urbanization and water use situation in Beijing, China - an evidence from water production and supply sector
					11:40-12:00	04-02	Masato Kobiyama	Brazil	Implementation of school catchments network for water resources management of the Upper Negro River region, southern Brazil	11:40-12:00	09-06	Akio Onishi	Japan	Study on future water supply and demand in the Yellow River Basin of China based on scenario analysis
12:00-13:30	Lunch break													
13:30-13:50	06-05	Tsutomu Yamanaka	Japan	Intensive groundwater-surface water interaction in an alluvial fan: assessment using a numerical model and	13:30-13:50	05-01	rui rui zhu	China	Distributed simulation of basin water cycle under changing environment	13:30-13:50	09-07	Toshiaki Ichinose	Japan	Estimation of groundwater resource demand in the Yellow River Basin, China
13:50-14:10	06-06	Luminda Niroshana Gunawardhana	Japan	The thermal effect of groundwater flow on temperature distribution in the Sendai Plain	13:50-14:10	05-02	Luca Brocca	Italy	A continuous rainfall-runoff model as a tool for the critical hydrological scenario assessment in natural channels	13:50-14:10	09-08	Karen Ann Bianet Jago-on	Japan	Long-term urban growth and water demand in Asia
14:10-14:30	06-07	Ken'ichirou Kosugi	Japan	Roles of deep bedrock groundwater in surface hydrological processes in a headwater catchment	14:10-14:30	05-03	Edwin A. Combalicer	Korea	Simulating water balance of the small-forested watershed using BROOK90 model	14:10-14:30	09-09	Yonghai Xue	Japan	Impact of Municipal Waste and Waste Water Management Change on Nutrients Flow to Surface Water and Ground Water in Asian Mega-cities
14:30-14:50	06-08	Amgad Salama	Japan	A GIS-based, hypothetical model of groundwater seepage into a former mining open pit: 1. discrete fractures	14:30-14:50	05-04	Liliang Ren	China	Quantitative effect of land use and land cover changes on green water and blue water in Northern part of China	14:30-14:50	09-10	Felino Pullantes Lansigan	Philippines	Frequency Analysis of Extreme Hydrologic Events and Assessment of Water Stress in a Changing Climate in the Philippines
14:50-15:10	06-09	Amgad Salama	Japan	A GIS-based model of groundwater seepage into a former mining pit. II: equivalent porous media model	14:50-15:10	05-05	Takao Masumoto	Japan	Development of a distributed water circulation model for assessing human interaction in agricultural water use	14:50-15:10	09-11	Chieko Umetsu	Japan	Why Farmers Still Invest in Wells in Hard-rock Regions When the Water-table is fast Declining?
15:10-15:30	06-10	Koji Mori	Japan	A High Performance Full-3D Nutrient Transport Modeling based on the Surface water and Groundwater Coupling Technique for the Water Quality Assessment: An Application to the Lake Kasumigaura, Japan	15:10-15:30	05-06	Freddy Angel Soria	Japan	Sensitivity analysis to evaluate the effect of land use change on discharge rate	15:10-15:30	09-12	K. Palanisami	India	Quantifying Vulnerability and Impact of Climate Change on Production of Major Crops in Tamil Nadu, India
15:30-15:50	06-11	Takeo Onishi	Japan	Mechanism for the Production of Dissolved Iron in the Amur River Basin - a modeling study of the Naoli River of the Sanjiang Plain						15:30-15:50	09-13	Satoru Sadohara	Japan	Geospatial information infrastructure and platform development for resolving issues related to water circulation and environment in Kangawa expanded
15:50-16:10	Coffee break													
16:10-18:00	Poster				16:10-18:00	Poster								

Poster (Thursday 2 October 2008)

P01-01	Koji Tamai	Japan	Effects of selective cutting of large trees on transpiration and surface temperature: a predictive study of evergreen-leaf forest in central Cambodia
P01-02	Jiahui Wang	China	Application of Cells' Slope and Aspect on Evaporation Spatial Interpolation in Rolling Terrain
P01-03	Nara Luisa Reis de Andrade	Brazil	The response evaluation of the underground water level of the precipitation in different land covers in the Amazonian basin
P01-04	Shin'ichi Iida	Japan	Contribution of understory vegetation to whole-ecosystem evapotranspiration in an eastern Siberian boreal forest
P01-05	Xi Chen	China	Trend and Extreme Events in Rainfall, Temperature and Runoff in GuiZhou, China
P01-06	Hisahiro Takashima	Japan	Hydrological balance over northern Eurasia from gauge-based high-resolution daily precipitation data
P01-07	Marjana Gajic-Capka	Croatia	Impact of precipitation and air temperature change on discharge in the lowest part of the Drava river basin, Croatia
P02-01	Hao Amin	Japan	Effects of Land Use on Soil Physical and Chemical Properties of Sandy Land in Horqin, China
P02-02	Hiroshi Kodama	Japan	Runoff from grass-covered footslopes of the Asama volcano, central Japan
P02-03	Keitaro Fukushima	Japan	Water yield and nitrogen loss during regrowth of Japanese cedar forests after clearcutting
P02-04	Mo Shu Hong	China	Analysis on the chaotic Characteristics of Annual Runoff in Hotan Catchment
P02-05	Naoko Tokuchi	Japan	Factors controlling stream water chemistry in ten small forested watersheds with plantation forests of various proportions and ages in central Japan
P02-06	Taijiro Fukuyama	Japan	Erosion processes in Japanese cypress plantation catchment estimated from the Cs-137 and Pb-210ex activities in suspended sediment
P02-07	Tomohiro Furuta	Japan	Combined roles of soil horizons and fractured bedrock in subsurface water concentration in a valley-head
P02-08	Yohichi Tanio	Japan	Nitrate and phosphate uptake in a temperate forest stream in central Japan
P02-09	Yuko Asano	Japan	Factors controlling the spatial pattern of the forest vegetation in second growth forest on a steep mountainous hillslope in a warm-temperate region
P03-01	Masatoshi Motoki	Japan	The Change of Water Balance including Municipal and Irrigation Waters -A Case Study of the Koise River Basin, Ibaraki Prefecture, Japan-
P03-02	Lingmei Huang	China	Study on the Suitable Size for Hotan oasis, Xinjiang
P04-01	Takanori Kumekawa	Japan	An attempt of environmental education as a subject on Tagawa river basin
P05-01	Yoshinobu Sato	Japan	An integrated hydrological model for the long-term water balance analysis of the Yellow River basin, China
P05-02	Shufen Sun	China	The development of a simple hydrological model based on Topmodel Shufen Sun(1) and Yao Chu(2) 1.Institute of Atmospheric Physics, CAS,(2) Institute of Mechanics, CAS
P05-03	Emiliano Gelati	Denmark	A hidden Markov model for non-stationary runoff modeling conditioned on El Niño information
P05-04	Oliver Cristian Saavedra	Japan	Flood reduction using a Distributed Hydrological Model coupled to an Optimization Algorithm
P05-05	Qin Xu	China	Simulating hydrological responses with a physically based model in a mountainous watershed
P05-06	Roberto Valmir da Silva	Brazil	Conceptual investigation of time of concentration: Case study of the Pequeno River watershed, S ^o Jos ^o dos Pinhais, PR, Brazil
P05-07	Vahid Nourani	Iran	A combined Neural-wavelet model for prediction of Ligvanchai watershed precipitation
P05-08	Xianghu Li	China	Development and testing of a simple distributed hydrological model for runoff simulation at the catchment scale

P06-01	Yuta Shimizu	Japan	Variation in nutrient load and human activity for last 3 decades in Takaya river catchment, western Japan
P06-02	Keiko Tagami	Japan	Thorium and uranium concentrations in 44 Japanese river waters -Possible uranium addition from agricultural fields to river waters-
P06-03	Kunihide Miyaoka	Japan	Saline Groundwater flow in the Yellow River delta, China
P06-04	Mitsuyo Saito	Japan	Evaluation of sustainable use capacity in groundwater adjacent to tidal river of Seto Inland Sea, Western Japan
P06-05	Naoki Kabeya	Japan	Multi-scale stream water residence time estimations in forested watersheds of central Cambodia
P06-06	Seiya Nagao	Japan	Spatial distribution of fluorescent organic matter in groundwaters at Sanjiang Plain
P06-07	Takahiro Hosono	Japan	Comparative study on water quality among Asian megacities based on major ion concentrations
P08-01	Masayuki Itoh	Japan	Application of stable isotope measurements and microbiological analysis for detecting methanogenic activity in a temperate forest wetland
P08-02	Tomohiro Akiyama	Japan	Human impact on hydrological cycle and natural vegetation in an arid area of Northwestern China
P09-01	Akio Onishi	Japan	Study on sustainable agricultural production and agricultural water use efficiency in the Yellow River Basin of China
P09-02	Feng Shi	Japan	Combinatory Efficiency of Water and Power Transfer Systems in North China
P09-03	Kanichiro Matsumura	Japan	Modeling the Country based Land Use Change and Spatial Distribution
P09-04	Mo Shu Hong	China	Dynamic Carrying Capacity of Urban Water Environment Based on System Dynamics
P09-05	Vincent Kotwicki	Kuwait	Water consumption per capita: how far it can go?
P10-01	Tomomasa Taniguchi	Japan	The restoration of Historical Hydro-environment from Historical Materials and Topographical Maps in Tokyo, Japan
P10-02	Hideki Hamamoto	Japan	Estimation of the past ground surface temperature change from borehole temperature data in the Bangkok area
P10-03	Makoto Taniguchi	Japan	Degradation of subsurface environment in Asian coastal cities
P10-04	Makoto Yamano	Japan	Long-term temperature monitoring in boreholes for studies of the ground surface thermal environment and groundwater flow
P10-05	Rachmat Fajar Lubis	Japan	Reconstructions of climate change and surface warming at Jakarta using borehole temperature data
P10-06	Shusaku Goto	Japan	Ground surface temperature history reconstruction from borehole temperature data in Awaji Island, southwest Japan for studies of human impacts on climatic change in East Asia
P10-07	Takeshi Hayashi	Japan	Land expansion with reclamation and groundwater exploitation in a coastal urban area: A case study from the Tokyo Lowland, Japan
P11-01	Hyo Takata	Japan	The geochemistry of heavy metals, yttrium, and rare earth elements in Wakasa Bay, Japan
P11-02	Masaki Hayashi	Japan	Dissolved nitrogen discharge process in intertidal groundwater, Osaka Bay
P11-03	Motomu Toda	Japan	Modeling water, carbon and iron dynamics in boreal forest ecosystems using an atmosphere-vegetation dynamics model
P11-04	Shigeo Uchida	Japan	Concentrations and distributions of 9 major ions and 54 elements in major Japanese river waters
P11-05	Shin-ichi Onodera	Japan	Topographic effect on seasonal variation in nitrate load from coastal catchments to Seto Inland Sea in western Japan
P11-06	Xinyu Guo	Japan	Spatial distribution of nutrient concentration at areas influenced by Yellow River water
P11-07	Xinyu Guo	Japan	Seasonal variation in nutrients concentration at areas influenced by Yellow River water
P11-08	Guanqun Liu	China	Estimating the submarine groundwater discharge of Yellow River Delta by cross-section method