

PROGRAMME OF THE MIDDLE-EUROPEAN IALE CONFERENCE "Landscape structures, functions and management: response to global ecological change"

FRIDAY, September 3rd, 2010

Plenary session	Opening session	09:00-09:30	Opening of the conference by P. Kovář, Chairman of the conference Welcome address by L. Miklós - Chairman of EALE; minister/ex-minister of Environment of the Czech Republic; dean of Faculty of Forestry and Wood Technology and Chairman of CZ-IALE	
	Global climate dynamics: challenge for conceptual work in landscape science	09:30-09:50	Opening keynote: Adapting landscapes for climate change: linking European policy to local level landscape development (Wageningen University, The Netherlands)	Opdam P.
		09:50-10:10	Keynote: Climate Change in Europe from the IPCC Viewpoint (Czech Hydrometeorological Institute, Czech Republic)	Metelka L.
		10:10-10:30	Keynote: Biological invasions: from organisms to landscapes (University of California, USA)	Rejmánek M.
		10:30-10:50	Keynote: From Ecological Refugees to Human Environmental Migrants. The Conceptualization of Environmentally-induced Migration from the Perspective of Behavioural Geography (Charles University in Prague, Czech Republic)	Drbohlav D. Stojanov R.
		10:50-11:10	Keynote: Are there general laws of landscape structure? Scaling spatial distributions, beta diversity and the species-area relationship (Charles University in Prague, Czech Republic)	Storch D.
		11:10-11:30	Discussion	
		11:30-13:00	Lunch	

Parallel symposium No. 1	Global climate dynamics: challenge for conceptual work in landscape science <i>Guarantors: P. Kovář, P. Opdam</i>	13:00-13:15	Changing functions of the Czech rural landscape: case study from the Central Bohemia	Lipský Z.
		13:15-13:30	Local communities and their risk perception of water: an attempt for deconstruction of global technocratic myth	Lapka M.
		13:30-13:45	The effect of different vegetation types on local climate	Andras Bela O.
		13:45-14:00	Global climate change and prediction of vegetation zones changes in the territory of Czech Republic	Bucek A.
		14:00-14:15	Discussion	
		14:15-14:30	Coffee break	
		14:30-14:45	Systems Dynamics Thinking and Natural Resource Management	Garavito Bermúdez D.
		14:45-15:00	Forest communities of the Russia's Southern Far East in connection with global climatic change	Urusov V.
		15:00-15:15	A Basis for Envisioning Urban Futures: Spatial Correlation of Urban Ecological Values with User-perceived Social Values, Residential Income Levels, and Property Rights/Management in Stockholm, Sweden	Ranara J.
		15:15-15:30	Landscape Classifications of Belarus for Studies of Environmental Change	Kireyeu V.
		15:30-15:45	Discussion	
		15:45-16:15	Coffee break	

Opening of poster session	16:30-17:30	Poster session
---------------------------	-------------	-----------------------

Parallel symposium No. 2	Economy convergence of nature and society under the induced climate pressures and landscape changes	Guarantor: A. Farina	13:00-13:20	Opening keynote: Theory of Resources (GTR) as an epistemological tool to link ecology to economics (The University of Urbino, Italy)	Farina A.
			13:20-13:40	Keynote: Integrating biotope and ecosystem service values into landscape management	Sejak J.
			13:40-14:00	Approaches and compromises to the landscape	Miklós L.
			14:00-14:15	Dependence of organic development on financial support	Drozd J.
			14:15-14:30	Observation, territory and society: convergence points of landscape art and landscape ecology	Sánchez Giner M.
			14:30-14:45	Discussion	
			14:45-15:00	Coffee break	
			15:00-15:15	Biosphere reserves – an effective model of the common property institution ? (Czech Republic case)	Tesitel J.
			15:15-15:30	Convergence of ecological, economic and social aspects facing the problems of landscape and climate change - Meta-scientific approach	Žigrai F.
			15:30-15:45	Paragenese of the zonal landscapes vegetation and dynamics of the climate (Lake Baikal' basin as an example)	Sizykh A.P.
			15:45-16:00	Educational value of ecological network in the Czech Republic	Machar I.
			16:00-16:15	Land acquisition inside Polish national parks – an overview of the environmental effects and process optimisation based on the example of Kampinos National Park (Poland)	Michalska-Hejduk D.
			16:15-16:30	Changing societal preferences and public expenditures for environmental services – a case study in Eastern Germany	Üthes S.
			16:30-16:45	Discussion	
			16:45-17:00	Coffee break	
			17:00-17:15	Landscape changes due to urban sprawl in the Czech Republic	Chuman T.
			17:15-17:30	More Sustainable Municipal Landuse Design	Húsenicová J.
			17:30-17:45	Ecologically valuable landscape elements - a regional analysis in Austria	Prinz M.
			17:45-18:00	Landscape Ecological Structure Analysis of Tehran to Develop Strategies for Improving Environmental Quality	Sotoudeh A.
			18:00-18:15	The role of weather and climate in sustainable development of Nigeria in conflict management in community forestry	Ediang A.
18:15-18:30	Balancing between nature, economy and society conflicting priorities: the Plastiras Lake landscape	Hadjibiros K.			
18:30-18:45	Discussion				

Parallel symposium No. 3	Physical, ecological and socio-economic monitoring for input in scenarios on changing landscapes processes in human-made landscape	Guarantors: R. Jongman, R. Bunce	13:00-13:20	Keynote: Physical, ecological and socio-economic monitoring for input in scenarios on changing landscapes processes in human-made landscape (Alterra, The Netherlands)	Jongman R.H.G.
			13:20-13:40	Keynote: Surveillance and monitoring of European Annex I habitats (Alterra, The Netherlands)	Bunce R.
			13:40-14:00	Climate Change Adaptation Action Plans in European Cities and Regions: Case Study Bratislava	Kozova M.
			14:00-14:15	Development of satellite image database for land resource monitoring	Wakamori K.
			14:15-14:30	Monitoring landscape structure and elements using LUCAS field databases versus remote sensing	Mucher S.
			14:30-14:45	Discussion	
			14:45-15:00	Coffee break	
			15:00-15:15	The indicators of designed landscapes quality and its changes	Salašová A.
			15:15-15:30	The integration of historical maps into the assessment of forest cover dynamics in the south west development region. Romania	Dumitrascu M.
			15:30-15:45	Constructions of vegetation cover cartographical models based on remote sensing information and traditional maps	Krenke A.
			15:45-16:00	Land use / land cover changes and landscape fragmentation in the Romanian plain over the 20th century	Bălteanu D.
			16:00-16:15	Why cultural landscapes have different values? Thinking about heritage landscape evaluation and monitoring tools	Capelo S.
			16:15-16:30	Visual interpretation of key properties in vegetation structure from LiDAR data – potential importance for physical, ecological and socio-economic monitoring	Skånes H.
			16:30-16:45	Discussion	
			16:45-17:00	Coffee break	
			17:00-17:15	Landscape Typology of the Czech Republic - a spatial framework for monitoring of ecological change	Romportl D.
			17:15-17:30	Monitoring Landscape-Level Change Processes in Vegetation Cover	Alphan H.
			17:30-17:45	Monitoring the changing landscapes of the Annapolis Valley region, Nova Scotia, Canada	Colville D.
			17:45-18:00	How will rare species respond to multi-scale environmental changes? A test with endemic plants of high conservation priority	Lomba A.
			18:00-18:15	75 years of ecological monitoring in beach, mixed and spruce virgin forests of Eastern Carpathians, Transcarpathia, Ukraine.	Hrubý Z.
			18:15-18:30	Remote Sensing of Natural Habitats in Israel using BioHab	Levin N.
			18:30-18:45	Towards an open and collaborative scientific society in Europe: who owns and who may use ecological data?	Jongman R.H.G.
			18:45-19:00	Discussion	

Parallel symposium No. 4	Landscape geo-biodiversity and indicators of global ecological change Guarantor: N. Mitchell	13:00-13:20	Opening keynote: Understanding the complexities of species' responses in the landscape to changing climates (The University of Auckland, New Zealand)	Mitchell N.	
		13:20-13:40	Changes in geo-biodiversity as a landscape implication of the climate changes in Sørkappland, Spitsbergen	Ziaja W.	
		13:40-14:00	Dendroindication of landscape functioning under influence of geophysical and antropogenic factors	Diakonov K.	
		14:00-14:15	Adaptive management for protected areas under changing environmental conditions to preserve habitat diversity	Neubert M.	
		14:15-14:30	Biodiversity changes in mountain ecosystems with abundant ant-hills over decades – from grassland towards forest	Raabova J.	
		14:30-14:45	Spatial levels of landscape components interrelationships in broad scale	Merekalova K.	
		14:45-15:00	Discussion		
		15:00-15:15	Coffee break		
		15:15-15:30	Conservation in Sweden: an evaluation of the Swedish model	Axelsson R.	
		15:30-15:45	Landscape modelling approach to assess impacts of urbanisation on ecological capacity in European regions	Zasada I.	
		15:45-16:00	Changing climate and phenological response of five wild plant shrubs in floodplain forest ecosystem in the Czech Republic during 1961-2010	Bartosova L.	
		16:00-16:15	Dynamics of landscapes of the Central Caucasus as indicator of modern climatic and antropogenic changes	Petrushina M.	
		16:15-16:30	Narrow endemic Dianthus callizonus from Romanian Carpathians as indicator of landscape characteristics	Onete M.	
		16:30-16:45	A Gis-based mapping and estimation the current forest landscape state and dynamics	Ryzhkova V.	
		16:45-17:00	Video: The role of protected areas in Extremadura (Spain): Landscape and geo-biodiversity	Alberdi V.	
		17:00-17:45	Discussion		

SATURDAY, September 4th, 2010

Field trip No. 1	08:30-18:00	Changes in landscape in the surrounding of the Nove Mlyny Reservoirs
-------------------------	-------------	---

Field trip No. 2	08:30-18:00	Newly created segments of ecological networks in the agricultural landscape of Moravia
-------------------------	-------------	---

SUNDAY, September 5th, 2010

Parallel symposium No. 5	Ecological planning, landscape management and green networks in areas of different climate zones	Guarantor: T. Wrbka	08:30-08:50	Keynote: How ecological network changes in time and space (University of West Hungary, Hungary)	Konkoly-Gyuro E.	
			08:50-09:10	Landscape functional assessment based on boundaries between patches with different ecological maturity	De Pablo C.L.	
			09:10-09:30	Landscape polarization and nodal regions for nature & culture integration	Veteikis D.	
			09:30-09:45	Multi-scale effect on landscape pattern analysis using satellite data of varying resolution	Yi Z.	
			09:45-10:00	Natura 2000 sites as an asset for rural development – the German-Czech Green Network Ore Mountains project	Bastian O.	
			10:00-10:15	Discussion		
			10:15-10:30	Coffee break		
			10:30-10:45	Detecting Gaps in the Ecological Network of Central European border regions	Neubert M.	
			10:45-11:00	Landscape ecological planning in mosaic landscape	Lakovskis P.	
			11:00-11:15	Riverine landscape connectivity – a methodological approach within the Alpine Space Project ECONNECT	Bou-Vinals A.	
			11:15-11:30	Is there a connection between land use changes and gaps in ecological networks? Model areas of Lower Dyje River area, Bile Karpaty region	Skokanova H.	
			11:30-11:45	The functional role of small scaled ecological networks in conservation of biodiversity – a case study from Lower Austria	Kuttner M.	
			11:45-12:00	Discussion		
			12:00-13:00	Lunch		
			13:00-13:15	The use of modern methods of field data collection for study and management of tropical rainforest in Peruvian Amazonia	Němec P.	
			13:15-13:30	A landscape – based analysis of spatial distribution and dynamics of Tehran urban green spaces	Parivar P.	
			13:30-13:45	Study the role of urban forests on promoting the biodiversity in semi arid area	Lotfi A.	
			13:45-14:00	Montados of Central Alentejo, Portugal - Linking Ecological Functions with Landscape Metrics	Batista T.	
			14:00-14:15	Assessing the impact of roe deer (<i>Capreolus capreolus</i>) damage upon new biological corridors in south Moravia, Czech Republic	Úradníček L.	
			14:15-14:30	Discussion		
14:30-15:00	Coffee break					

Parallel symposium No. 6	Forest and agro-ecosystems: adaptive management approaches	Guarantor: S. Luque	08:30-08:50	Legacies from past management and monitoring of the landscape matrix	Eriksson S.	
			08:50-09:10	Determination of appropriate space scale for land use decisions based on multilevel modelling of landscape processes	Khoroshev A.	
			09:10-09:30	Significance of ancient forests in cultural landscape	Bucek A.	
			09:30-09:45	Scaling up agroforestry developments: the importance of multi-level collaboration for adaptation and household perceptions	Johansson K.	
			09:45-10:00	Climate change impacts on Spruce Bark Beetle <i>Ips typographus</i> (L.) (Col., Scolytinae) voltinism in the Czech Republic	Hlásny T.	
			10:00-10:15	Discussion		
			10:15-10:30	Coffee break		
			10:30-10:45	Vascular plant distribution as a tool for adaptive forest management in floodplain forests in the Dyje River basin	Maděra P.	
			10:45-11:00	Forest and Agro-ecosystem management in the State of Sikkim, India	Sao S.	
			11:00-11:15	Addressing the challenges of landscape monitoring – the CzechTerra landscape inventory	Cienciala E.	
			11:15-11:30	Integrating Knowledge of Institutions and Landscapes to Improve Biodiversity Governance in Belarusian Forests	Shkaruba A.	
			11:30-11:45	Impact of landscape complexity on wireworm attack in potato crop fields	Hermann A.	
			11:45-12:00	Discussion		
			12:00-13:00	Lunch		
			13:00-13:15	Assessment of overgrowing measures in abandoned agriculture landscape in relation with natural and socioeconomic conditions	Gallay I.	
			13:15-13:30	Integration of earth observation data and in situ data from the National Inventory of Landscapes in Sweden	Nilsson M.	
			13:30-13:45	The landscape approach as a tool for adaptive management	Axelsson R.	
			13:45-14:00	Comparison of high forest and coppice forest growth in the Training Forest Enterprise „Masarykův les“ Křtiny, district Hády, Czech Republic	Kneifl M.	
			14:00-14:15	Evaluation of trunk thinning for multiple-use management and long-term monitoring of an oak forest in northern Israel	Kaplan D.	
			14:15-14:30	Spatial distribution of mistletoe <i>Loranthus europaeus</i> Jacq. in oak forests	Matula R.	
14:30-14:45	Discussion					
14:45-15:00	Coffee break					

Parallel symposium No. 7	Natural and restored landscapes: their functions/services as subjects of problem-oriented science <i>Guarantor: K. Prach</i>	08:30-08:50	Opening keynote: Landscape ecology and restoration ecology: What have they in common? (Institute of Botany ASCR, Czech Republic)	Prach K.	
		08:50-09:10	Development of integrative landscape research towards problem-oriented science	Axelsson R.	
		09:10-09:30	Spontaneous succession or forestation: different management of sandy old-fields in Hungary	Csecserits A	
		09:30-09:45	The effect of disturbances on vegetation of dry grasslands	Horčíčková E.	
		09:45-10:00	Technical reclamations of post-mining sites as squandering of diurnal butterflies and moths refuges	Kadlec T.	
		10:00-10:15	Discussion		
		10:15-10:30	Coffee break		
		10:30-10:45	Landscape changes of SE Moravia in the period 1836 - 2006	Mackovčín P.	
		10:45-11:00	Monitoring of Landscape Changes in Japan using MODIS data: Effectiveness of a new concept for 'Landscape Transformation Sere (LTS)'	Harada I.	
		11:00-11:15	Limitation of now-a-days Land Use as a consequence of the past human activity	Ždímal V.	
		11:15-11:30	Assessment and prediction of historical and possible future development of landscape structures in different parts of highway D1	Keken Z.	
		11:30-11:45	Destructive evolution of postmeliorated landscapes of Central Meschera	Kharitonova T.	
		11:45-12:00	Discussion		
		12:00-13:00	Lunch		
		13:00-13:15	Hydrological-climatic function of spontaneous vegetation cover on abandoned military training grounds (Czech Republic)	Petříček V.	
		13:15-13:30	Nuclear and vectorial geosystems of Central Altai	Konchits M.	
		13:30-13:45	Comparing potential reforestation scenarios of a tropical forest – a landscape-scale assessment of impacts on the avifauna	Lung T.	
		13:45-14:00	Analysing the effects of Urbanisation on woodland bird species of Important Bird Areas in Europe	Berges R.	
		14:00-14:15	Local perspectives in landscape restoration: towards multifunctionality in southern border of Dražanská Highlands, South Moravia	Trávníček J.	
		14:15-14:45	Discussion		
14:45-15:00	Coffee break				

Parallel symposium No. 8	Open land for food and/or energy production: How to solve interferences with the goals of nature protection? <i>Guarantor: O. Bastian</i>	13:00-13:20	Ecosystem Services in Energy Crop Production- A Concept for Regulatory Measures in Spatial Planning?	Lupp G.	
		13:20-13:40	Biodiversity compatible biomass production: Interactions with landscape services and steering options	Rode M.	
		13:40-14:00	Dissipative ability of different land cover types with respect to solar energy dissipation. Case study from Třeboňsko model area	Hesslerová P.	
		14:00-14:15	Cultural landscapes as places of regional energy production	Thassler O.	
		14:15-14:30	Discussion		
		14:30-14:45	Coffee break		

Parallel symposium No. 9	Adaptations and functional water management by land use change <i>Guarantor: Ů. Mander</i>	08:30-08:50	The regional distribution of linear landscape elements – impact on water fluxes and multifunctional land use	Meyer B.	
		08:50-09:10	Methodological proposal for the functional assessment of the fluvial systems	Muñoz E.M.	
		09:10-09:30	Climate Change and Anthropogenic Activities on a Tropical Wetland: Need for Proper Adaptation Strategy and Sustainable Management	Nair S.	
		09:30-09:45	Relationship between biodiversity and ecosystem function performance in differently disturbed territories	Cudlín O.	
		09:45-10:00	Multidisciplinary evaluation of impacts of special territorial protection for hydrological important areas in the Czech Republic	Engstová B.	
		10:00-10:15	Discussion		
		10:15-10:30	Coffee break		
		10:30-10:45	Agricultural Risk Model for Water Scarcity	Wagner K.	
		10:45-11:00	The New Umbria Regional Landscape Plan: Adaptations and functional water management by land use change	Panella R.	
		11:00-11:15	River landscape potential for climatic extremes control	Mekotova J.	
		11:15-11:30	Hydrological regime reclaimed and unreclaimed colliery spoil hesps	Cejpek J.	
		11:30-11:45	Integration of Ecological Niche Factor Analysis and IFF measurements for supporting correct restoration strategies in fluvial habitats	Carone M.T.	
		11:45-12:00	Discussion		
		12:00-13:00	Lunch		

Parallel workshop No. 1	15:30-17:00	How to make impact assessments which incorporate spatial pattern of ecosystems and landscapes?
Parallel workshop No. 2	15:30-17:00	Planning and design of ecosystem networks and cultural landscapes in the increased dynamics of climate change?
Gala dinner	19:00-22:00	Wine cellar

MONDAY, September 6th, 2010

Field trip No. 3	08:30-18:00	The landscape of the biosphere reserve of Dolni Morava / the Lower Moravia/
Field trip No. 4	08:30-19:00	Model projects of sustainable regional development in Hostetin and Tvarozna Lhota (by footprints of Prince Charles)

TUESDAY, September 7th, 2010

Post-excursion No. 1	08:00-18:00	The Bohemian Karst Protected Landscape Area and Karlštejn Castle	Start: BRNO Finish: PRAGUE
Post-excursion No. 2	08:00-18:00	Průhonice park – UNESCO protected area & suburban zone of Prague	Start: BRNO Finish: PRAGUE