

<h1>Symposia</h1>				
			Title	1st Author
Thursday 8:30 13:00	Symposium 1	1	Agricultural liberalisation, multifunctionality and the WTO: competing agendas for the future of Europe's farmed landscapes.	C.A.Potter
Chair Jorgen Primdahl		2	US federal agricultural policy in the context of world trade: Linking global change to local landscapes	J. I. Nassauer
		3	Globalisation and the local agricultural landscape: Change patterns and policy developments in three OECD countries	J. Primdahl
		4	New urban-rural relationships and the peri-urban landscape; new approaches in Dutch spatial planning.	M.C.Hidding
		5	Urban agro-activities in Asian mega-cities.	M. Yokohari
		6	The future role of agriculture in a differentiated countryside: example of a typology of rural areas in Portugal.	T.Pinto-Correia
		7	Local landscape consequences of macro scale policy reform.	S R Swaffield
		8	Vulnerability of forested landscapes and landscape changes in Slovenia.	D. Hladnik
		9	Policy options and landscape implications of globalisation in agricultural landscapes: a research agenda	J Primdahl
Tuesday 10:00-15:30	Symposium2	1	Reflecting on the Big Picture for Road Ecology, Transportation, and Society.	R.T.T. Forman
Chair Rodney van der Ree		2	Effects of wildlife passages on the viability of badger populations in the Netherlands.	E.A. van der Grift
		3	A management dilemma – when habitat for threatened species occurs primarily along and across roads.	R. van der Ree
		4	Missing knowledge to reconcile growing road networks to viable (meta)populations.	C.F. Jaarsma
		5	Every organism tells a different story: taxon-dependent effects of road type and distance to roads	E. Meduna
		6	Species level differences in the road effect zone of a major motorway for anuran populations in Ontario, Canada.	F.Eigenbrod
		7	How does the configuration of road networks influence the degree to which wildlife populations are affected by roads?	J. A.G. Jaeger
		8	Road effects on wildcats on different spatial scales.	N. Klar
		9	Road effect on fragmentation of forests and agricultural landscapes: examples from Italy.	E. Padoa-Schioppa
		10	Landscape variables determining movements and road crossing by ungulates.	J.E. Malo
		11	Effects of traffic infrastructure on patch dynamics.	H. Reck
		12	Multi-scale analysis of wildlife crossing structures effectiveness in Spain	C. Mata
Tuesday 13:30-15:30	Symposium 3	1	Variety matters! The planners', lawyers' and the landscape ecologists' view on land consumption combined in an interdisciplinary approach.	H. Wittmer
Chair Dagmar Haase		2	Landscape impact assessment for multifunctional land uses.	K. Helming
		3	Monitoring Urban Sprawl in Germany - Towards a GIS-based Measurement and Assessment Approach.	S. Siedentop
		4	A green infrastructure strategy to enhance the adaptive capacity of restructuring city regions to climate change: the case of Greater Manchester	J. Handley
		5	Urban restructuring in Central Eastern Europe – does the late phase of transition still affect the environment?	A. Vaishar
		6	Too much urban green? the challenge of shrinkage in cities for green space, recreational ecosystem services and public acceptance of related policy strategies.	S. Schetke

Tuesday 13:30-18:00	Symposium 4	1	The efficacy of the urban-rural approach in studying the ecology of human settlements.	M. J. McDonnell
Chair Robbert Snep		2	Beetle assemblages along urban to rural gradients: an international comparison	J. Niemelä
		3	The response of species to urban landscape patterns.	U.M. Mörtberg
		4	Urban soil sealing – key indicator for urban ecological functionality and ecological planning.	J. H. Breuste
		5	Suburban habitats and their role in the urban-rural habitat network: Point of local invasion and extinction?	R.B. Blair
		6	Suburban business and industrial sites: an unexplored opportunity for biodiversity conservation?	R. Snep
		7	Landscape Ecological Indicators to Evaluate Urban Greenland.	W.-C. Su
		8	Patterns of exotic species invasion in fragmented native grasslands along urban-rural gradients in South Africa and Australia.	S.S. Cilliers
		9	Predicting land cover change and avian community responses in rapidly urbanizing environments	J.A. Hepinstall
		10	Shifting the urban landscape paradigm – the ecosystem engineering and design approach.	A. Stokman
		11	Escaped plants from garden into fallow lands in urbanizing rural area: influence of local versus landscape factors.	A. Marco
Tuesday 10:00-12:00	Symposium 5	1	Green Infrastructure for Cities: The Spatial Dimension.	J.Ahern,
Chair Jack Ahern		2	Why patches of fragmented woods in the city? - Contemporary uses of satoyamas in Japanese urban areas as a source of renewable resources.	M. Yokohari,
		3	Green infrastructure: a strategic approach for landscape ecology in urban areas.	P. Pellegrino
		4	Patch Dynamics and Urban Design	S.T.A. Pickett
		5	Ecological Infrastructure and Landscape Urbanism.	J. Koh
		6	Design Ahead of Time: Urban Growth Pattern Based on Ecological Infrastructure	K. Yu
Thursday 8:30 13:00	Symposium 6	1	Assessing the impacts of forest loss and fragmentation on biodiversity in the temperate landscape in south-central Chile	C. Echeverria
Chair: Sandra Luque		2	Testing the ecological principles of forest landscape restoration	N.C. Brouwers
		3	Roads, fire and aggressive competitors: determinants of bird distribution in subtropical production forests	M. Maron
		4	Conservation at large Scale: the Biodiversity Vision of the Atlantic Forest	M. J. Pacha
		5	Economic development and forest fragmentation in the Brazilian Amazon from 1986 to 2000	C.B.A. Bohrer
		6	Conserving Wildlife In Fragmented Forest Landscapes Across Their Geographic Range? A Koala Case Study	C.A. Mcalpine
		7	Assessment of changes in biodiversity levels of forested ecosystems by using remote sensing: a case study in Mozambique	E. Arets
		8	The influence of Prosopis-invasions on the functioning of affected landscapes in Namibia.	P. Smit
		9	Forest disturbance versus landscape metrics	S. R. Freitas
		10	Genetic benchmarks applied to landscape conservation and restoration, a case study of Araucaria angustifolia (Brazil)	J. V. M. Bittencourt
Tuesday 10:00-18:00	Symposium 7	1	Landscape genetics beyond isolation by distance: Adaptive genetic variation in a landscape context.	F. Gugerli
Chair Helene Wagner		2	Gene flow and population boundaries in resistance landscapes	S Cushman

		3	Euclidean distance as a null model: Directed and constrained dispersal in upland water vole metapopulations.	E. Tedesco
		4	What can landscape genetics contribute to landscape ecology?.	V. H. Dale
		5	Molecular genetic testing of landscape ecological hypotheses: the dynamics of amphibian species distributions.	J. W. Arntzen
		6	Inferring the influence of landscape on roe deer gene flow using connectivity estimates based on a weighted combination of several landscape features.	A. Coulon
		7	Influences of landscape features on gene flow of <i>Martes Americana</i> in northern Idaho, USA	T. N. Wasserman
		8	Corridor network connectedness does not necessarily enhance biological connectivity: the case of the landscape genetics and pollen flows of <i>Primula vulgaris</i> in a hedgerow network landscape.	P. Campagne
		9	A comparison of current methods for linking genetic variation to landscape heterogeneity using simulated data.	N. Balkenhol
Chair:		10	Workshop developing a research agenda for Landscape genetics	
		11	Workshop developing a research agenda for Landscape genetics	
		12	Workshop developing a research agenda for Landscape genetics	
Tuesday: 10:00-15:30	Symposium 8	1	Landscape characteristics and aquatic habitats.	E.A. Steel
Chair: Ashley Steel		2	Altered river landscapes in the alpine region: patterns of land use as a crucial factor for the status of the aquatic environment.	M. Poppe
		3	Management of nutrient fluxes in large river basins – the River Danube as an example.	M. Zessner
		4	Impacts of climate and land use change scenarios on water quality of stream.	C. P. Tung
		5	How do landscape scales influence riverine fish in Europe?	S. Schmutz
		6	The role of different spatial scales in structuring riverine fish assemblages in alpine landscapes;	T. Schulze
		7	Landscape characteristics and Pacific salmon distribution: consistent patterns across watersheds.	B.E. Feist
		8	Limiting factors controlling the spatial distribution of redband trout (<i>Oncorhynchus mykiss gairdneri</i>) and their implications across a basin.	L. F. Madriñán
		9	Relating fish assemblages to environmental patterns at three multistate scales.	R.M. Hughes
		10	Impact of barriers on aquatic species composition in Japan.	M. Fukushima
		11	The influence of population dynamics and landscape condition on pacific salmon (<i>Oncorhynchus</i> spp.) re-colonization.	G.R. Pess
		12	Multiscale analysis of the relationship among land use cover and streams water quality in the Venice lagoon watershed.	L. Favero
		13	Aquatic ecosystems in the core Cerrado: environmental impacts and conservation.	F. L. Tejerina Garro
		14	Rivers and roads controlled by, and central players in, urban regions.	R.T.T. Forman
Monday: 13:30-16:30	Symposium 9	1	Approaches to Link Microbial Structures and Processes at the Microscale to Ecosystem Functioning.	A. Ogram
Chair: Jos Verhoeven		2	Progress and challenges in demonstrating riparian buffer effects on nutrient discharges from whole catchments.	D. E. Weller
		3	Linkages between surface and subsurface hydrology and ecological functioning of mangrove ecosystems in Ft. Pierce, Florida.	D.F. Whigham
		4	From the micro- to the macroscale: effects of microbial Fe(III) and sulfate reduction on element fluxes in acidic peatlands.	K. Küsel

		5	Spatio dynamic modelling of the hydrological processes to investigate the functionality of nutrient-retaining landscape features.	P. Merot
		6	The Operational Landscape Unit concept as a guidance for landscape restoration and water quality enhancement.	J.T.A. Verhoeven
		7	Scaling up denitrification in heterogeneous landscapes.	G. Pinay
		8	Hotspots for denitrification and nitrous oxide emission in riparian zones.	M.M. Hefting,
		9	Learning from the past: the impact of human-induced changes to landscape (dis)connectivity on biophysical fluxes.	G. Brierley
Monday: 13:30-18:00	Symposium 10	1	Optimising thematic resolution of landscape metrics for biodiversity monitoring in rural Europe.	D. Bailey
Chair: Bob Bunce		2	Understanding the causes and consequences of landscape change: lessons from the British Countryside Survey monitoring programme.	S.M. Smart
		3	Monitoring at the landscape scale	G. de Blust
		4	Small-scale extraction of non-timber forest products in developing countries – a framework for ecological monitoring.	A. Fröde
		5	Towards a standardized biodiversity assessment approach in topographically complex landscapes.	G. Hofer
		6	Why is strategic conservation monitoring so rare in Europe?	R.G.H. Bunce
		7	The use of species compositional dissimilarity to assess the effectiveness of ecological classification schemes.	B.E. Lawson
		8	Indicators to Monitor changes and conservation in Natura 2000 sites: A focus on drivers, pressures and states.	S. Luque
		9	Large scale land cover classification systems – a pragmatcal appraisal	C. S. Cruz
		10	The NILS programme, monitoring the Swedish landscapes for biodiversity assessment.	A. Allard
		11	Landscape monitoring of Spain based on air photo interpretation of a stratified network of land samples.	R. Elena-Rosselló
		12	Monitoring landscape changes in the Netherlands.	A.J.M. Koomen
Tuesday: 10:00-11:00		13	Monitoring patterns of land cover change in cultural Irish landscapes using landscape metrics and SPOT 5 imagery.	S.J.P. McKenzie
		14	A landscape integrated analysis and classification: application to a river valley in central Spain.	A. Patrono
		15	Introduction to GEOSS	R. Sayre
Chair: Roger Sayre		16	GEO Workshop	
		17	GEO Workshop	
		18	GEO Workshop	
Thursday 8:30 13:00	Symposium 11	1	Conserving species within fragmented landscapes	F. Jopp
Chair: Robert Gardner	Alternative principles for land management	2	Maintaining diversity in developed landscapes	R.H. Gardner
		3	Climatic shifts in fire regimes – new fire management strategies	G.J. Cary
		4	The challenge of restoring disturbed landscape	A. Farina
		5	Turning landscape conservation projects into biodiversity experiments	H.H. Wagner
		6	The use of land use modelling to assess landscape pattern change	P.H. Verburg
		7	Linking landscape characteristics and socio-economic profiles for sustainable impact assessment at the regional level – the Spatial Regional Reference Framework (SRRF)	C. Renetzeder

		8	Using between-patch boundaries parameters for conservation status assessment on coastal dune ecosystems.	M.L. Carranza
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Monday 13:30-1800	Symposium 12	1	Natural expansion of forests on abandoned farmland: effects of changing economy on land use	D. Pettenella
Chair: Tomasso Sitzio		2	Landscape change in the Western United States: the expansion of Pinyon-Juniper woodlands in Central Nevada	E. Lingua
		3	Land abandonment in Hungary and its effects on birds	J. Verhulst
		4	High resolution modelling of the spatial distribution of land abandonment in Europe under various scenario conditions	K.P. Overmars
		5	Successional recovery of the abandoned rice field and its ecological effects in Korea	C. S. Lee
		6	Where do all the trees come from? Land abandonment and forest regeneration in the Swiss Alps	N.E. Zimmermann
		7	Secondary succession: interactions between plants and soil biota	P. Kardol
		8	Recent secondary woodlands in a regional sample of Southern-Alpine abandoned landscapes: implications for restoration ecology and silviculture	T. Sitzia
		9	A landscape level approach to integrate fire risk considerations in forest planning	J.R. González
		10	Forestry and environmental changes of Jebel Ed Dair area Kordofan region, Sudan	N. Dawelbait
		11	Effects of land abandonment and restoration on plant species richness in Scandinavian rural landscapes	R. Lindborg
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Monday: 13:30 - 16:30	Symposium 13	1	Driving forces of landscape change and their implications for landscape management	A.M. Hersperger
Chair: Jesper		2	Discrepancies in scale between stratified sampling based	G. Levin
		3	LIFESCAPE - YOUR LANDSCAPE; implementing actions to create functional European landscapes using landscape identity as an inspiration for economic development	L. Jones-Walters
		4	Simulating the sociometric analyses of landscape changes in GIS framework: An example of the selected town of Karachi metropolis	S. Qureshi
		5	Landscape structure changes related to landscape character assessment and protection	Z. Lipský
		6	The geoaeronomic approach to rural landscapes management: a methodological path to characterize contemporary challenges	D. Rizzo
		7	Scenarios of agricultural and biodiversity change in the mountains of Europe	J. Mitchley
		8	Study of land-use changes and their effects on a distinct landscape located in Piedmont (Italy) applying a new multidisciplinary approach	F. Larcher
		9	Modelling future land use changes in Europe: Applying the MOLAND urban and regional development model in Algarve, Portugal	L.O. Petrov
Monday: 13:30 - 16:30	Symposium 14	1	Introduction to the symposium theme: Climate change in fragmented landscapes; can we develop spatial adaptation strategies?	J. Verboom
Chair: Claire Vos		2	Projecting the shifting climate envelope of species and how the landscape can enhance or hamper the response of populations.	P.M. Berry
		3	The interplay of landscape structure and evolution during range shifting dynamics.	J.M.J. Travis
		4	Large scale modelling of potential future distribution of tree-species under a climate change scenario in central and southern Italy	F. Attorre
		5	Can we mitigate climate change effects on biodiversity at treeline ecotones?	T. Dirnböck

		6	Climate change, habitat fragmentation and the resilience of ecological networks	K. Watts
		7	Adaptation strategies for climate change: what have we got now and how can they be improved?	J. Piper
		8	Adapting the landscape to climate change: linking ecosystem networks.	C.C. Vos
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Tuesday: 16:00-18:00	Symposium 15	1	Using multiple models to elucidate the effects of climate change on floodplain ecology in the Okavango Delta, Botswana.	P. Wolski
Chair: Aat Barendregt		2	Capturing changes in riparian wetlands. Biebrza Wetlands case study	T. Okruszko
		3	Vulnerability of central North American wetlands to climate change	W.C. Johnson
		4	Climate change consequences for tidal freshwater wetlands at the east and west coast of the Atlantic	D.F. Whigham
		5	Consequences of Climate Change for landscape ecological processes in bogs	H. Joosten
		6	Does the NATURA 2000 web still function ? The effects of climatic changes on the dystrophic waters and their dragonfly fauna in the biosphere reserve "Pfälzerwald"	J. Ott
Tuesday: 16:00-18:00	Symposium 16	1	Global climate model data for the Predictive Modeling in Seascapes: Pelagic Seabird-Habitat associations revisited.	F. Huettmann
Chair: John Kie		2	Amphibian physiology and landscape permeability: Modeling thermal landscapes to predict amphibian movements.	P.E. Bartelt
		3	Living on the edge: thermal ecology of ungulates	H. Prins
		4	Thermal heterogeneity and river fish distribution in a groundwater-influenced high desert landscape.	C.E. Torgersen
		5	Modeling large mammals on real landscapes Global climate model data for the Predictive	W. Porter
		6	The role of thermal landscapes in resource selection by black-tailed deer.	J.G. Kie
Monday: 13:30-16:30	Symposium 17	1	Science as a mediator: facilitating a negotiation process between stakeholders on corridor planning	B.J.H. Koolstra
Chair: Laura Musacchio		2	Influencing landscape trajectories through alternative futures analyses	D.W. Hulse
		3	Does conservation need landscape ecology? Does landscape ecology need conservation?	J.A. Wiens
		4	Restoration in the city: insights into the rewilding and recultivating phenomena in the Twin Cities, Minnesota, U.S.A.	L. R. Musacchio
		5	Knowledge transfer from landscape science to practice and back: the role of design as an interface	P. Opdam
		6	Landscape ecology and design principles for sustainability	J. Wu
		7	Managing and planning for sustainability in north Australia's landscapes: reflections on a decade of cooperative research	G. Duff
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Tuesday: 10:00-18:00	Symposium 18	1	Linking science, decision making, and management for landscape sustainability	R. J. Aspinall
Chair: Jane Bolliger		2	Using a landscape ecological approach for the identification of sustainability limits: the scientific and policy challenges	R.H. Haines-Young
		3	Spatial characterization of landscape functions	L. Willemen
		4	Landscape functional response groups: definition, identification and utility for sustainable land management	J.Q. Radford
		5	Multiple functions and multiple ownership patterns; implications for the utilisation of landscape ecological models in decision making	A. Gimona
		6	Mapping landscape-functions at the European scale	F. Kienast
		7	Effects of land-use change on landscape attractiveness	J. Bolliger

		8	Understanding and improving ecological function: guiding landscape restoration on private land in the Australian wheat and sheep zone	D.H. Duncan
		9	Modeling impacts to water quality from future land cover change in the Chesapeake Bay watershed	P. R. Claggett
		10	Optimal localisation of linear landscape elements using multi-criteria optimisation	Meyer, B.C
		11	Ecological restoration priorities for achieving integrated environmental and economic objectives	N.D. Crossman
		12	Alternative Future Growth Scenarios for Utah's Wasatch Front: assessing the impacts of development on the loss of prime agricultural lands	T.C. Edwards, Jr.
		13	Grass strips in the CAP reform: from scientific results to policy making, the loss of efficiency	F. Burel
		14	Structural, functional and temporal fragmentation: the impossibility of pleasing everyone	S.A. Hinsley
		15	Fractal analysis of landscape features in northeastern São Paulo State, Brazil	M.C. Hott
Tuesday: 10:00-17:00	Symposium 19	1	Introduction of the spatial concept: design as a medium for the transfer of scientific knowledge to planning and society	J. I. Nassauer
Chair: Paul Opdam		2	Spatial concepts as vehicles to communicate landscape conservation strategies	L. Ribeiro
		3	A transactional approach to understanding visitor perception of sustainable recreational landscape management strategies	D. G. Pitt
		4	Greenblue landscape networks link private and public interests at different spatial scales: the case of the Hoeksche Waard	E. Stein-gröver
		5	Linking ecological and economic indicators to ecosystem networks for multifunctional participatory landscape planning	W. Geertsema
		6	What are landscape planners up to?	C.v. Haaren
		7	Landscapes of desire or landscapes of fate	M.B. Potschin
Chair Marion Potschin		8	Application of a Leitbild in the pre-alpine Lake District of Salzburg	H. Klug
		9	Landscape visions, urban sprawl and "reality" – an "anatomy" of a transformation	H. Palang
		10	Environmental Minimum Requirements in the assessment and planning of agricultural landscapes	O. Bastian
		11	Fundamentals, Paradigms in Landscape Ecology to create visions	U. Steinhardt
		12	Managing northern Australian landscapes for sustainability: visions, issues and solutions for implementation	D. Pearson
		13	Exploring scenario thinking in the discussion on 'landscape quality objectives' as defined by the European Landscape Convention. Case study - Mértola (Portugal)	I. L.Ramos
		14	Making visions visible	E. Lange
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Tuesday 10:00-17:00	Symposium 20	1	Plant functional group composition and large-scale species richness in agricultural landscapes of Europe	J. Liira
Chair: Julius Oszlanyi		2	The evolution of agrarian practices and its effects on the structure of the enclosures landscape in the Alt Empordà (Catalonia, Spain)	A. Llausàs
		3	Spatial and temporal relationship between forest spaces that contain Shinto shrines and topographical parameters in central Tokyo, Japan	N. Fujita
		4	Continuity and discontinuity of rural landscapes-with some consideration to Poland	B. Bożętko
		5	Pastoral landscapes of the North Caucasus under transition time	R. Gracheva

		6	Land use and land cover change in Olzinelles valley, Montnegre, NE Spain (1924-2006). Linking land abandonment to changes in stream biodiversity	I. Otero
		7	The main principles of formation and evolution of structure of cultural-historical landscapes of Central Russia.	V.A.Nizovcev
		8	Does history really matter? Plant species richness in different fragmented landscapes	S. A. O. Cousins
		9	Can we design transitions in agricultural landscape to sustain ecological processes?	J. Baudry
		10	Cultural landscape of the Carpathians and the value of landscape and diversity	J. Oszlányi
		11	Diversity of semi-natural grasslands in a changing rural landscape	L. Halada
		12	Managing landscape diversity in Northern Portugal	M. T. Andresen
		13	Adopting the precautionary principle in designing and managing NATURA 2000 – areas	O. Bastian
		14	The Swiss agri-environmental programme and its effects on selected biodiversity indicators at different scales	P. Jeanneret
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Monday: 13:30 - 16:30	Symposium 21	1	Landslides, land-use change, and carbon dynamics in the Sierra de Las Minas, Guatemala	C. Restrepo
Chair: Felix Herzog		2	Landscape scale temperature predictions and vegetation models in mountainous regions	M.B. Ashcroft
		3	Landscapes, habitats and biodiversity in the Swiss Alps: changes, causes and prospects	J. Stöcklin
		4	The Carpathians – Large Scale Transformation versus Conservation	J. Oszlányi
		5	European mountain zones	M.J. Metzger
		6	Values and threats in Swedish Mountain landscapes – methods to assess landscape characteristics	M. Ihse
		7	Assessing the role of transhumance in the sustainability of European mountain environments: the TRANSHUMOUNT project	M. Pérez-Soba
		8	Landscape's diversity in the alpine belt of the Greater Caucasus	E.A. Belonovskaya
		9	Landscape patterns in biogeographical mountain regions: an approach from the natural protected areas of the Catalan	D. Varga
Thursday: 11:00-13:00	Symposium 22	1	The avifauna of agricultural land mosaics: how do the structural properties and countryside elements of productive landscapes affect bird occurrence?	A. Haslem
Chair: Aat Barendregt		2	Here today, gone tomorrow? Quantifying the decline in occurrence of Malleefowl (<i>Leipoa ocellata</i>) in Western Australia.	B.C. Parsons
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		4	How are landscape and environmental factors related to forest tree species richness in a Mediterranean context?	O. Torras
		5	A farmer typology for modelling multiple land-use change at the regional level.	D. Valbuena
		6	How landscape ecology concepts can be applied to make policy for landscape reclamation.	F. Azari-Dehkordi
Thursday: 8:30-13:00	Symposium 23	1	Land-cover change and its impact on nutrient export variance	J.D. Wickham
Chair: Felix Müller		2	Concepts of landscape assessment and landscape security	F. Müller
		3	Change analysis of landscape disturbance: A spatial-temporal epidemiological approach	J.W. Coulston
		4	A Landscape Analysis of Europe	K.B. Jones
		5	Concepts and methods for interdisciplinary land-cover pattern assessment	K.H. Riitters
		6	Monitoring landscape spatial patterns: morphological concepts and biodiversity related applications	P. Vogt

		7	Landscape Modelling and Landscape Scenarios – Challenges for Integration of Anthroposphere and Biosphere Processes	R. Seppelt
		8	Indicators for Multifunctionality Impacts in Landscapes	H. Wiggering
		9	Landscape change assessment: integration of remote sensing, GIS and spatial modelling concepts	T. Blaschke
		10	Spatial correlograms and landscape metrics as indicators of land use changes	Ü. Mander
		11	Landscape monitoring and landscape change	W. Fjellstad
		12	Source/sink patterns of disturbance and cross-scale effects as a template for environmental security assessment in a panarchy of social-ecological landscapes	N. Zaccarelli
Tuesday: 10:00-15:30	Symposium 24	1	The Crisis And Rehabilitation Opportunities Of Urbanization In Urban Fringe Rural Settlements□A Case Study Of Taoyuan Region,	M. Kuo
Chair: Li Xiuzhen		2	Rural landscape changes and its effects on vegetation dynamics in Korea and Japan	J.-E. Kim
		3	Long-term changes within China's densely populated rural landscapes	E.C. Ellis
		4	Land Use Based Identification of Agricultural Factors for Improving Sustainable Land Resource Management in Northern Thailand - A Case Study in the Chiang Mai Province	Y. Jiang
		5	Quantifying habitat loss of hygrophytes in regional scale as the base for nature restoration	M. Kamada
		6	Landscape ecological study on water demand and sustainable water resource management in relation to social development of Hiroshima city	A. Kikuchi
		7	Cause and consequence of landscape changes of island and coastal area in Korea	S.-K. Hong
		8	The environmental effects of different land use/land cover in the loess hilly area, China	L. Chen
		9	Agricultural landscape pattern and its spatial relationship with forestland in the state of Selangor, peninsular Malaysia	S.A. Abdullah
		10	Assessing Impacts of Human Activities on Riparian Wetlands of the Yellow River in He'nan Province Using Remotely Sensed Data	D. Shengyan
		11	The Urbanised Avian Pondscape: How to Create a Balancing Bird Demand Model?	Wei-Ta Fang
		12	Hierarchical theory in the management of fragile subwatersheds --- a case study of Zhifanggou watersheds in hilly gullied Loess Plateau, China	Z.H.Kong
Tuesday: 13:30-18:00	Symposium 25	1	The role of landscape science in higher education in Europe: the ATLAS experience.	G.B.M. Pedroli
Chair: Dirk Wascher		2	From Landscape Character Assessment to Sustainable Design – Tools for Planning and Policy	D. Wascher
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		4	Developing a science-based approach for delineating natural heritage system in Southern Ontario	D. Puric-Mladenovic
		5	Habitat opportunity mapping at the landscape scale in the UK	G.H. Griffiths
		6	The assessment of landscape diversity for the purposes of spatial organisation of tourism: the case study of Brest region	I. I. Schastnaya
		7	Evaluating the impact of integrated catchment management interventions on provision of ecosystem services using GIS	F. Karanja
		8	Comparative review of European national and international landscape classifications with regard to future applications,	G. Groom
		9	European Landscape Typologies as a Reference Base for Data on Cultural Heritage and Traditional Knowledge Systems in the Mediterranean.	T. Kizos
		10	Risk and vulnerability of landscape identity	É Konkoly-Gyuró
		11	Landscape characterisation in Belgium: integration of different scale levels and analysing temporal differences.	V. Van Eetvelde

		12	Defining and mapping the landscapes of Italy.	C. Blasi
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