Programme overview

Monday 8 September	
17.00-21.00	Registration
18.30-	*Welcome Reception*

Tuesday 9 September	
08.00-18.00	Registration / Information desk
09.00-09.40	**Opening Ceremony**
09.40-10.15	**Plenary Session 1** Keynote lecture: **Spyropoulou R.**
10.15-10.50	**Plenary Session 2** Keynote lecture: **Miko L.**
10.50-11.20	Coffee Break
11.20-12.40	**Parallel sessions 1-7:** **1. restoration of eroded or former mining areas (1)** **2. socio-economic and policy issues of ecological restoration (1)** **3. Natura 2000: environmental conditions and external influences on habitats** **4. restoration of forest ecosystems (1)** **5. restoration of dry and moist grasslands (1)** **6. the challenge of climate change and natural dynamics (1)** **7. restoration of wetlands (1)**
12.40-14.00	Lunch
14.00-14.35	**Plenary Session 3** Keynote lecture: **Winkler S.**
14.35-14.40	*Transition time*
14.40-16.00	**Parallel sessions 8-14:** **8. restoration of eroded or former mining areas (2)** **9. socio-economic and policy issues of ecological restoration (2)** **10. identifying appropriate conservation and restoration objectives (1)** **11. restoration of forest ecosystems (2)** **12. restoration of dry and moist grasslands (2)** **13. the challenge of climate change and natural dynamics (2)** **14. restoration of wetlands (2)**
16.00-16.30	Coffee Break & Poster Viewing
16.30-17.00	**Poster Session 1**
17.00-18.20	**Parallel sessions 15-20:** **15. restoration of eroded or former mining areas (3)** **16. Drivers of change in ecological restoration** **17. identifying appropriate conservation and restoration objectives (2)** **18. restoration of forest ecosystems (3)** **19. restoration of dry and moist grasslands (3)** **20. restoration of rivers and floodplains(1)**
18.30-19.30	SER Members Meeting

Wednesday 10 September	
08.00-12.00	Registration / Information desk
08.30-09.05	**Plenary Session 4** Keynote lecture: **Harris J.**
09.05-09.40	**Plenary Session 5** Keynote lecture: **Opdam P.**
09.40-10.10	Coffee Break
	Parallel sessions 21-26: **21. Estuarine restoration ecology along the path of changes** **22. socio-economic and policy issues of ecological restoration (3)** **23. restoration of heathlands (1)** **24. restoration of forest ecosystems (4)** **25. restoration of dry and moist grasslands (4)** **26. Large river restoration: water framework directive versus stakeholder interests**
12.10-12.30	**Transition time to excursions**
12.30-19.00	**Excursions**

Thursday 11 September	
08.00-18.00	Registration / Information desk
08.30-09.05	**Plenary Session 6** Keynote lecture: **de Groot R.**
09.05-09.40	**Plenary Session 7** Keynote lecture: **Cunningham S.**
09.40-10.10	Coffee Break
10.10-12.10	**Parallel sessions 27-32:** **27. restoration of tidal ecosystems (2)** **28. Integrated restoration programs: How to maximize long-term monetary and political support for ecological restoration at the community, regional, and national levels** **29. restoration of heathlands (2)** **30. restoration of peatlands (1) national/regional approaches** **31. restoration of dry and moist grasslands (5)** **32. restoration of rivers and floodplains (3) vegetation ecology**
12.10-13.30	Lunch
13.30-14.05	**Plenary Session 8** Keynote lecture: **Keulartz J.**
14.05-14.10	*Transition time*
14.10-15.30	**Parallel sessions 33-38:** **33. restoration of tidal ecosystems (3)** **34. socio-economic and policy issues of ecological restoration (4)** **35. One step beyond: creating futures, a relevant ecology** **36. restoration of peatlands (2)** **37. Combining restoration and agriculture in semi-natural grasslands: benefits and constraints** **38. restoration of rivers and floodplains (4)**

15.30-16.00	Coffee Break & Poster viewing
16.00-17.00	**Poster session 2**
17.00-18.00	**Parallel sessions 39-44:** **39. restoration of tidal ecosystems (4)** **40. socio-economic and policy issues of ecological restoration (5)** **41. The emperor's new clothes: Can you see them? Placing your work in a true cultural context** **42. restoration of peatlands (3) fauna** **43. restoration of coastal grasslands** **44. restoration of rivers and floodplains(5), invasive species**
18.00-19.00	**Open Session:** Preparation Conference Conclusions
20.00-23.30	**Conference Banquet**

Friday 12 September	
08.00-12.00	Registration / Information desk
09.00-09.35	**Plenary Session 9** Keynote lecture: **Pullin A.**
09.35-10.10	**Plenary Session 10** Keynote lecture: **Putwain P.**
10.10-10.40	Coffee Break
10.40-12.20	**Parallel sessions 45-50:** **45. restoration of marine and coastal ecosystems** **46. socio-economic and policy issues of ecological restoration (6)** **47. Biogeochemistry in Restoration Ecology** **48. restoration of peatlands (4)** **49. restoration of coastal dune ecosystems** **50. restoration of rivers and floodplains(6)**
12.20-13.20	Lunch
13.20-13.55	**Plenary Session 11** Keynote lecture: **Hobbs R.**
13.55-15.00	**Closing Plenary Session 12** Keynote lecture: **Hoffmann M.**
15.00-15.30	Coffee Break and Farewell

Tuesday 9 September Parallel Session 1-7 11.20-12.40				
Auditorium **restoration of eroded or former mining areas (1)**	003 Ecological succession after reclamation treatments on eroded area in South-Iceland	004 Reassessment of different methods for revegetation of sandy slopes in continental Northern Norway	005 Assessment of revegetation efforts: a suggestion for an evaluation scheme	006 Revegetation of roadsides in Central Spain: factors controlling seed germination and plant establishment
Van Rysselberghe **socio-economic and policy issues of ecological restoration (1)**	007 Dealing with ethics in restoration in a pluralistic society	008 Ecological footprint of tourism in protected areas	009 Stay at home: cultural tourism of the local	010 Bringing people together through Natura 2000. Tell me and I will forget .... Show me and I may remember.... Involve me and I will understand
Van der Goes **Natura 2000: environmental conditions and external influences on habitats**	012 Ecological requirements of habitats in Dutch Natura 2000 sites	013 External environmental influences on Natura 2000 sites in the Netherlands	014 Critical limits of nitrate for the favourable conservation status of transitio mires and quaking bogs (7140), Cratoneurion (7220) and Alkaline fens (7230)	015 Implementation of monitoring of 'Structure & Function' in the Netherlands
Hubert Van Eyck **restoration of forest ecosystems (1)**	016 Restoration of woodpastures on former agricultural land in Flanders (N-Belgium)	017 Recovering herb layer vegetations in post-agricultural forests: are forest plants able to recruit after introduction?	018 Multispecies approach supporting management practice in the forest of the low Campine. Naturalist volunteer meets professional manager	019 Restoration of wild forested areas in floodplains through application of naturalness concepts
Jan Van Eyck **restoration of dry and moist grasslands (1)**	020 The importance of the geomorphological footprint in planning landscape restoration; a case study of inland drift sands in the Netherlands	021 Understanding distribution patterns of invertebrates within inland drift sands using life-history tactics and feeding guilds	022 *Campylopus introflexus* as a nitrogen deposition dependent ecosystem engineer in inland dunes	023 Restoration of an extensively grazed alluvial landscape – résumé after six years
Bauwens **the challenge of climate change and natural dynamics (1)**	024 Identifying climate change proof ecological networks and priority adaptation zones	025 Ecological restoration and climate change: legal challenges	026 Floodplain forests and climate change – current state and future patterns	027 Impact of climatic warming on larval development of *Pelophylax esculentus* (Amphibia, Ranidae) tadpoles from two different habitats, and acclimatation ability
Baekeland **restoration of wetlands (1)**	028 Integrating objectives for the restoration of wetlands in intensively irrigated territories	029 Sustainable compensation measures for wetland restoration	030 Ecological restoration with ecoremediation in protected area	031 Nature restoration and management in a coming Nature Park Aamosen, NW-Zealand, Denmark – A multidisciplinary approach

Tuesday 9 September Parallel Session 8-14 14.40-16.00				
Auditorium **restoration of eroded or former mining areas (2)**	033 How does surrounding vegetation influence succession in disturbed sites? Consequences for restoration	034 Early growth dynamics of some frequently hydroseeded species in coal reclamation: the influence of aspect in Mediterranean environments	035 How can earthworms help us with revegetation of disturbed areas?	036 A geomorphic approach for the ecological restoration of Kaolin mines at the Upper Tagus Natural Park (Spain)
Van Rysselberghe **socio-economic and policy issues of ecological restoration (2)**	037 Innovative legal instrument for ecological restoration	038 Transdisciplinary approach in participative processes to a local scale management of landscape resources	039 View from the ground: the dirty work of restoration on private property	040 Economic effects of raising the water level
Van der Goes **identifying appropriate conservation and restoration objectives (1)**	041 Bottom-up ecological restoration of habitats: when the spatial and temporal configuration of ecological resources do matter – Lessons from butterflies	042 The GraS-Model (Grassland-Succession-Model) – A simulation model for the succession of grassland biotopes under various management regimes (developed for the Eifel National Park)	043 Iteratio: from vegetation map to abiotic patterns and processes	044 Applying species distribution modelling for the conservation of the threatened saproxylic Stag Beetle (*Lucanus cervus*)
Hubert Van Eyck **restoration of forest ecosystems (2)**	045 Transition of a managed forest towards a natural one – A forest history and stand survey study of an oak forest reserve	046 The production of autochthonous planting stock as a tool for successful ecological restoration of wooded landscape elements	047 A protection plan for Stag beetle (*Lucanus cervus*) based on his landscape requirements and colonisation capacity	048 Dead wood accumulation in previously managed oak and beech woodlands in North-West and Central Europe
Jan Van Eyck **restoration of dry and moist grasslands (2)**	049 Steppe restoration by hay transfers	050 Restoration of pannonic sandy grassland habitat on abandoned agricultural fields	051 Successful establishment of the Natura 2000 species *Pulsatilla patens (L.) Mill*. in newly restored calcareous grasslands	052 Recreation of semi-natural grasslands: assessing hay transfer and seed-sowing methods
Bauwens **the challenge of climate change and natural dynamics (2)**	053 Restoration and vegetation stability	054 Salt marsh restoration and creation: ways to Global Climate Change adaptation and mitigation	055 Focusing on spatial and temporal scales in dynamic nature management on the Dutch Wadden Sea Islands	056 Ecological restoration: natural dynamics hindered by a static legal system?
Baekeland **restoration of wetlands (2)**	057 Wet meadow restoration at lake Mikri Prespa, Greece: results of vegetation monitoring (2002-2007)	058 Networking of five life-nature projects in Greek Ramsar wetlands: lessons learnt from vegetation management and monitoring activities	059 Twenty years of ecological restoration in lake Ijsselmeer. Lessons learned and unintended yields for the water framework directive and Natura 2000	060 Changes in the radio-ecological and ecotoxicological state of the Lake Druksiai and implication for the lake ecosystem in 1988–2007

Tuesday 9 September Parallel Session 15-20 17.00-18.20				
Auditorium **restoration of eroded or former mining areas (3)**	110 Restoration of open pit coal mining deposits – case study from Kolubara lignite basin (Serbia)	111 Ecological restoration of gypsum quarries in Southeast Spain	112 Soil biota in post mining sites bioindication of ecosystem restoration and role in pedogenesis	113 Potential of restored landfill sites for biodiversity conservation in the UK and its context to landscape
Van Rysselberghe **Drivers of change in ecological restoration**				
Van der Goes **identifying appropriate conservation and restoration objectives (2)**	115 Implementation of the Habitats Directive: Identifying major challenges and possible ways of solution considering dynamic approaches	116 Balancing Natura priorities on a National Nature Reserve in Scotland	117 Strengths and weakness of the bureaucratic procedure for a-priori evaluation of restoration projects: two case studies from the Lazio Region	118A tropical forest at the coastal Lomas of Peru: should we restore a fog oasis or the lost garden of the Incas?
Hubert Van Eyck **restoration of forest ecosystems (3)**	119 Conservation and reforestation strategies for the habitat 9210* Apennine beech forests with *Taxus* and *Ilex*	120 Forest restoration in Finland – Monitoring scheme and first results	121 Lessons learned from a large scale restoration program in Portland, Oregon: the watershed revegetation program	122 Mapping biologically important forests – Towards the restoration of a trans-European forest mega-corridor
Jan Van Eyck **restoration of dry and moist grasslands (3)**	123 Restoration of species-rich mesophilous meadows by hay transfer: which results do we have after four years?	124 Grassland restoration in practice – Do we achieve the targets?	125 Habitat networks for dispersal-limited plant species have to be connected on a small scale	126 Impacts of changing ratios of reduced to oxidised nitrogen deposition: case studies in acid grassland and fen ecosystems
Bauwens **restoration of rivers and floodplains(1)**	127 Liveable and attractive urban rivers - the ecological dimension of the Emscher project in Germany	128 Global change constraints and opportunities for the restoration of large river floodplains	129 Hydromorphological aspects in the restoration of river habitats and species in the context of the common Meuse restoration programme	130 Nature development and 14 years of vegetation succession in the foreland of the river Waal (the Netherlands)

Wednesday 10 September Parallel Session 21-26 10.10-12.10						
Auditorium restoration of tidal ecosystems (1) Estuarine restoration ecology along the path of changes	134 Habitat recreation in estuaries - triple-wins for society and ecology giving flood protection, economic benefits and ecological well-being	135 Managing the impacts of industry on habitats: case study of the Humber estuary, UK	136 Creating and restoring habitat while managing flood risk on the Humber	137 Regeneration of German estuaries: status, measures and perspectives	138 The north mudflat of the Seine estuary: how much surface needs to be restored?	139 Experimental restoration sites in the Seine estuary (France): premises to long term restoration plan?
Van Rysselberghe socio-economic and policy issues of ecological restoration (3)	140 Possibilities for relocating coastal breeders in economical important areas	141 The compati-bility of temporary nature with European Nature Conservation Law	142 Five years of monitoring and the compensation process for expansion of the Antwerp harbour	143 EcoTRADE – Investigating the suitability of trad-able permits for biodiversity conservation in changing landscapes	144 Advances in restoring European sites through the review of decades of permitting pressures; Humber Estuary SAC thermal plumes and lamprey investigations	145 How to assess liability for ecological damage in international law
Van der Goes restoration of heathlands (1)	146 Restoring species-rich heathlands: finding the right sites with potential for high biodiversity	147 Status of *Juniperus communis* in Flanders and actions needed for its long-term survival	148 Balancing the interplay of grass and heather vegetation using adjusted fertilization in restoration of heathland vegetation	149 Restoration of former cornfields on acid sandy soils: sod-cutting, grazing or afforestation?	150 Ecohydrology and advising bog and heath restoration in Campine region, Belgium	151 Long-term restoration of deteriora-ted heaths and acidic grass-lands in the Netherlands:an overview
Hubert Van Eyck restoration of forest ecosystems (4)	152 Key issues for the success of forest restoration projects in Natura 2000 sites in Greece	153 Management recommendations and performances for more effective conservation of the Spanish imperial eagle's (*Aquila adalberti* BREHM, 1861) habitat and populations	154 Proposals and performances for restoration and conservation of Cantabrian capercaillie (*Tetrao urogallus cantabricus*, Castroviejo 1967) habitat and populations	155 Effects of late-season fertilisation on field performance of *Quercus rotundifolia* seedlings	156 Forest edge shape influence in woody species colonization: application in coal wastes restoration	
Jan Van Eyck restoration of dry and moist grasslands (4)	157 Restoration and management of calcareous grasslands: ss there a trade-off between species diversity of cryptogams and vascular plants?	158 Restoration assessment of calca-reous grasslands in Belgium: soil conditions and floristic diversity	159 Restoration of fallow dry grasslands in cooperation with local farmers	160 Ecological resto-ration of species-rich calcareous grass-lands in the Netherlands: perspectives and constraints	161 What reference ecosystem for semi-natural Mediterranean dry grassland restoration?	162 Differences and similarities in road verge and pasture vegetation – The effect of management
Bauwens Large river restoration: water framework directive versus stakeholder interests	164 Large river restoration: concepts & experiences from the Danube	165 A comprehensive monitoring concept for a large river restoration project on the Austrian Danube	166 Considerations to reduce environmental impacts of vessels	167 Ecological rehabilitation of the large rivers Rhine and Meuse in the Netherlands	168 Macro-invertebrate sampling in Large Rivers - Implications for assessing the ecological status according to the WFD	169 Assessment of ecological reference conditions and delineation of environmental objectives for the restoration of the Szigetköz floodplain of the Danube

Thursday 11 September Parallel Session 27-32 10.10-12.10						
Auditorium **estoration of tidal ecosystems (2)**	172 Conservation objectives revisited: how to deal with changing systems and increased knowledge?	173 The construction of a salt marsh in the Eastern Scheldt, the Netherlands	174 First results of intertidal habitat restoration at Lippenbroek (Belgium), a flood control area with a controlled reduced tide	175 Recovery of estuarine tidal mudflat sediments after hypoxia: the structuring role of macrofauna recolonization	176 Have we witnessed a regime shift in the freshwater tidal reaches of the Schelde estuary?	177 Tidal marsh modelling in the Schelde estuary to determine restoration potential of managed realignments
Van Rysselberghe **Integrated restoration programs: How to maximize long-term monetary and political support for ecological restoration at the community, regional, and national levels**						
Van der Goes **restoration of heathlands (2)**	179 Spider assemblages occurring on former agricultural land after top-soil removal in the Northern provinces of the Netherlands	180 Habitat restoration for the endangered *Maculinea alcon* butterfly: effects of sod-cutting and liming on recolonisation	181 Nature in defence: LIFE project DANAH	182 Possible mechanism for spontaneous establishment of *Calluna vulgaris* in a recently abandoned agricultural field	183 Evaluating experi-mental grassland and heath restoration on former agricultural fields using plant traits and indicator values	184 Impacts of grazing by cattle and rabbits on the restoration of dry heathland on improved farmland
Hubert Van Eyck **restoration of peatlands (1)**	185 Assessment of conservation and restoration potential of damaged peatbogs in Central Russia	186 Large scale network and habitat restoration actions for peatbogs and wetlands in Southern Belgium: planning and first results of scientific monitoring	187 Compendium of UK peatland restoration projects - Experience and lessons learned	188 Conservation and restoration of Baltic raised bogs in Pomerania, Poland	189 Restoring NATURA 2000 habitats on severely degraded peatlands	190 Raised bogs rehabilitation on the Hautes-Fagnes plateau (East Belgium). An assessment after 15 years of management trials
Jan Van Eyck **restoration of dry and moist grasslands (5)**	191 Transboundary conservation and restoration efforts to preserve the strongly endangered endemic species *Gentianella bohemica*	192 Fire – A management possibility for *Mantis religiosa* (Mantodea)?	193 Does prescribed fire mean a threat to the rare satyrine butterfly *Hipparchia fagi*? Larval-habitat preferences give the answer	194 Using small areas covered with stones and grazing exclusion to restore ground-active beetle assemblages in dry grasslands	195 Habitat use by the large copper butterfly *Lycaena dispar* in southern Belgium and implications for conservation	
Bauwens **Large river restoration: water framework directive versus stakeholder interests**	196 Constraints to the restoration of alluvial meadows of river valleys of the *Cnidion dubii* (6440)	197 Riparian restoration of headwaters in the bocage of South-Normandy: agricultural and ecological processes influencing vegetation composition	198 Interacting effects of anoxia and competition during assembly of restored wetland communities - multispecies mesocosm experiment	199 Sedimentation induced eutrophication in large river floodplains –An obstacle to restoration?	200 Restoration of alluvial meadows by means of plant material transfer – A field manual for practitioners	201 Do plant material strips really act as colonization initials during flood-meadow restoration?

Thursday 11 September Parallel Session 33-38 14.10-15.30				
Auditorium **restoration of tidal ecosystems (3)**	203 Evaluation of managed realignments in the Schelde estuary	204 Learning from the past: long-term morphological and hydrodynamical changes in the Scheldt estuary	205 Sedimentation and erosion processes drive vegetation development on restored tidal marshes	206 Spatiotemporal aspects of silica buffering in restored tidal marshes
Van Rysselberghe **socio-economic and policy issues of ecological restoration (4)**	207 Emscher Landscape Park - the transformation and design of urban landscapes as a basis for sustainable economic and urban development	208 Integration of Nature 2000 and Water Framework Directive in the Netherlands	209 Possibilities for adaptive water management and ecological landscape restoration in the Upper Tisza region: case study for understanding the complex decision-making of local farmers	210 Participatory assessment of ecosystem services in Hungary with science-policy collaboration
Van der Goes **One step beyond: creating futures, a relevant ecology**	212 Creative conservation. A step Beyond	213 The art of questions: Global Warming, ecological re-invention and critical futures thinking	214 Ecology in unlikely places: A relevant ecology	
Hubert Van Eyck **restoration of peatlands (2)**	215 Raised bog studies and monitoring of the management actions	216 Spontaneous vegetation in harvested peatlands: a multi-site approach	217 Formations of the mire plant cover on an abandoned cranberry-field (Raessaare bog, SW-Estonia)	218 Optimizing nature management by using the PROMME-checklist: from trial-and-error to knowledge based nature management
Jan Van Eyck **Combining restoration and agriculture in semi-natural grasslands: benefits and constraints**	220 Combining restoration and traditional grazing in a semi-natural Mediterranean grassland	221 Plant species composition and diversity in a calcareous wooded meadow - The significance of management continuity	222 Grazing in nutrient-poor sand grassland: how to combine preservation of site-typical plant diversity and adequate livestock nutrition?	223 Integrating species-rich flood meadows into farming systems - Prospects and imitators
Bauwens **restoration of rivers and floodplains (4)**	224 Integrated restoration of the ain river and its floodplain: principles, tools, and first results obtained in the framework of the European program life	225 River restoration in the Grand Duchy of Luxembourg	226 Ecological restoration of a lowland stream with populations of Bullhead (*Cottus gobio/ perifretum*) and Spined Loach (*Cobitis taenia*) in Flanders, Belgium	227 Corridors for snails: the robustness for genetic interchange. The case of *Vertigo moulinsiana* in central Belgium

Thursday 11 September Parallel Session 39-44 17.00-18.00			
Auditorium **restoration of tidal ecosystems (4)**	275 Monitoring plan for intertidal structure restoration in the Venice lagoon	276 Early salt marsh succession in the intertidal part of the IJzer estuary (Belgium), five years after large-scale restoration measures were taken	277 Ecological restoration of the River Durme
Van Rysselberghe **socio-economic and policy issues of ecological restoration (5)**	278 Considering social perception for floodplain lake restoration projects: the cases of the Rhône and Lower Ain Rivers (Rhône-Alpes, France)	279 Increasing public support and acceptance using participation and a decision support system to preserve xerotherm habitat on previous alluvial sites in the upper Rhine valley, Germany	280 Ecological restoration in the Schelde estuary: a process of integrated policy
Van der Goes **The emperor's new clothes: Can you see them? Placing your work in a true cultural context**			
Hubert Van Eyck **restoration of peatlands (3) fauna**	282 How important are fine structural resources in habitat restoration. Case study of larvae of two threatened butterfly species: *Proclossiana eunomia* and *Boloria aquilonaris*	283 Conservation and restoration of peatland fauna requires restoration of landscape heterogeneity	
Jan Van Eyck **restoration of coastal grasslands**	284 Effect of the Natura 2000 habitat restoration on bird population in coastal meadows: experiences and management implications from the EU Life project in Estonia	285 Nutrient accumulation during reed encroachment reduces efficiency of restoration of Baltic coastal grasslands	286 Restorative grazing and the role of the seed bank in Estonian coastal grasslands, a priority habitat type of Natura 2000
Bauwens **restoration of rivers and floodplains(5), invasive species**	287 Importance of riparian survey for river management and restoration in relation with the presence of three aquatic rodents species: Muskrat, Coypu and European Beaver	288 Invasive plant species management tests and advices along river banks in the Walloon region	289 Invasive Species: Impact and Control in the Natura 2000 network. The case of the Northern Vosges streams

Friday 12 September Parallel Session 45-50 10.40-12.20					
Auditorium restoration of marine and coastal ecosystems	292 Out of sight, out of mind: the critical importance of baseline data in marine ecological restoration	293 Creation of Atlantic salt meadows and salt marshes in the polders of Flanders	294 Evaluation of habitat restoration: assessing the consequences of Rat eradication on biodiversity in a Natura 2000 area	295 Restoration operations of cliff vegetation along the French Atlantic coast: where, who, why, how?	296 Long-term survey of maritime cliff-tops vegetation restoration: a tool for assessing and modelling restoration process
Van Rysselberghe socio-economic and policy issues of ecological restoration (6)	297 A participative approach for the definition of best practices in the management and restoration of French Pyrenean ski pistes	298 Beehives (still) permitted in Dutch Natura2000 reserves? If not, negative consequences for plants?	299 Land consolidation: from nature destruction to ecological restoration	300 Of land dunes and swamps. Restoration in the Belgian Campine region: re-introducing dynamics, mosaic, landscape and ... people	301 Amphibians' ecosystems restoration on the territories of the historically important parks as a way to save these animals in the Moscow city
Van der Goes Biogeo-chemistry in Restoration Ecology	303 The decline of metallophyte vegetation in floodplain grasslands in the Netherlands: implications for conservation and restoration	304 Ecological restoration of agricultural areas	305 The restoration of fens, based on ecological and biogeochemical knowledge	306 Restoration of raised bogs: biogeochemical processes involved in the re-establishment of *Sphagnum*-dominated vegetation	307 Restoration of Dutch softwater lakes still very successful after 20 years
Hubert Van Eyck restoration of peatlands (4)	308 Restoration of peat growth in fens: theoretical processes and practical limitations	309 Interacting effects of sulphate pollution, sulphide toxicity and eutrophication on vegetation development in fens: a mesocosm experiment	310 Initial effects of re-wetting on vegetation structure and nutrient budget of riverine peatlands	311 Restoration of plant communities in ditches and turbaries according to water and Natura 2000 criteria in the Vechtplassen area	312 Vegetation and nutrient conditions on partly drained extremely-rich (calcareous) fen (Paraspõllu fen in North Estonia)
Jan Van Eyck restoration of coastal dune ecosystems	313 Survival and dispersal of rabbits in a translocation experiment in the Netherlands; food quality and the use of burrows	314 Grass-encroachment in acid grey dunes: a matter of organic matter and P	315 Can grey dunes be restored from afforestations of *Pinus nigra*?	316 ANDREA, a new life for ancient dunes!	317 ZENO, the latest Life nature – restoration– project along the Flemish Coast
Bauwens restoration of rivers and floodplains(6)	318 Integrating hydrologic and ecologic models in floodplain restoration, the case of the Drie Beken, Flanders, Belgium	319 Integrated modelling of ecological potentials of new restoration sites along the river Meuse	320 Impacts of restoration of connectivity in side channels on freshwater habitat types	321 A tool to evaluate the contents of river rehabilitation projects: the APR-protocol	322 Restoration of wet meadow communities after long-term abandonment

Programme overview

MONDAY 8 September 2008

17.00 – 21.00 **Registration**

18.30 – 21.00 **Welcome Reception**

TUESDAY 9 September 2008

09.00 – 09.40 **opening ceremony**

09.40 – 10.15 **Auditorium**
plenary session 1:
Chair: Tack J., Research Institute for Nature and Forest, Brussels, Belgium

001 **The 2007 conservation status of habitats and species of European interest: can restoration help?**
Spyropoulou R.
European Environment Agency, Biodiversity, Spatial Analysis and Scenarios, Copenhagen, Denmark

10.15 – 10.50 **Auditorium**
plenary session 2:
Chair: Tack J., Research Institute for Nature and Forest, Brussels, Belgium

002 **Habitats restoration in the framework of the European conservation policy**
Miko L.
Director EU-DG Envornment, Directorate B - Protecting the Natural Environment

11.20 – 12.40 **parallel sessions**

Auditorium
parallel session 1:
restoration of eroded or former mining areas (1)
Chair: Aradottir A.L., Faculty of Environmental Sciences, Agricultural University of Iceland, Reykjavik, Iceland

11.20 003 Ecological succession after reclamation treatments on eroded area in South-Iceland
Aradottir A.L. 1, Arnalds O. 1, Orradottir B. 1, and Svavarsdottir K. 2
1 Agricultural University of Iceland, Faculty of Environmental Sciences, Iceland
2 Soil Conservation Service, Iceland

11.40 004 Reassessment of different methods for revegetation of sandy slopes in continental Northern Norway
Uhlig C.
Norwegian Institute for Agricultural and Environmental Research, Arctic Agriculture and Land Use Division, Tromsø, Norway

12.00 005 Assessment of revegetation efforts: a suggestion for an evaluation scheme
Uhlig C. 1, Krautzer B. 2, Graiss W. 2, and Blaschka A. 2
1 Norwegian Institute for Agricultural and Environmental Research, Arctic Agriculture and Land Use Division, Tromsø, Norway
2 The Agricultural Research and Education Centre - HBLFA Raumberg-Gumpenstein, Irdning, Austria

12.20 006 Revegetation of roadsides in Central Spain: factors controlling seed germination and plant establishment
Van Staalduinen M.A. 2, Mola I. 1, Jiménez M.D. 2, Casado M.A. 3, Vazquez A.2, and Balaguer L. 2
1 Obrascon Huarte Lain, Madrid, Spain
2 Universidad Complutense de Madrid, Departamento de Biología Vegetal I, Madrid, Spain
3 Universidad Complutense de Madrid, Departamento de Ecología, Madrid, Spain

Van Rysselberghe Room
parallel session 2:
socio-economic and policy issues of ecological restoration (1)
Chair: Swart J., University of Groningen, Biology, Groningen, the Netherlands

11.20 007 Dealing with ethics in restoration in a pluralistic society
Swart J.A.A., and van der Windt H.J.
University of Groningen, Biology, Groningen, the Netherlands

11.40 008 Ecological footprint of tourism in protected areas
Castellani V., and Sala S.
University of Milano Bicocca, Department of Environmental Science, Milano, Italy

12.00 009 Stay at home: cultural tourism of the local
Grant J.
Free lance ecological artist, Liverpool, UK

12.20 010 Bringing people together through Natura 2000
Tell me and I will forget.....Show me and I may remember....Involve me and I will understand!
Nijhof B.S.J. 1, and Walsmit I.A.H. 2
1 Alterra Wageningen UR, Wageningen, the Netherlands
2 Dutch Government Service for Land and Water Management, The Hague, the Netherlands

Van der Goes Room
parallel session 3:
011 **Special Session**
Natura 2000: environmental conditions and external influences on habitats
Chair: Runhaar H., Kiwa Water Research, Nieuwegein, the Netherlands

11.20 012 Ecological requirements of habitats in Dutch Natura 2000 sites
Runhaar J.H., and Jalink M.H.
Kiwa Water Research, Nieuwegein, the Netherlands

11.40 013 External environmental influences on Natura 2000 sites in the Netherlands
Aggenbach C.J.S., and Jalink M.H.
Kiwa Water research, Nieuwegein, the Netherlands

12.00 014 Critical limits of nitrate for the favourable conservation status of transitio mires and quaking bogs (7140), Cratoneurion (7220) and Alkaline fens (7230)
Ejrnæs R. 1, Nygaard B. 1, Andersen D.K. 1, Nielsen K.E. 2, Damgaard C. 2, and Pedersen A.B. 3
1 University of Aarhus, NERI, Department of Wildlife Ecology and Biodiversity, Denmark
2 University of Aarhus, NERI, Department of Terrestrial Ecology, Denmark
3 University of Aarhus, NERI, Department of Freshwater Ecology, Denmark

12.20 015 Implementation of monitoring of 'Structure & Function' in the Netherlands
Van Dobben H.F. 1, Schmidt A.M. 2, and Runhaar J.H. 3
1 Alterra, Wageningen Netherlands, the Netherlands
2 Alterra, the Netherlands
3 KIWA Water Resreach, the Netherlands

Hubert Van Eyck Room
parallel session 4:
restoration of forest ecosystems (1)
Chair: Vandekerkhove K., Research Institute for Nature and Forest (INBO), Geraardsbergen, Belgium

11.20 016 Restoration of woodpastures on former agricultural land in Flanders (N-Belgium)
Van Uytvanck J.
Research Institue for Nature and Forest, Ghent University, Terrestrial Ecology Unit, Department of Biology, Ghent, Belgium

11.40 017 Recovering herb layer vegetations in post-agricultural forests: are forest plants able to recruit after introduction?
Baeten L. 1, Jacquemyn H. 2, Van Calster H. 3, Hermy M. 3, and Verheyen K. 1
1 Ghent University, Dept. Forest & Water Management, Lab. of Forestry, Gontrode, Belgium
2 K.U.Leuven, Dept. of Biology, Lab. of Plant Ecology, Leuven, Belgium
3 K.U.Leuven, Dept. Earth & Environmental Sciences, Division Forest, Nature and Landscape, Leuven, Belgium

12.00 018 Multispecies approach supporting management practice in the forest of the low Campine. Naturalist volunteer meets professional manager
Gorissen D.
Agency for Nature and Forest, Flemish Governement, Belgium

12.20 019 Restoration of wild forested areas in floodplains through application of naturalness concepts
Schnitzler A.
Metz University, Deparment of Biology, Metz, France

Jan Van Eyck Room
parallel session 5:
restoration of dry and moist grasslands (1)
Chair: Török K., Institute of Ecology and Botany of the HAS, Vacratot, Hungary

11.20 020 The importance of the geomorphological footprint in planning landscape restoration; a case study of inland drift sands in the Netherlands
Riksen M. 1, and Jungerius P. 2
1 Wageningen University, Soil science Centre, Wageningen, the Netherlands
2 University of Amsterdam, IBED, Amsterdam the Netherlands

11.40 021 Understanding distribution patterns of invertebrates within inland drift sands using life-history tactics and feeding guilds
Nijssen M. 1, Van Noordwijk T. 1, Geertsma M. 1, Peeters T. 1, Siepel H. 1,2, and Esselink H. 1
1 Bargerveen Foundation, Dept. Animal Ecology, Radboud University Nijmegen, Nijmegen, the Netherlands
2 Centre for Ecosystem Studies Alterra and Wageningen University, Wageningen, the Netherlands

12.00 022 *Campylopus introflexus* as a nitrogen deposition dependent ecosystem engineer in inland dunes
Sparrius L.B., and Kooijman A.M.
University of Amsterdam, IBED, Amsterdam, the Netherlands
2 Centre for Ecosystem Studies Alterra and Wageningen University, Wageningen, the Netherlands

12.20 023 Restoration of an extensively grazed alluvial landscape – résumé after six years
Kratochwil A. 1, Exeler N. 1, Stroh M. 2, Dittrich S. 1, and Remy D. 1
1 University of Osnabrück, Department of Ecology, Germany
2 District Administration for Nature Conservation, Darmstadt-Dieburg, Germany

Bauwens Room
parallel session 6:
the challenge of climate change and natural dynamics (1)
Chair: Vos C., Wageningen Unversity and research Centre, Alterra, Wageningen, the Netherlands

11.20 024 Identifying climate change proof ecological networks and priority adaptation zones
Vos C.C., and Baveco H.
Wageningen Unversity and research Centre, Alterra, Wageningen, the Netherlands

11.40 025 Ecological restoration and climate change: legal challenges
Cliquet A.
Ghent University, Department of Public International Law, Belgium

12.00 026 Floodplain forests and climate change – current state and future patterns
Mosner E. 1, Schneider S. 2, Lehmann B. 2, and Leyer I. 1
1 University of Marburg, Conservation Biology, Marburg, Germany
2 University of Karlsruhe, Institute of Water Resources, Management, Hydraulic and Rural Engineering, Karlsruhe, Germany

12.20 027 Impact of climatic warming on larval development of *Pelophylax esculentus* (Amphibia, Ranidae) tadpoles from two different habitats, and acclimatation ability
Patrelle C. 1,2, Sourice S. 1, and Pagano A. 1
1 PPF DS 10 Paysages & Biodiversité, Université d'Angers, Campus Belle Beille, France
2 2C2A-CERFE, Boult-aux-Bois, France

Baekeland Room
parallel session 7:
restoration of wetlands (1)
Chair: Comin F., Pyrenean Institute of Ecology-CSIC, Zaragoza, Spain

11.20 028 Integrating objectives for the restoration of wetlands in intensively irrigated territories
Comin F.A., Moreno D., and Pedrocchi C.
Pyrenean Institute of Ecology-CSIC, Zaragoza, Spain

11.40 029 Sustainable compensation measures for wetland restoration
Weise J. 1, Meier R. 1, Müller F. 2, and Denneborg M. 2
1 Ing.-Buero Meier + Weise, Giessen, Germany
2 ahu-AG, Aachen, Germany

12.00 030 Ecological restoration with ecoremediation in protected area
Vrhovsek D. 1, Sajovic A. 2, Kroflic B. 2, and Vovk Korze A. 3
1 Limnos d.o.o., Company for applied ecology, Ljubljana, Slovenia
2 Ecoremediation technology center, Celje, Slovenia
3 University of Maribor, Faculty of art, International center for ecoremediation, Maribor, Slovenia

12.20 031 Nature restoration and management in a coming Nature Park Aamosen, NW-Zealand, Denmark – A multidisciplinary approach
Ovesen C.H.
Roskilde University, Denmark

12.40 – 14.00 Lunch break

14.00 – 14.35 Auditorium
plenary session 3:
Chair: Bowers K., Biohabitats, Baltimore, USA

032 **European ecosystems at crossroads: from halting biodiversity loss by 2010 to a renewed restoration agenda**
Winkler S.
IUCN, Head of Countdown 2010 Secretariat & Senior European Policy Advisor

14.40 – 16.00 parallel sessions

parallel session 8:
restoration of eroded or former mining areas (2)

Chair: Prach K., Faculty of Science USB, and Institute of Botany, Czech Academy of Sciences, Ceske Budejovice, Czech Republic

14.40 033 How does surrounding vegetation influence succession in disturbed sites? Consequences for restoration
Prach K., Rehounková K., Konvalinková P., Novák J., Trnková R., and Karesová P.
Faculty of Science USB, and Institute of Botany, Czech Academy of Sciences, Ceske Budejovice, Czech Republic

15.00 034 Early growth dynamics of some frequently hydroseeded species in coal reclamation: the influence of aspect in Mediterranean environments
González-Alday J. 1, Marrs R. 2, and Martínez-Ruiz C. 1
1 University of Valladolid, Area of Ecology, Palencia, Spain
2 University of Liverpool, Applied Vegetation Dynamics Laboratory, Liverpool, UK

15.20 035 How can earthworms help us with revegetation of disturbed areas?
Mudrak O. 1,2, Frouz J. 1,2, and Roubickova A. 3
1 Institute of Soil Biology AS CR, Ceske Budejovice, Czech Republic
2 Faculty of Science, University of South Bohemia, Ceske Budejovice, Czech Republic
3 Faculty of Science, Charles University in Prague, Czech Republic

15.40 036 A geomorphic approach for the ecological restoration of Kaolin mines at the Upper Tagus Natural Park (Spain)
Martín-Moreno C. 1, Martín-Duque J.F. 1, Nicolau J.M. 2, Sánchez L. 3, Ruiz R. 4, Sanz M.A. 1, Lucía A. 1, and Zapico I. 2
1 Department of Geodynamics, Faculty of Geology, Complutense University of Madrid (UCM), Spain
2 Department of Ecology, Faculty of Sciences, Alcalá University of Madrid (UAH), Spain
3 CAOBAR S.A., Taracena, Guadalajara
4 Organismo Autónomo de Espacios Protegidos de Castilla – La Mancha, Guadalajara

Van Rysselberghe Room
parallel session 9:
socio-economic and policy issues of ecological restoration (2)

Chair: Van Hoorick G., Ghent University, Department of Public Law, Ghent, Belgium

14.40 037 Innovative legal instrument for ecological restoration
Van Hoorick G.
Ghent University, Department of Public Law, Ghent, Belgium

15.00 038 Transdisciplinary approach in participative processes to a local scale management of landscape resources
Marcheggiani E. 1, Castellani V. 2, Sala S. 2, Galli A. 1, and Nucci M. 1
1 Università Politecnica delle Marche, DiSASC, Italy
2 Università degli Studi di Milano Bicocca, DiSAT, Italy

15.20 039 View from the ground: the dirty work of restoration on private property
Drake C.R.
Owner of Coast Alive Ecological Services, Canada

15.40 040 Economic effects of raising the water level
Van Leirsberghe H., and Ghyselinck N.
Flemish Land Agency, Bruges, Belgium

Van der Goes Room
parallel session 10:
identifying appropriate conservation and restoration objectives (1)
Chair: Van Dyck H., Behavioural Ecology & Conservation Group, Biodiversity Research Centre, Université catholiqe de Louvain (UCL), Louvain-la-neuve, Belgium

14.40 041 Bottom-up ecological restoration of habitats: when the spatial and temporal configuration of ecological resources do matter – Lessons from butterflies
Van Dyck H. 1, Vanreusel W. 1,2, and Turlure C. 1
1 Behavioural Ecology & Conservation Group, Biodiversity Research Centre, Université catholiqe de Louvain (UCL), Louvain-la-neuve, Belgium
2 NGO Natuurpunt, Mechelen, Belgium

15.00 042 The GraS-Model (Grassland-Succession-Model) – A simulation model for the succession of grassland biotopes under various management regimes (developed for the Eifel National Park)
Siehoff S. 1, Preuss T.G. 1, Ratte H.T. 1, Ross-Nickoll M. 1, and Lennartz G. 2
1 RWTH Aachen University, Institute for Environmental Research (Biology V), Aachen, Germany.
2 RWTH Aachen University, Research Institute for Ecosystem Analysis and Assessment (gaiac), Aachen, Germany

15.20 043 Iteratio: from vegetation map to abiotic patterns and processes
Holtland J.
Staatsbosbeheer, Driebergen, the Netherlands

15.40 044 Applying species distribution modelling for the conservation of the threatened saproxylic Stag Beetle (*Lucanus cervus*)
Thomaes A. 1, Kervyn T. 2, and Maes D. 3
1 Research Institute for Nature and Forest (INBO), Geraardsbergen, Belgium
2 Directorate General for Nature Resources and Environment (DGRNE), Jambes, Belgium
3 Research Institute for Nature and Forest (INBO), Brussels, Belgium

Hubert Van Eyck Room
parallel session 11:
restoration of forest ecosystems (2)
Chair: Van Slycken J., Institute for Nature and Forest Research, Brussels, Belgium

14.40 045 Transition of a managed forest towards a natural one – A forest history and stand survey study of an oak forest reserve
Mázsa K., Balázs B., Horváth F., Bölöni J., and Aszalós R.
Institute of Ecology and Botany, Vácrátót, Hungary

15.00 046 The production of autochthonous planting stock as a tool for successful ecological restoration of wooded landscape elements
Vander Mijnsbrugge K., and Cox K.
Institute for Nature and Forest Research, Geraardsbergen, Belgium

15.20 047 A protection plan for Stag beetle (*Lucanus cervus*) based on his landscape requirements and colonisation capacity
Thomaes A. 1, and Maes D. 2
1 Research Institute for Nature and Forest, Geraardsbergen, Belgium
2 Research Institute for Nature and Forest, Brussels, Belgium

15.40 048 Dead wood accumulation in previously managed oak and beech woodlands in North-West and Central Europe
Vandekerkhove K. 1, De Keersmaeker L. 1, Menke N. 2, Meyer P. 2, and Verschelde P.1
1 Research Institute for Nature and Forest (INBO), Geraardsbergen, Belgium
2 Nordwestdeutsche Forstliche Versuchsanstalt Abt. A, Göttingen, Germany

Jan Van Eyck Room
parallel session 12:
restoration of dry and moist grasslands (2)
Chair: Kiehl K., University of Applied Sciences Osnabrueck, Vegetation Ecology and Botany,Faculty A & L, Osnabrueck, Germany

14.40 049 Steppe restoration by hay transfers
Coiffait C., Buisson E., and Dutoit T.
Institut Méditerranéen d'Ecologie et de Paléoécologie (UMR CNRS IRD), Université d'Avignon et des Pays du Vaucluse IUT, France

15.00 050 Restoration of pannonic sandy grassland habitat on abandoned agricultural fields
Szabó R., Halassy M, Csecserits A., and Török K.
Institute of Ecology and Botany, Vácrátót, Hungary

15.20 051 Successful establishment of the Natura 2000 species *Pulsatilla patens (L.) Mill*. in newly restored calcareous grasslands
Kiehl K. 1, and Röder D. 2
1 University of Applied Sciences Osnabrueck, Vegetation Ecology and Botany, Osnabrueck, Germany
2 Technische Universitaet Muenchen, Vegetation Ecology, Freising, Germany

15.40 052 Recreation of semi-natural grasslands: assessing hay transfer and seed-sowing methods
Rydgren K. 1, Nordbakken J.-F. 1, Austad I. 1, Auestad I. 1, and Heegaard E. 2
1 Sogn og Fjordane University College, Faculty of Engineering and Science, Norway
2 UNIFOB, Klima, Bergen, Norway

Bauwens Room
parallel session 13:
the challenge of climate change and natural dynamics (2)
Chair: Van der Aa B., Research Institute for Nature and Forest, Brussels, Belgium

14.40 053 Restoration and vegetation stability
Le Duc M., and Marrs R.
University of Liverpool, School of Biological Sciences, Liverpool, UK

15.00 054 Salt marsh restoration and creation: ways to Global Climate Change adaptation and mitigation
Castillo J.M., Mahmmoud A., and Figueroa M.E.
University of Seville, Department of Plant Biology and Ecology, Seville, Spain

15.20 055 Focusing on spatial and temporal scales in dynamic nature management on the Dutch Wadden Sea Islands
Lammert E.J. 1, Oost A.P. 2, Grootjans A.P. 3,4, ten Haaf M.E. 5, Verbeek S.K. 6, and de Leeuw C.C. 6
1 Staatsbosbeheer, the Netherlands
2 Deltares, the Netherlands
3 Rijksuniversiteit Groningen, the Netherlands
4 Radboud University Nijmegen, the Netherlands
5 Departement Fysische Geografie, University Utrecht, the Netherlands
6 Ecologen Groep Groningen, the Netherlands

15.40 056 Ecological restoration: natural dynamics hindered by a static legal system?
Backes Ch.W.
Maastricht University, the Netherlands

Baekeland Room
parallel session 14:
restoration of wetlands (2)
Chair: Papanastasis V., Laboratory of Rangeland Ecology, Faculty of Forestry and Natural Environment, Aristotle University of Thessaloniki, Greece

14.40 057 Wet meadow restoration at lake Mikri Prespa, Greece: results of vegetation monitoring (2002-2007)
Kazoglou Y.E. 1, Mesléard F. 2, and Papanastasis V. 3
1 Society for the Protection of Prespa, Agios Germanos, Florina, Greece
2 Research Centre Tour du Valat, Le Sambuc, Arles, France
3 Laboratory of Rangeland Ecology, Faculty of Forestry and Natural Environment, Aristotle University of Thessaloniki, Greece

15.00 058 Networking of five life-nature projects in Greek Ramsar wetlands: lessons learnt from vegetation management and monitoring activities
Kazoglou Y.E. 1, and Vrahnakis M.S. 2
1 Society for the Protection of Prespa, Florina, Greece
2 Laboratory of Rangeland Science, Department of Forestry and Management of Natural Environment, Technological Educational Institute of Larisa, Karditsa, Greece

15.20 059 Twenty years of ecological restoration in lake Ijsselmeer. Lessons learned and unintended yields for the water framework directive and Natura 2000
Bak A. 1, Liefveld W.M. 1, and Rijsdijk E. 2
1 Bureau Waardenburg, Consultants for environment and ecology, Culemborg, the Netherlands
2 Directorate-General for Public works and Water management, directorate IJsselmeergebied, Lelystad, the Netherlands

15.40 060 Changes in the radioecological and ecotoxicological state of the Lake Druksiai and implication for the lake ecosystem in 1988–2007
Montvydiene D., and Marciulioniene D.
Institute of Botany, Laboratory of Radioecology, Vilnius, Lithuania

16.00 – 16.30 Coffee Break & Poster Viewing

16.30 – 17.00 Poster session 1

-environmental pollution issues

061 The effects of Chernobyl accident on Turkey
Bingul Z., Turan T., Ekmekyapar F., and Altikat A.
Ataturk University, Department of Environmental Engineering, Erzurum, Turkey

062 Acid rain in Turkey
Ekmekyapar F., Altikat A., Bingul Z., and Turan T.
Ataturk University, Department of Environmental Engineering, Erzurum, Turkey

063 Sustainable development of forest ecosystems in industrial regions of Ukraine
Anisimova L.
Institute for Nature Management Problems and Ecology NASU, Dnipropetrovsk, Ukraine

064 Changes of radioecological state in Lithuania after an accident in the Chernobyl NPP
Marciulioniene D. 1, Gudeliene I. 1, and Luksiene B. 2
1 Institute of Botany, Department of Radioecology, Vilnius, Lithuania
2 Institute of Physics, Department of Environmental Physics and Chemistry, Vilnius, Lithuania

-identifying appropriate conservation and restoration objectives

065 Development of Natura 2000 areas in Flanders
Heyrman H. 1, Meeuwis R. 2, and Martens E. 2
1 Flemish Land Agency, Brussels, Belgium
2 Agency for Nature and Forest, Flemish Governement, Belgium

066 Approach for the management strategy of Natura 2000 Sites – Habitats directive, in Romania
Tatole V. 1, Tatole A. 4, Iftime A. 1, Grigorai I. 2, Ovel V. 2, Nitzu E. 3, Cojocariu F. 4, and Öllerer K. 4
1 Grigore Antipa National Museum of Natural History, Bucharest, Romania
2 National Institute of Danube Delta Researches, Tulcea, Romania
3 Institute of Speology Emil Racovik Bucharest, Romania
4 ASA Environnemental Services Ltd., Bucharest, Romania

067 Actions for conservation, restoration and development of urban biodiversity in the Brussels capital region
Beck O., Gryseels M., Prignon J-C., Van der Wijden B., Engelbeen M.
Brussels Environment (IBGE-BIM), Division Nature, Water and Forest, Brussels

068 Implementing the Natura 2000 network in a city: the case of the Brussels Capital Region
Van der Wijden B., Prignon J.C., Beck O., Engelbeen M., Vanwijnsberghe S., and Gryseels M.
Brussels Environment (IBGE-BIM), Division Nature, Water and Forest, Brussels

069 A new decision tool to achieve GIS-based conservation strategies for habitats of the European Natura 2000 network
Parolo G., and Rossi G.
University of Pavia, Department of "Ecologia del Territorio", Pavia, Italy

070 The Italian 'Map of Nature' project towards the habitats map and their evaluation
Angelini P., Augello R., Bianco P.M., Cardillo A., and Laureti L.
A.P.A.T, Nature Defense, Rome, Italy

-restoration of eroded or former mining areas

071 A coenocline of woody colonizer species in reclaimed surface coal mines in Spain
Milder A.I. 1, 2, Fernández-Santos B. 1, and Carolina Martínez-Ruiz C. 2
1 University of Valladolid, Area of Ecology, Palencia, Spain
2 University of Salamanca, Area of Ecology, Salamanca, Spain

072 An advanced concept for surface coalmine restoration in semiarid lands
Nicolau J.M. 1, Comín F.A. 2, Perez-Domingo S. 2, Trabucchi M. 2, and Miguel L. 2
1 Departamento de Ecología, Universidad de Alcalá, Alcalá de Henares, Spain
2 Instituto Pirenaico de Ecología, CSIC, Zaragoza, Spain

073 Hydroseeded and native species on coal reclamation in Mediterranean environments: short-term species responses
González-Alday J. 1,2, Marrs R. 2, and Martínez-Ruiz C. 1
1 University of Valladolid, Area of Ecology, Palencia, Spain
2 University of Liverpool, Applied Vegetation Dynamics Laboratory, Liverpool, UK

074 Comparison of seminatural vegetation and soil properties between spoil and natural sites in the Kozani-Ptolemais-Florina basin
Monokrousos N., Vlachodimos K., and Diamantopoulos I.
Department of Ecology, School of Biology, Aristotle University, Thessaloniki, Greece

075 Ecological interactions between plant and soil characteristics: Implications for the design of new restoration strategies at the roadside
Ruiz-Capillas P. 1, Jimenez M.D. 2, Vazquez de Castro A. 1, Fernandez B. 1, Mola I. 1, Barbero F. 3, Casado M.A. 4, Vazquez A. 2, and Balaguer L. 2
1 OHL, Research, Development & Innovation Deparment, Madrid, Spain
2 Universidad Complutense, Departamento de Biología Vegetal I, Madrid, Spain

3 Universidad Complutense, Departamento de Geodinámica, Madrid, Spain
4 Universidad Complutense, Departamento de Ecología, Madrid, Spain

076 Long-term monitoring of sandy dry grassland in a post-mining landscape
Baasch A. 1,2, Tischew S. 2, and Bruelheide H. 1
1 University of Halle, Institute of Biology / Geobotany and Botanical Garden, Germany
2 Anhalt University of Applied Sciences, Dep. Landscape Development, Germany

077 Effects of different soil tillages and reseedings on soil characteristics and runoff in potential rangelands of Elazig Province
Fidan C.
South-East Anatolia Forest research Institute, Elazy', Turkey

078 Perspectives for rehabilitation of landfills covers
De Vocht A.
University Hasselt, Centre for Environmental Sciences, Belgium

079 Revegetation on two tailings in quarries through hydroseeding: effects of seed priming, sowing rate and liming
de Lespinay, A. 1, Renaut, J. 2 and Lutts, S. 1
1 Groupe de Recherche en Physiologie Végétale, Université Catholique de Louvain (UCL), Louvain-la-Neuve, Belgium.
2 Department of Environment and Agrobiotechnologies, Centre de Recherche Public–Gabriel Lippmann, Belvaux, GD Luxembourg

-restoration of forest ecosystems

080 Life Stropersbos: Habitat restoration of alluvial forests and heath in the "Stropers" area
Vermeulen I. 1, Boelens K. 1, and De Grande A. 2
1 Flemish Land Agency, Brussels, Belgium
2 Agency for Nature and Forest, Flemish Governement, Belgium

081 Forest reserve as a model area for future climate forest restoration – A case study
Balázs B., Horváth F., Mázsa K., and Bölöni J.
Institute of Ecology and Botany, Vácrátót, Hungary

082 Effects of invasive species on forest restoration in South-East Brazil
Bertoncini A.P. 1, Almeida Neto L.C. 2, Carboni M. 3, and Cavassan O. 4
1 Muséum National d'Histoire Naturelle, Département d'Ecologie et Gestion de la Biodiversité, Paris, France
2 Jardim Botânico Municipal de Bauru, Bauru, Brazil
3 Universidade de Sao Paulo, Departamento de Ciências Biologicas, Piracicaba, Brazil
4 Universidade Estadual Paulista, Departamento de Ciências Biologicas, Bauru, Brazil

083 Restoration of the riparian forest of Nestos river
Efthimiou G., Pergantis F., Jerrentrup H., and Vafidis P.
Technological Educational Institute of LarissaTe, Forestry and Natural Resources Management Department, Lab. Protected Areas Management, Karditsa, Greece

084 Spontaneous succession in abandoned fields in a landscape scale: repeated sampling after three decades
Jorivá A.
Department of Botany, Faculty of Sciences USB, and Institute of Botany, Academy of Sciences of the Czech Republic, Dukelská, Czech Republic

085 The dendroclimatology of *Pinus pinea L*. on mid-Thyrrenian coasts
Piraino S. 1, Di Filippo A. 2, Piovesan G. 2, and Spada F. 1
1 Dipartimento di Biologia Vegetale, Università di Roma Sapienza, Rome, Italy
2 DAF, Università degli studi della Tuscia, Viterbo, Italy

086 Relationship between plant traits and resistance to burial by marly sediment
Burylo M. 1, Rey F. 1, Dutoit T. 2
1 Cemagref, Mountain Ecosystems research unit, Grenoble, France
2 Avignon University, Biological engineering department, Avignon, France

087 Independent monitoring of the implementation of the Expanded Work Programme on forest biodiversity of the Convention on Biological Diversity (CBD POW), 2002-2007, in the Netherlands
Van Rompaey R.S.A.R.
Global Forest Coalition & Wageningen International Experts WIx, Wageningen, the Netherlands

088 The threat of cryptic habitat losses for birds in a traditional landscape in Central Greece
Merken R. 1, Sfougaris A. 2, and Koedam N. 1
1 Vrije Universiteit Brussel, Department of Biology, Brussels, Belgium
2 University of Thessaly, Department of Agriculture, Animal Production, and Marine Environment, Volos, Greece

-restoration of grasslands

089 Reintroduction & effects on their environment of indigenous plants of the Cerrado
Buisson E. 1, Le Stradic S. 1, Negreiros D. 2, and Fernandes G.W. 2
1 Institut Méditerranéen d'Ecologie et de Paléoécologie (UMR CNRS IRD), Université d'Avignon et des Pays du Vaucluse, France
2 ECMVS, Ecologia, Conservacão, e Manejo da Vida Sylvestre ICB/Universidade Federal de Minas Gerais, Departamento de Biologia, Brazil

090 Restoring of wooded meadows in Estonia: recovery of species diversity via natural processes
Otsus M., Kukk D., Kattai K.
Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Estonia

091 Shared concerns across the boarder- practice in restoration and management of species rich semi-natural grasslands in Sweden and Norway
Eriksen M. 1., and Nordström M. 2
1 Ostfold University College, faculty of Education, Halden, Norway
2 EkoParken, Stromstad kommun, Stromstad, Sweden

092 Conservation management activities in the breite wood pasture natural reserve (Sighisoara, Romania)
Öllerer K. 1, Hartel T. 2, Moga C-I. 2, and Csergi A.-M. 3
1 Institute of Biology - Romanian Academy, Bucharest, Romania
2 Mihai Eminescu Trust, Sighisoara, Romania
3 Sapientia Hungarian University of Transylvania, Targu-Mures, Romania

093 Restoration of former intensively used grasslands towards Arrhenatheretum meadow in Flanders: characteristics of the initial situation
Demolder H., and Adams, Y.
Research Institute for Nature and Forest, Belgium

094 On the importance of adequate restoration reference: the example of Pannonic rocky grasslands
Szitár K. 1,2, and Török K. 1
1 Institute of Ecology and Botany of the HAS, Vacratot, Hungary
2 Lorand Eötvös University, Department of Plant Taxonomy and Ecology, Budapest, Hungary

095 Restoration of species-rich pastures on former arable land by spontaneous colonization and hay transfer
Mann S., and Tischew S.
Anhalt University of Applied Sciences, Bernburg, Germany

096 Degraded sites in the Low Tatras National Park
Javorka J.
Banska Bystrica, Slovakia

097 Short-term effects of herbicide treatment on the vegetation of semiarid sandy oldfields invaded by *Asclepias syriaca L.*
Szitár K. 1,2, and Török K. 1
1 Institute of Ecology and Botany of the HAS, Vacratot, Hungary
2 Lorand Eötvös University, Department of Plant Taxonomy and Ecology, Budapest, Hungary

098 Seed production in fens, fen meadows and degraded meadows – the relevance for meadow restoration
Klimkowska A. 1,2, van Diggelen R. 1,3, den Held S. 4, Brienen R. 1,5, Verbeek S.1, and Vegelin K. 6
1 Community and Conservation Ecology Group, Centre for Ecological and Evolutionary Studies, University of Groningen, the Netherlands
2 The Institute for Land Reclamation and Grassland Farming, Falenty, Poland
3 Ecosystem Management Research Group, University of Antwerp, Belgium
4 Wageningen University, Nature Conservation and Plant Ecology Group, the Netherlands
5 Centro de Investigaciones en Ecosistemas, Universidad Nacional, México
6 University of Greifswald, Institute of Botany and Landscape Ecology, Germany

099 Habitat modifications by Scotch broom invasion of montane grassland ecosystem of Western Ghats in India
Zarri A.A., Rahmani A.R., and Behan M.
Baba Ghulam Shah Badshah University, Rajouri (J&K), Centre for Biodiversity Studies, Rajouri, India

-restoration of marine, estuarine and coastal habitats

100 Restoration of freshwater tidal areas in the Sliedrechtse Biesbosch (the Netherlands)
Boudewijn T.J. 1, and Pieters P.C. 2
1 Bureau Waardenburg, Culemborg, the Netherlands
2 Ministry Of Transport and Public Works, Directorate Zuid-Holland, Rotterdam, the Netherlands

101 Ecological restoration in the Belgian part of the North Sea
Rabaut M. 1, Cliquet A. 2, Vincx M. 1, and Degraer S. 1
1 Ghent University (UGent), Biology Department, Marine Biology Section, Belgium
2 Ghent University (UGent), International Law Department, Maritime Institute, Belgium

102 Habitat restoration by dredging: fact or fiction?
Govaerts A. 1, Roose F. 1, Plancke Y. 2, Ides S. 2, Ysebaert T. 3, and van der Wal D. 3
1 Maritime Access Division, Antwerp, Belgium
2 Flanders Hydraulics Research, Borgerhout, Belgium
3 Netherlands Institute of Ecology (NIOO-KNAW), Yerseke, the Netherlands

103 Restoring the functions of the habitat of shifting dunes in a pilot site of the Northern Adriatic coast (Italy)
Speranza M., Venturi G., Monti A., Pritoni G., Ferroni L., and Merloni N.
Bologna University, Department of Agri-Environmental Sciences and Technologies, Bologna, Italy

104 Nature restoration in Belgian coastal dunes, a state of the art
Leten L. 1, and Provoost S. 2
1 Agency for Nature and Forests, Bruges, Belgium
2 Research Institute for Nature and Forest, Brussels, Belgium

105 Fire as a possibility of restoration of the NATURA 2000 Habitats
Ra∫omavicius V., Stankeviciute J.
Institute of Botany, Laboratory of Flora and Geobotany, Vilnius, Lithuania

106 Implementation of flood control areas in the metal contaminated Schelde estuary
Teuchies J., de Deckere E., Bervoets L., Blust R., and Meire P.
University of Antwerp, Department of Biology, Antwerp, Belgium

107 The 'perfect' grazing management: how to choose the best suited herbivore?
Milotic T. 1, Ebrahimi A. 2,3, and Hoffmann M. 1,3
1 Research Institute for Nature and Forest (INBO), Brussels, Belgium
2 Sharekord University, Sharekord, Iran
3 University of Ghent, Dept. Biology, Terrestrial Ecology Unit, Ghent, Belgium

108 The Presidio - 10 years of restoration lessons
Thomas T.
Presidio Trust, USA

280 Ecological restoration in the Schelde estuary: a process of integrated policy
Vanden Abeele L., Nachtergale N., Decleyre D., Verbanck E., Weyn K., Verelst L., de Munter E., Mertens W., Hessel K., Barbier-Madou D., Deduytsche B., and Flamand G.
Flemish Agency for Nature and Forest, Belgium

17.00 – 18.20 parallel sessions

Auditorium
parallel session 15:
restoration of eroded or former mining areas (3)
Chair: Prach K., Faculty of Science USB, and Institute of Botany, Czech Academy of Sciences, Ceske Budejovice, Czech Republic

17.00 110 Restoration of open pit coal mining deposits – case study from Kolubara lignite basin (Serbia)
Drazic D. 1, Veselinovic M. 1, Rakonjac Lj. 1, Bojovic S. 2, and Jovanovic Lj. 3
1 Institute of Forestry, Belgrade, Serbia
2 Institute for Biological Research "Sinisa Stankovic", Belgrade, Serbia
3 Institute for Multidisciplinary Research, Belgrade, Serbia

17.20 111 Ecological restoration of gypsum quarries in Southeast Spain
Albert M., Abad S., Castillejo J.M., García A., and Castelló R.
Spanish Center for Scientific Research, Center for Environmental Sciences, Madrid, Spain

17.40 112 Soil biota in post mining sites bioindication of ecosystem restoration and role in pedogenesis
Frouz J.
Institute of soil Biology BC ASCR, Ceske Budejovice, Czech Republic

18.00 113 Potential of restored landfill sites for biodiversity conservation in the UK and its context to landscape
Rahman M.L., McCollin D. and Ollerton J.
University of Northampton, School of Applied Science, United Kingdom

Van Rysselberghe Room
parallel session 16:
Workshop
114 **Drivers of change in ecological restoration**
Chair: Bonn A., Moors for the Future Partnership, UK

Van der Goes Room
parallel session 17:
identifying appropriate conservation and restoration objectives (2)
Chair: Van Dyck H., Behavioural Ecology & Conservation Group, Biodiversity Research Centre, Université catholiqe de Louvain (UCL), Louvain-la-neuve, Belgium

17.00 115 Implementation of the Habitats directive: identifying major challenges and possible ways of solution considering dynamic approaches
Boehnke-Henrichs A., and Lipp T.
University of Potsdam, Institute for Geoecology, Germany

17.20 116 Balancing Natura priorities on a National Nature Reserve in Scotland
Smith M.A.
Forest Research Edinburgh UK

17.40 117 Strengths and weakness of the bureaucratic procedure for a-priori evaluation of restoration projects: two case studies from the Lazio Region
Notarmuzi M.C. 1, Bonci D. 1, Proietti S. 1, and Carotenuto L. 1
1 Lazio Region, Regional Direction for Environment and International Cooperation, Natura 2000 area, Roma - Italy
2 Montagne della Duchessa Regional Reserve, Borgorose (RI), Italy

18.00 118 A tropical forest at the coastal Lomas of Peru: should we restore a fog oasis or the lost garden of the Incas?
Balaguer L. 1, Arroyo R. 2, Ron M.E. 1, Jiménez M.D. 1, Villegas L. 3, Manrique E. 4, Cordero I. 1, Sechi V. 1, Huaman E. 3, Coaguila D.N. 3, and Jiménez P. 3
1 Universidad Complutense, Departamento de Biología Vegetal I, Madrid, Spain
2 INIA, Departamento de Biotecnología, Madrid, Spain
3 Universidad Nacional de San Agustín, IRECA, Arequipa, Peru

Hubert Van Eyck Room
parallel session 18:
restoration of forest ecosystems (3)
Chair: Van Slycken J., Institute for Nature and Forest Research, Brussels, Belgium

17.00 119 Conservation and reforestation strategies for the habitat 9210* Apennine beech forests with *Taxus* and *Ilex*
Scarnati L., Attorre F., Valenti R., De Sanctis M., Francesconi F., and Bruno F.
Università «Sapienza», Department of Plant Biology, Rome, Italy

17.20 120 Forest restoration in Finland – Monitoring scheme and first results
Hyvärinen E., Similä M., and Virnes, P.
Metsähallitus, Natural Heritage Services, Finland

17.40 121 Lessons learned from a large scale restoration program in Portland, Oregon: the watershed revegetation program
Query T., and Allison J.
Bureau of Environmental Services City of Portland, Watershed Revegetation Program, Portland, USA

18.00 122 Mapping biologically important forests – Towards the restoration of a trans-European forest mega-corridor
Kostovska D. 1, and Bobiec A. 2
1 Bulgarian Society for Protection of Birds, BirdLife Bulgaria
2 Polish Societies for Protection of Birds, BirdLife Poland

Jan Van Eyck Room
parallel session 19:
restoration of dry and moist grasslands (3)
Chair: Delescaille L.M., Ministère de la Région Wallonne, DGRNE, CRNFB. Gembloux, Belgium

17.00 123 Restoration of species-rich mesophilous meadows by hay transfer: which results do we have after four years?
Buchwald R. 1, Roßkamp T. 2, and Steiner L. 3
1 AG Vegetationskunde und Naturschutz, Institut für Biologie und Umweltwissenschaften, Carl von Ossietzky Universität, Oldenburg, Germany
2 Büro für Biologie und Umweltplanung, Oldenburg, Germany
3 Institut für Ökosystemforschung, Freiburg, Germany

17.20 124 Grassland restoration in practice – Do we achieve the targets?
Conrad M. 1, Köppel J. 2, and Tischew S. 3
1 Conservation Biologist, New England Wild Flower Society, United States
2 Technical University Berlin, Germany
3 Hochschule Anhalt, Germany

17.40 125 Habitat networks for dispersal-limited plant species have to be connected on a small scale

Seifert B. 1,2, and Fischer M. 1
1 University of Bern, Institute for Plant Sciences, Dept. of Plant Ecology, Bern, Switzerland
2 University of Potsdam, Institute of Biochemistry and Biology, Dept. of Community Ecology & Botany, Potsdam, Germany

18.00 126 Impacts of changing ratios of reduced to oxidised nitrogen deposition: case studies in acid grassland and fen ecosystems

Dorland E. 1, Bobbink R. 1,2, Robat S. 1, Stevens C. 3 , Vandvik V. 4 , Aarrestad P.A. 5, Corcket E. 6, and Gaudnik C. 6
1 Landscape Ecology, Utrecht University, the Netherlands
2 B-Ware Consultancy, Nijmegen, the Netherlands
3 Department of Biological Sciences, The Open University, Milton Keynes, UK
4 Ecological and Environmental Change Research Group, Bergen University, Norway
5 Norwegian Institute for Nature Research, Trondheim, Norway
6 Equipe Ecologie des Communautés, Bordeaux University, France

Bauwens Room
parallel session 20:
restoration of rivers and floodplains(1)

Chair: Van Diggelen R., University of Groningen, Community and Conservation Ecology group, the Netherlands and University of Antwerp, Department of Biology, Ecosystem Management Research Group, Belgium

17.00 127 Liveable and attractive urban rivers - the ecological dimension of the Emscher project in Germany

Schwarze-Rodrian M.
Business Development Agency metropoleruhr GmbH, Mülheim an der Ruhr, Germany

17.20 128 Global change constraints and opportunities for the restoration of large river floodplains

Comín F.A., Cabezas A., Gallardo B., González E., González Sorando R.M., and García M.
Pyrinean Institute of Ecology-CSIC, Zaragoza, Spain

17.40 129 Hydromorphological aspects in the restoration of river habitats and species in the context of the common Meuse restoration programme

Van Looy K.
Research Institute for Nature and Forest, Brussels, Belgium

18.00 130 Nature development and 14 years of vegetation succession in the foreland of the river Waal (the Netherlands)

Sykora K. 1, and Stuiver J. 2
1 Nature Conservation and Plant Ecology, Wageningen University, the Netherlands
2 Laboratory of Geo-Information Science and Remote Sensing, Wageningen University, the Netherlands

18.30 – 19.30 **Auditorium**
SER Members Meeting

Wednesday 10 September 2008

08.30 – 09.05 **Auditorium**
plenary session 4:
Chair: Hoffmann M., Research Institute for Nature and Forest (INBO), Brussels, Belgium and University of Ghent, Dept. Biology, Terrestrial Ecology Unit, Ghent, Belgium

131 **Ecological restoration and global climate change**
Harris J.
Department of Natural Resources, School of Applied Sciences, Cranfield University, Bedfordshire, UK

09.05 – 09.40 **Auditorium**
plenary session 5:
Chair: Hoffmann M., Research Institute for Nature and Forest (INBO), Brussels, Belgium and University of Ghent, Dept. Biology, Terrestrial Ecology Unit, Ghent, Belgium

132 **Planning ecological restoration across scales: challenges for the future**
Opdam P.
Land Use Planning Group, Wageningen University Research, Wageningen, the Netherlands

09.10 – 10.10 **Coffee Break**

10.10 – 12.10 **parallel sessions**

Auditorium
parallel session 21:
restoration of tidal ecosystems
Special Session
133 **Estuarine restoration ecology along the path of changes**
Chair: Van Damme S., University of Antwerp, Department of Biology, Antwerpen, Belgium
Convenors: Van Damme S., University of Antwerp, Department of Biology, Antwerpen, Belgium
Vandenbergh E., Research Institute for Nature and Forest, Belgium

10.10 134 Habitat recreation in estuaries - triple-wins for society and ecology giving flood protection, economic benefits and ecological well-being
Van den Bergh E. 1, and Elliott M. 2
1 Institute for Nature and Forest Research (INBO), Brussels, Belgium
2 Institute of Estuarine & Coastal Studies (IECS), University of Hull, Hull, UK

10.30 135 Managing the impacts of industry on habitats: case study of the Humber estuary, UK
Edwards T.
Humber Industry Nature Conservation Association, UK

10.50 136 Creating and restoring habitat while managing flood risk on the Humber
Winn Ph.
Environment Agency, Anglian, Hull

11.10 137 Regeneration of German estuaries: status, measures and perspectives
Schuchardt B., Scholle J., and Bachmann F.
BioConsult Schuchardt & Scholle GbR, Bremen, Germany

11.30 138 The north mudflat of the Seine estuary: how much surface needs to be restored?
Dauvin J.C. 1, Ruellet T. 1, Aulert C. 2, Bessineton C. 2, Cuvillier A. 3, Jourde J. 4, Lafite R. 3, Morin J. 5, and Simon S. 4
1 Station Marine de Wimereux, Lille1, CNRS UMR LOG, Wimereux, France
2 Maison de l'Estuaire, Le Havre, France
3 Univ. Rouen, UMR, M2C, Mont-Saint-Aignan, France
4 Cellule de Suivi Littoral Normand, Le Havre, France
5 Ifremer, Port -en-Bessin, France

11.50 139 Experimental restoration sites in the Seine estuary (France): premises to long term restoration plan?
Ducrotoy J-P.
Groupement d'Intérêt Public Seine-Aval, Rouen, France

Van Rysselberghe Room
parallel session 22:
socio-economic and policy issues of ecological restoration (3)
Chair: Cliquet A., Ghent University, Department of Public International Law , Belgium

10.10 140 Possibilities for relocating coastal breeders in economical important areas
Stienen E.W.M., and Courtens W.
Research Institute for Nature and Forest (INBO), Belgium

10.30 141 The compatibility of temporary nature with European Nature Conservation Law
Schoukens H. 1, Cliquet A. 1, and De Smedt P. 2
1 Ghent University, Department of Public International Law, Ghent, Belgium
2 Ghent University, Centre of Environmental law, Ghent, Belgium

10.50 142 Five years of monitoring and the compensation process for expansion of the Antwerp harbour
Gyselings R., Spanoghe G., and Van den Bergh E.
Institute for nature and forest research, Brussels, Belgium

11.10 143 EcoTRADE – Investigating the suitability of tradable permits for biodiversity conservation in changing landscapes
Van Teeffelen A.J.A. 1, Opdam P.F.M. 1,2, and Vos C.C. 2
1 Wageningen University, Department of Environmental Sciences, Land Use Planning Group, Wageningen, the Netherlands
2 Alterra - Wageningen UR, Landscape centre, Wageningen, the Netherlands

11.30 144 Advances in restoring European sites through the review of decades of permitting pressures; Humber Estuary SAC thermal plumes and lamprey investigations
Rockliff C.
Environment Agency, England

11.50 145 How to assess liability for ecological damage in international law
Queffelec B., and Hay J.
University of Brest UMR AMURE, France

Van der Goes Room
parallel session 23:
restoration of heathlands (1)
Chair: De Blust G., Institute for Nature and Forest Research, Brussels, Belgium

10.10 146 Restoring species-rich heathlands: finding the right sites with potential for high biodiversity
De Graaf M.C.C., and Roelofs J.G.M.
Radboud University, Department of Aquatic Ecology & Environmental Biology, Nijmegen, the Netherlands

10.30 147 Status of *Juniperus communis* in Flanders and actions needed for its long-term survival
Gruwez R., and Verheyen K.
Ghent University, Dpt. of Forest and Water Management, Laboratory of Forestry, Ghent, Belgium

10.50 148 Balancing the interplay of grass and heather vegetation using adjusted fertilization in restoration of heathland vegetation
Hanslin H.M., and Sæbø A.
Norwegian Institute for Agricultural and Environmental Research, Horticulture and Urban Greening Division, Klepp St., Norway

11.10 149 Restoration of former cornfields on acid sandy soils: sod-cutting, grazing or afforestation?
Cusell C., Kooijman A.M. and van Mourik J.M.
University of Amsterdam, Institute for Biodiversity and Ecosystem Dynamics, Amsterdam, the Netherlands

11.30 150 Ecohydrology and advising bog and heath restoration in Campine region, Belgium
Vanderhaeghe F. 1, Vercoutere B. 1, and Heutz G. 2
1 Haskoning Belgium bvba, Mechelen, Belgium
2 Agentschap voor Natuur en Bos, Antwerp, Belgium

11.50 151 Long-term restoration of deteriorated heaths and acidic grasslands in the Netherlands: an overview
Bobbink R. 1, Dorland E. 2, De Graaf, M. 3, and Roelofs J.G.M. 3
1 B-WARE Research Centre, Radboud University Nijmegen, Nijmegen, the Netherlands
2 Landscape Ecology, Institute of Environmental Biology, Utrecht University, Utrecht, the Netherlands
3 Department of Aquatic Ecology and Environmetal Biology, Radboud University Nijmegen, Nijmegen, the Netherlands

Hubert Van Eyck Room
parallel session 24:
restoration of forest ecosystems (4)

Chair: Hermy M., K.U.Leuven, Dept. Earth & Environmental Sciences, Division Forest, Nature and Landscape, Leuven, Belgium

10.10 152 Key issues for the success of forest restoration projects in Natura 2000 sites in Greece
Kakouros P.
Greek Biotope, Wetland Centre, Section of Biotic Resources and Management of Protected Areas, Thermi, Thessaloniki, Greece

10.30 153 Management recommendations and performances for more effective conservation of the Spanish imperial eagle's (*Aquila adalberti* BREHM, 1861) habitat and populations
Grande Vega M., Hernando A., and Velázquez J.
Tecnic University of Madrid, E.T.S.I. de Montes, Spain

10.50 154 Proposals and performances for restoration and conservation of Cantabrian capercaillie (*Tetrao urogallus cantabricus*, Castroviejo 1967) habitat and populations
Velázquez J., Hernando A., and Grande Vega M.
Tecnic University of Madrid, E.T.S.I. de Montes, Spain

11.10 155 Effects of late-season fertilisation on field performance of *Quercus rotundifolia* seedlings
Monerris J. 1, Cortina J. 1, Disante K. 1, Fuentes D. 2, and Valdecantos A. 2,3
1 Dept. d'Ecologia i Institut Multisciplinar per a l'Estudi del Medi. Univ. d'Alacant. Alacant, Spain
2 CEAM Foundation. Alicante, Spain
3 Dept. Ecosistemas Agroforestales, EPS Gandía – UPV. Grao de Gandía, Valencia, Spain

11.30 156 Forest edge shape influence in woody species colonization: application in coal wastes restoration
Milder A.I. 1,2, Fernández-Santos B. 1, and Carolina Martínez-Ruiz C. 2
1 University of Valladolid, Area of Ecology, Palencia, Spain
2 University of Salamanca, Area of Ecology, Salamanca, Spain

Jan Van Eyck Room
parallel session 25:
restoration of dry and moist grasslands (4)
Chair: Tischew S., University of Applied Sciences Anhalt, Department for Nature Conservation and Landscape Planning, Bernburg, Germany

10.10 157 Restoration and management of calcareous grasslands: ss there a trade-off between species diversity of cryptogams and vascular plants?
Jeschke M. 1, and Kiehl K. 2
1 TU Munich, Chair of Vegetation Ecology, Freising, Germany
2 University of Applied Sciences Osnabrueck, Vegetation Ecology and Botany,Faculty A & L, Osnabrueck, Germany

10.30 158 Restoration assessment of calcareous grasslands in Belgium: soil conditions and floristic diversity
Piqueray J. 1, Bottin G. 1, Delescaille L.M. 2, Bisteau E. 1, Colinet G. 3, and Mahy G. 1
1 Gembloux Agricultural University, Laboratory of Ecology, Gembloux, Belgium
2 Ministère de la Région Wallonne, DGRNE, CRNFB, Gembloux, Belgium
3 Gembloux Agricultural University, Laboratory of Geopedology, Gembloux, Belgium

10.50 159 Restoration of fallow dry grasslands in cooperation with local farmers
Tischew S. 1, Mann S. 1, Schecher K. 1, and Jäger U. 2
1 University of Applied Sciences Anhalt, Department for Nature Conservation and Landscape Planning, Bernburg, Germany
2 Salix-Büro für Ökologie und Landschaftsplanung, Wettin, Germany

11.10 160 Ecological restoration of species-rich calcareous grasslands in the Netherlands: perspectives and constraints
Bobbink R. 1, Smits N.A.C. 2, and Willems J.H. 2
1 B-WARE Research Centre, Radboud University Nijmegen, Nijmegen, the Netherlands
2 Landscape Ecology, Institute of Environmental Biology, Utrecht University, Utrecht, the Netherlands

11.30 161 What reference ecosystem for semi-natural Mediterranean dry grassland restoration?
Henry F. 1, Dutoit T. 2, Corcket E. 3, and Buisson E. 2
1 Université Aix-Marseille Institut Méditerranéen d'Ecologie et de Paléoécologie, Marseille, France
2 Université d'Avignon, IUT, Institut Méditerranéen d'Ecologie et de Paléoécologie, Avignon, France
3 Université Bordeaux 1, UMR1202 Biodiversité, Gènes et Communautés, Talence, France

11.50 162 Differences and similarities in road verge and pasture vegetation – The effect of management
Auestad I. 1, Rydgren K. 1, Austad I. 1, and Halvorsen R. 2
1 Sogn og Fjordane University College, Sogndal, Norway
2 University of Oslo, Department of Botany, Natural History Museum, Oslo, Norway

Bauwens Room
parallel session 26:
Special Session
163 **Large river restoration: water framework directive versus stakeholder interests**
Chair: Schabuss M., University of Vienna, Department of Freshwater Ecology, Vienna, Austria
Convenors: Schiemer F., Department of Freshwater Ecology, University of Vienna, Austria
Buijse A.D., Deltares, Department of Freshwater Ecology & Water Quality, Utrecht, the Netherlands

10.10 164 Large river restoration: concepts & experiences from the Danube
Schiemer F.
Department of Freshwater Ecology, University of Vienna, Austria

10.30 165 A comprehensive monitoring concept for a large river restoration project on the Austrian Danube
Schabuss M. 1, Schiemer F. 1, Habersack H. 2, and Liedermann M. 2
1 Department of Freshwater Ecology, University of Vienna, Austria
2 Institute of Water Management, Hydrology and Hydraulic Engineering, Department of Water, Atmosphere and Environment, University of Natural Resources and Applied Life Sciences, Vienna, Austria

10.50 166 Considerations to reduce environmental impacts of vessels
Wolter C. 1, and Söhngen B. 2
1 Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Dept Biology and Ecology of Fishes, Berlin, Germany
2 Federal Waterways Engineering and Research Institute, Dept Hydraulic Engineering in Inland Areas, Karlsruhe, Germany

11.10 167 Ecological rehabilitation of the large rivers Rhine and Meuse in the Netherlands
Buijse A.D.
Deltares, Department of Freshwater Ecology & Water Quality, Utrecht, the Netherlands

11.30 168 Macro-invertebrate sampling in Large Rivers - Implications for assessing the ecological status according to the WFD
Reckendorfer W., and Witschnig G.M.
Department of Freshwater Ecology, University of Vienna, Vienna, Austria

11.50 169 Assessment of ecological reference conditions and delineation of environmental objectives for the restoration of the Szigetköz floodplain of the Danube
Guti G., and Schiemer F.
Hungarian Academy of Sciences, Hungarian Danube Research Station, Göd, Hungary
University of Vienna, Institute of Ecology and Conservation Biology, Vienna, Austria

12.10 – 12.30 Transition time to excursions

12.30 – 19.00 Excursions

Thursday 11 September 2008

08.30 – 09.05 **Auditorium**
plenary session 6:
Chair: Comin F., Pyrenean Institute of Ecology-CSIC, Zaragoza, Spain

170 **Socio-economic benefits of ecosystem restoration and nature conservation: empirical evidence that investing in nature pays**
de Groot R.
Environmental Systems Analysis group, Wageningen University, Wageningen, the Netherlands

09.05 – 09.40 **Auditorium**
plenary session 7:
Chair: Comin F., Pyrenean Institute of Ecology-CSIC, Zaragoza, Spain

171 **The Century of Restoration: Seven global trends that will dramatically increase funding and public support for ecological restoration**
Cunningham S.
Resolution Fund, LLC, Washington, DC, USA
Revitalization Institute/Seneca College, Toronto, ON, Canada

09.10 – 10.10 **Coffee Break**

10.10 – 12.10 **parallel sessions**

Auditorium
parallel session 27:
restoration of tidal ecosystems (2)
Chair: Meire P., University of Antwerp, Department of Biology, Antwerp, Belgium

10.10 172 Conservation objectives revisited: how to deal with changing systems and increased knowledge?
Van Damme S., Cox T., and Meire P.
1 University of Antwerp, Department of Biology, Antwerpen, Belgium

10.30 173 The construction of a salt marsh in the Eastern Scheldt, the Netherlands
Kater B.J. 1, Grasmeijer B.G. 1, van Duin W. 2, and Holzhauer H. 3
1 Alkyon Hydraulic Consultancy & Research, Emmeloord, the Netherlands
2 IMARES, Den Burg, the Netherlands
3 Deltares, Delft, the Netherlands

10.50 174 First results of intertidal habitat restoration at Lippenbroek (Belgium), a flood control area with a controlled reduced tide
Maris T., Cox T. Jacobs S., Vandenbruwaene W., Temmerman S., and Meire P.
University of Antwerp, Department of Biology, Antwerp, Belgium

11.10 175 Recovery of estuarine tidal mudflat sediments after hypoxia: the structuring role of macrofauna recolonization
Van Colen C. 1, Montserrat F. 2,3, Middelburg J. 2, Herman P.M.J. 2, Andersson M. 2, Ysebaert T. 2,4, Vincx M. 2, and Degraer S. 5
1 Ghent University, Department of Biology, Marine Biology Section, Ghent, Belgium
2 Netherlands Institute for Ecological Research, Centre for Estuarine and Marine Ecology, Yerseke, the Netherlands

3 Delft University of Technology, Faculty of Civil engineering and Geosciences, Hydraulics Section, Delft, the Netherlands
4 Wageningen IMARES - Institute for Marine Resources and Ecosystem Studies, Centrum Yerseke, the Netherlands
5 Management Unit of the Mathematical Model of the North Sea Royal Belgian Institute of Natural Sciences, Brussel, Belgium

11.30 176 Have we witnessed a regime shift in the freshwater tidal reaches of the Schelde estuary?
Cox T. 1, Maris T. 1, Meire P. 1, Conley D. 2, and Struyf E. 1
1 University of Antwerp, Department of Biology, Antwerp, Belgium
2 Lund University, Department of Geology, Lund, Sweden

11.50 177 Tidal marsh modelling in the Schelde estuary to determine restoration potential of managed realignments
Van Braeckel A., Vandevoorde B., and Van den Bergh E.
Research Institute for Nature and Forest, Brussels, Belgium

Van Rysselberghe Room
parallel session 28:
Workshop

178 **Integrated restoration programs: How to maximize long-term monetary and political support for ecological restoration at the community, regional, and national levels**

Chair: Cunningham S., Resolution Fund, LLC, Washington, DC, USA, Revitalization Institute/Seneca College, Toronto, ON, Canada

Van der Goes Room
parallel session 29:
restoration of heathlands (2)

Chair: Wallis DeVries M.F., De Vlinderstichting, Dutch Butterfly Conservation, Wageningen, the Netherlands

10.10 179 Spider assemblages occurring on former agricultural land after top-soil removal in the Northern provinces of the Netherlands
Maelfait J.-P. 1, Vermeulen R.-J. 2, Spoek G. 3, and van Diggelen R. 4
1 Institute for Nature and Forest Research INBO, Brussels, Belgium
2 Stichting Willem Beijerinck Biologisch Station, Loon, the Netherlands
3 Stichting Willem Beijerinck Biologisch Station, Loon, the Netherlands
4 Laboratory of Plant Ecology, University of Groningen, Groningen, the Netherlands

10.30 180 Habitat restoration for the endangered *Maculinea alcon* butterfly: effects of sod-cutting and liming on recolonisation
Wallis DeVries M.F., and Ens S.H.
De Vlinderstichting, Dutch Butterfly Conservation, Wageningen, the Netherlands

10.50 181 Nature in defence: LIFE project DANAH
Vanswijgenhoven J., and Jochems H.
LIFE project DANAH, Koersel-Beringen, Belgium

11.10 182 Possible mechanism for spontaneous establishment of *Calluna vulgaris* in a recently abandoned agricultural field
Van der Wal A. 1, De Boer W. 2, Klein-Gunnewiek P.J.A. 2, and Van Veen J.A. 2
1 RIVM, Laboratory for Ecological Risk Assessment, Bilthoven, the Netherlands
2 NIOO, Department of Terrestrial Microbial Ecology, Heteren, the Netherlands

11.30 183 Evaluating experimental grassland and heath restoration on former agricultural fields using plant traits and indicator values
Dijkstra J.P. 1, and Van Diggelen R. 1,2
1 University of Groningen, Community and Conservation Ecology group, the Netherlands
2 University of Antwerp, Department of Biology, Ecosystem Management Research Group, Belgium

11.50 184 Impacts of grazing by cattle and rabbits on the restoration of dry heathland on improved farmland
Diaz A., and Green I.
Bournemouth University, School of Conservation Sciences, Poole, UK

Hubert Van Eyck Room
parallel session 30:
restoration of peatlands (1)
national/regional approaches
Chair: Dufrêne M., MRW/DGRNE/CRNFB, Gembloux, Belgium

10.10 185 Assessment of conservation and restoration potential of damaged peatbogs in Central Russia
Butovsky R.O. 1, and Reijnen R. 2
1 Fund for Sustainable Development, Moscow, Russia
2 ALTERRA, Wageningen, the Netherlands

10.30 186 Large scale network and habitat restoration actions for peatbogs and wetlands in Southern Belgium: planning and first results of scientific monitoring
Dufrêne M. 1, Dierstein A. 1,2, Frankard Ph. 1, Janssens X. 1, Motte G. 1, Parkinson D. 1, Pirard H. 1, and Pontegnie M. 3
1 MRW/DGRNE/CRNFB, Gembloux, Belgium
2 UGCSH, Centre Administratif de Saint-Hubert, Saint-Hubert, Belgium
3 NATAGORA, Namur, Belgium

10.50 187 Compendium of UK peatland restoration projects - Experience and lessons learned
Bonn A. 1, Walker J. 1, Davison S. 1, Buckler M. 1, Holden J. 2, Evans M. 3, and Worrall F. 4
1 Moors for the Future Partnership, UK
2 University of Leeds, UK
3 University of Manchester, UK
4 University of Durham, UK

11.10 188 Conservation and restoration of Baltic raised bogs in Pomerania, Poland
Pawlaczyk P., and Stanko R.
Naturalists Club Poland, Poland

11.30 189 Restoring NATURA 2000 habitats on severely degraded peatlands
Klimkowska A. 1,2,3, van Diggelen R. 1,6, Kotowski W. 3,5, Grootjans A. 4, and Dzierga P. 3
1 Community and Conservation Ecology Group, Centre for Ecological and Evolutionary Studies, University of Groningen, the Netherlands
2 Institute for Land Reclamation and Grassland Farming, Falenty, Poland
3 Wetland Conservation Centre, Warsaw, Poland
4 Center for Energy and Environmental Studies, University of Groningen, the Netherlands
5 Department of Plant Ecology and Nature Protection, Institute of Botany, University of Warsaw, Poland
6 Ecosystem Management Research Group, University of Antwerpen, Department of Biology, Belgium

11.50 190 Raised bogs rehabilitation on the Hautes-Fagnes plateau (East Belgium). An assessment after 15 years of management trials
Frankard Ph., and Janssens X.
Centre de Recherche de la Nature, des Forêts et du Bois, Ministère de la Région Wallonne, Belgium

Jan Van Eyck Room
parallel session 31:
restoration of dry and moist grasslands (5)
Chair: Dutoit T., Université d'Avignon, IUT, Institut Méditerranéen d'Ecologie et de Paléoécologie, Avignon, France

10.10 191 Transboundary conservation and restoration efforts to preserve the strongly endangered endemic species *Gentianella bohemica*
Königer J. 1, Kiehl K. 2, Dolek M. 3, and Zehm A. 4
1 Vegetation Ecology, TU München, Germany
2 Vegetation Ecology and Botany, University of Applied Sciences Osnabrück, Germany
3 Ökologische Forschung und Planung, Geyer und Dolek, Bindlach, Germany
4 The Bavarian Environment Agency, Augsburg, Germany

10.30 192 Fire – A management possibility for *Mantis religiosa* (Mantodea)?
Fartmann T. 1, and Stärz C. 2
1 University of Münster, Institute of Landscape Ecology, Germany
2 University of Bonn, Department of Plant Nutrition, Germany

10.50 193 Does prescribed fire mean a threat to the rare satyrine butterfly *Hipparchia fagi*? Larval-habitat preferences give the answer
Möllenbeck V. 1, Hermann G. 2, and Fartmann T. 1
1 Institute of Landscape Ecology, Department of Community Ecology, University of Münster, Münster, Germany
2 Arbeitsgruppe für Tierökologie und Planung, Filderstadt, Germany

11.10 194 Using small areas covered with stones and grazing exclusion to restore ground-active beetle assemblages in dry grasslands
Dutoit T. 1, Blight O. 2, Fadda S. 2., Orgeas J. 2, Ponel P. 2, and Buisson E. 1
1 Université d'Avignon, IUT, Institut Méditerranéen d'Ecologie et de Paléoécologie, Avignon, France
2 Université Aix-Marseille Institut Méditerranéen d'Ecologie et de Paléoécologie, Marseille, France

11.30 195 Habitat use by the large copper butterfly *Lycaena dispar* in southern Belgium and implications for conservation
Goffart Ph. 1, Dandoit Th. 1, Verté P. 1, and Vandoren B. 2
1 Centre de Recherche de la Nature, des Forêts et du Bois, Belgium
2 Division Nature et Forêts, Cantonnement de Virton, Belgium

Bauwens Room
parallel session 32:
restoration of rivers and floodplains (3)
vegetation ecology
Chair: Hölzel N., University of Münster, Institute of Landscape Ecology, Germany

10.10 196 Constraints to the restoration of alluvial meadows of river valleys of the *Cnidion dubii* (6440)
Hölzel N.
University of Münster, Institute of Landscape Ecology, Münster, Germany

10.30 197 Riparian restoration of headwaters in the bocage of South-Normandy: agricultural and ecological processes influencing vegetation composition
Bernez I., and Kneveler M.
UMR 985, Ecology & Ecosystems Health, NRA-Agrocampus Rennes, France

10.50 198 Interacting effects of anoxia and competition during assembly of restored wetland communities - multispecies mesocosm experiment
Kotowski W. 1,2, Beauchard O. 1, Meire P. 1, Opdekamp W. 1, and van Diggelen R. 1
1 Ecosystem Management Research Group, University of Antwerp, Wilrijk, Belgium
2 Department of Plant Ecology and Environmental Conservation, University of Warsaw, Warsaw, Poland

11.10 199 Sedimentation induced eutrophication in large river floodplains –An obstacle to restoration?
Klaus V., Sintermann J., and Hölzel N.
Institute of Landscape Ecology, University of Münster, Germany

11.30 200 Restoration of alluvial meadows by means of plant material transfer – A field manual for practitioners
Harnisch M. 1, Donath T. W. 2 and Otte A. 2
1 City of Riedstadt, Office for the Environment, Germany
2 Division of Landscape Planning and Landscape Ecology, Justus-Liebig-University Giessen, Germany

11.50 201 Do plant material strips really act as colonization initials during flood-meadow restoration?
Burmeier S., Donath T.W., Eckstein R.L., and Otte A.
Justus Liebig University Giessen, Institute of Landscape Ecology and Resource Management, Research Centre for Biosystems, Land Use and Nutrition (IFZ), Giessen, Germany

12.10 – 13.30 Lunch break

13.30 – 14.05 Auditorium
plenary session 8:
Chair: Kiehl K., University of Applied Sciences Osnabrueck, Vegetation Ecology and Botany,Faculty A & L, Osnabrueck, Germany

202 **Legitimacy for ecological restoration in a multilevel governance context: changes and challenges**
Keulartz J.
Department of Applied Philosophy; Wageningen University & Research Centre (WUR), Wageningen, the Netherlands

14.10 – 15.30 parallel sessions

Auditorium
parallel session 33:
restoration of tidal ecosystems (3)
Chair: Van den Bergh E., Research Institute for Nature and Forest, Brussels, Belgium

14.10 203 Evaluation of managed realignments in the Schelde estuary
Van den Bergh E., Verbessem I., Van denNeucker T., De Regge N., and Soors J.
Research Institute for Nature and Forest, Brussels, Belgium

14.30 204 Learning from the past: long-term morphological and hydrodynamical changes in the Scheldt estuary
Piesschaert F., Van Braeckel A., and Van den Bergh E.
Research Institute for Nature and Forest, Brussels, Belgium

14.50 205 Sedimentation and erosion processes drive vegetation development on restored tidal marshes
Vandevoorde B., Van Braeckel A., Gyselings R., and Van den Bergh E.
Research Institute for Nature and Forest, Brussels, Belgium

15.10 206 Spatiotemporal aspects of silica buffering in restored tidal marshes
Jacobs S. 1, Struyf E. 1,2, Maris T. 1, and Meire P. 1
1 University of Antwerp, Department of Biology, Ecosystem Management Research Group, Wilrijk, Antwerp, Belgium
2 Lund University, GeoBiosphere Science Centre, Department of Geology, Lund, Sweden

Van Rysselberghe Room
parallel session 34:
socio-economic and policy issues of ecological restoration (4)
Chair: Decleer K., Research Institute for Nature and Forest, Brussels, Belgium

14.10 207 Emscher Landscape Park - the transformation and design of urban landscapes as a basis for sustainable economic and urban development
Schwarze-Rodrian M.
Business Development Agency metropoleruhr GmbH, Mülheim an der Ruhr, Germany

14.30 208 Integration of Nature 2000 and Water Framework Directive in the Netherlands
Aggenbach C.J.S., and Streefkerk J.
States Forestry, Research and Management Department, Driebergen, the Netherlands

14.50 209 Possibilities for adaptive water management and ecological landscape restoration in the Upper Tisza region: case study for understanding the complex decision-making of local farmers
Flachner Zs. 1, and Szi-Ferenc Zs. 2
1 Research Institute for Soil Science and Agricultural Chemistry of the Hungarian Academy of Sciences, Budapest, Hungary
2 Department of Environmental Sciences and Policy, Central European University, Budapest, Hungary

15.10 210 Participatory assessment of ecosystem services in Hungary with science-policy collaboration
Szi-Ferenc Zs. 1, and Kelemen E. 2
1 Department of Environmental Sciences and Policy, Central European University, Budapest, Hungary
2 Environmental Social Science Research Group, Department of Environmental Economics, Institute of Environmental and Landscape Management, St. Istvan University, Godollo, Hungary

Van der Goes Room
parallel session 35:
Special Session
211 **One step beyond: creating futures, a relevant ecology**
Chair: Scott R., Landlife, National Wildflower Centre, Liverpool, UK
Convenors: Scott R., Landlife, National Wildflower Centre, Liverpool, UK
Haley D., Manchester Metropolitan University, MIRIAD A&E [art&ecology], Manchester, UK

14.10 212 Creative conservation. A step Beyond
Scott R.
Landlife, National Wildflower Centre, Liverpool, UK

14.30 213 The art of questions: Global Warming, ecological re-invention and critical futures thinking
Haley D.
Manchester Metropolitan University, MIRIAD A&E [art&ecology], Manchester, UK

14.50 214 Ecology in unlikely places: A relevant ecology
Kendle T., and Tooke F.
Foundation Director Eden Project, Cornwall, UK

Hubert Van Eyck Room
parallel session 36:
restoration of peatlands (2)
Chair: Van Duinen G.-J., Bargerveen Foundation , Department of Animal Ecology, Radboud University Nijmegen, Nijmegen, the Netherlands

14.10 215 Raised bog studies and monitoring of the management actions
Pakalne M. 1, Nusbaums J. 1, and Abolins A. 2
1 Latvian Fund for Nature, Latvia
2 Kursa MRU, Ventspils, Latvia

14.30 216 Spontaneous vegetation in harvested peatlands: a multi-site approach
Konvalinkova P.
University of South Bohemia, Faculty of Biological Sciences, Department of Botany, Ceske Budejovice, Czech Republic

14.50 217 Formations of the mire plant cover on an abandoned cranberry-field (Raessaare bog, SW-Estonia)
Ilomets M., Truus L., and Lode E.
Institute of Ecology at the Tallinn University, Tallinn, Estonia

15.10 218 Optimizing nature management by using the PROMME-checklist: from trial-and-error to knowledge based nature management
Esselink H. 1, Van Duinen G.A. 1, Brouwer E. 2, and Nijssen M.N. 1
1 Bargerveen Foundation /, Department of Animal Ecology, Radboud University Nijmegen, Nijmegen, the Netherlands
2 B-WARE Research Centre, Radboud University Nijmegen, Nijmegen, the Netherlands

Jan Van Eyck Room
parallel session 37:
Special Session
219 **Combining restoration and agriculture in semi-natural grasslands: benefits and constraints**
Chair: Donath T., Department of Landscape Ecology and Resource Management, Justus-Liebig-University, Gießen, Germany
Convenors: Donath T., Department of Landscape Ecology and Resource Management, Justus-Liebig-University, Gießen, Germany
Eichberg C., Darmstadt and University of Technology, Department of Biology, Vegetation Ecology, Germany

14.10 220 Combining restoration and traditional grazing in a semi-natural Mediterranean grassland
Buisson E. 1, Coiffait C. 1 , Blight O. 2, Fadda S.2, and Dutoit T.1
1 Université d'Avignon et des Pays du Vaucluse
Institut Méditerranéen d'Ecologie et de Paléoécologie, IUT, Avignon, France
2 Université Paul Cézanne, Institut Méditerranéen d'Ecologie et de Paléoécologie, Europôle Méditerranéen de l'Arbois, Aix-en-Provence, France

14.30 221 Plant species composition and diversity in a calcareous wooded meadow - the significance of management continuity
Aavik T., Jõgar Ü., Liira J., Tulva I., and Zobel M.
Institute of Ecology and Earth Sciences, University of Tartu, Tartu, Estonia

14.50 222 Grazing in nutrient-poor sand grassland: how to combine preservation of site-typical plant diversity and adequate livestock nutrition?
Eichberg C., Schwabe A.
Darmstadt and University of Technology, Department of Biology, Vegetation Ecology, Germany

15.10 223 Integrating species-rich flood meadows into farming systems - Prospects and imitators
Schmiede R., Donath T.W., Otte A.
Department of Landscape Ecology and Resource Management, Justus-Liebig-University, Gießen, Germany

Bauwens Room
parallel session 38:
restoration of rivers and floodplains (4)
Chair: Van Vessem J., Research Institute for Nature and Forest, Brussels, Belgium

14.10 224 Integrated restoration of the ain river and its floodplain: principles, tools, and first results obtained in the framework of the European program life "Basse vallée de l'Ain"
Bornette G. 1, Piégay H. 2, Favre E. 3, and Petit C. 4
1 UMR CNRS 5023, Ecologie des Hydrosystèmes Fluviaux, Université Lyon I, Villeurbanne, France
2 UMR 5600 EVS / Site ENS - LSH, France
3 Conservatoire Rhône-Alpes des Espaces Naturels, Charnoz, France
4 Chargée de mission du LIFE BVA, Lyon, France

14.30 225 River restoration in the Grand Duchy of Luxembourg
Schley L. 1, Bunusevac M. 2, and Kirpach J.-C. 1
1 Service de la conservation de la Nature, Direction des Eaux et Forêts, Luxembourg
2 Bureau d'études Micha Bunusevac, Bertrange, Luxembourg

• fauna

14.50 226 Ecological restoration of a lowland stream with populations of Bullhead (*Cottus gobio/ perifretum*) and Spined Loach (*Cobitis taenia*) in Flanders, Belgium
De Vocht A. 1, and Aubroeck B. 2
1 University Hasselt, Centre for Environmental Sciences, Diepenbeek, Belgium
2 Arcadis Belgium, Diest, Belgium

15.10 227 Corridors for snails: the robustness for genetic interchange. The case of *Vertigo moulinsiana* in central Belgium
Vercoutere B. 1, Breyne P. 2, and Backeljau T. 3
1 Haskoning Belgium
2 IResearch Institute for Nature and Forest (INBO), Brussels, Belgium
3 Royal Belgian Institute of Natural Sciences, Brussels, Belgium

15.30 – 16.00 Coffee Break & Poster Viewing

16.00 – 17.00 Poster session 2

-restoration of peatlands

228 Framework for peatland restoration activities in Finnish Natura 2000 conservation areas
Aapala K. 1, Haapalehto T. 2,3, Lindholm T. 1, Sallantaus T. 1, Similä M. 4, Suikki A. 2, Virnes P. 5, and Tahvanainen T. 6
1 Finnish Environment Institute, Expert Services Department, Nature Division, Helsinki, Finland
2 Metsähallitus, Natural Heritage Services, Jyväskylä, Finland
3 Department of Biological and Environmental Science, University of Jyväskylä, Finland
4 Metsähallitus, Natural Heritage Services, Lieksa, Finland
5 Metsähallitus, Natural Heritage Services, Oulu, Finland
6 University of Joensuu, Faculty of Biosciences, Joensuu, Finland

229 Potential gains of restoring active blanket bog in Wales
Wilson J.M.
LIFE Active Blanket Bog in Wales Project, RSPB, Wales

230 Monitoring and restoration of *Mutnanska pila* bog
Spulerova J.
Institute of Landscape Ecology SAS, Bratislava, Slovakia

-restoration of rivers and floodplains

231 Some ecosystem dynamics provided by reintroduced beaver *(Castor fiber)*
Hald A.B.
National Environmental Research Institute, University of Aarhus, Denmark

232 Addition of wood in streams: experiences from a lowland stream restoration project
Didderen K. 1, Verdonschot R.C.M. 1, and Verdonschot P.F.M. 1
Wageningen University and Research Centre, Centre for Ecosystem Studies, Wageningen, the Netherlands

233 River restoration of the 'Kleine Nete' between Herentals en Kasterlee (Flanders – Belgium)
De Bie E., Lermytte J., Dewelde J., Van Aert M., Haesevoets A., Martens K., and Florus M.
Flemish Environment Agency, Division operational watermanagement, Brussels, Belgium

234 The need of multiple communities monitoring to study river's conservation status
Rambaud M. 1, Combroux I. 2, Moret J. 1, and Machon N. 1
1 National Museum of Natural History, Department of ecology and biodiversity management, Paris, France
2 Université Louis Pasteur - Strasbourg, France

235 Polders; an alternative for floodplains?
van Eekelen R., and Soes D.M.
Bureau Waardenburg, Culemborg, the Netherlands

236 Conservation and restoration of the protected habitats of endangered fish species in the largest non-navigable watercourses in Flanders (Belgium)
Monden S. 1, Martens K. 1, Buysse D. 2, and Coeck J. 2
1 Flemish Environment Agency, Brussels, Belgium
2 Research institute for nature and forest, Brussels, Belgium

237 River lamprey *(Lampetra fluviatilis)* and its need for connectivity
Buysse D. 1, Stevens M. 1, Van den Neucker T. 1, Coeck J. 1, Monden S. 2, Martens K. 2, De Vlieger V. 3, and Govaerts A. 4
1 Research Institute for Nature and Forest, Brussels, Belgium
2 Flemish Enviroment Agency, Division operational watermanagement, Brussels, Belgium
3 Waterwegen & Zeekanaal NV, Division Bovenschelde, Ghent, Belgium
4 Maritime Access, Antwerp, Belgium

238 Restoring river/floodplain interconnection to preserve riparian vegetation in the Danube floodplain between Neuburg and Ingolstadt (Bavaria/Germany)
Schwab A. 1, Cyffka B. 1, Stammel B. 1, Haas F. 1, and Kiehl K. 2
1 Aueninstitut (Floodplain Institute) Neuburg, Neuburg a.d. Donau, Germany
2 Vegetation Ecology and Botany, University of Applied Sciences Osnabrueck, Germany

239 The Aueninstitut (Floodplain Institute) Neuburg, tasks and methods
Schwab A. 1, Cyffka B. 1, Stammel B. 1, Haas F. 1, and Kiehl K. 2
1 Aueninstitut (Floodplain Institute) Neuburg, Neuburg a.d. Donau, Germany,
2 Vegetation Ecology and Botany, University of Applied Sciences Osnabrueck, Germany

240 Life Nature 2002-2007: protection of the habitats of the freshwater Pearl Mussel in Belgium. Final results
Motte G.1, Bocca S.2, Collas P.2, and Terren S. 3
1 MRW/CRNFB - Life, Belgium
2 Natagora/RNOB, Belgium
3 PNHFE, Belgium

241 Stepping stones for biodiversity
Janssens F.
Provincie Limburg Provinciaal Natuurcentrum Het Groene Huis, Bokrijk, Belgium

242 Improvement of nature quality in a Danish Natura 2000-area: Mølleådalen
Larsen S.N., and Andersen U.R.
COWI A/S, Department of Nature, Environment, Safety and Health, Denmark

-restoration of wetlands

243 Ecological changes in Manyas bird paradise
Altikat A., Bingul Z., Turan T., and Ekmekyapar F.
Ataturk University Department of Environmental Engineering, Erzurum, Turkey

244 Fen restoration in the Northern part of Turnhout
De Block M. 1, and Vermeulen T. 2
1 Agency for Nature and Forests, Antwerp, Belgium
2 Flemish Land Agency, Antwerp, Belgium

245 Partial ecological restauration of the natural lake "Het vinne"
Beerens I. 1, Devolder D. 1, Boyen M. 1, and Winnen G. 2
1 Vlaamse Landmaatschappij, Brussels, Belgium
2 Agency for Nature and Forest, Flemish Governement, Belgium

246 Impact of wetland restoration on plant genetic diversity
Oudot-Canaff J., Bornette G., and Martel E.
1 University Lyon1, UMR CNRS 5023 Ecology of Fluvial Hydrosystems, Villeurbanne, France

247 Restoration of gamebird habitats in state-owned land in Finland
Siekkinen J., Putaala A., Bisi J., and Joensuu O.
Metsähallitus, Luontopalvelut, Finland

248 "The chemical time bomb; can surface water oxygenation enhance sediment metal availability?"
Teuchies J., de Deckere E., Bervoets L., Blust R., and Meire P.
University of Antwerp, Department of Biology, Antwerp, Belgium

249 Prediction of Annex I habitats in Danish wetlands
Nygaard B. 1, Ejrnæs R.1, Jesper F. 1, and Baatrup-Pedersen A. 2
1 National Environmental Research Institute, University of Aarhus, Dep. of Wildlife Biology and Biodiversity, Denmark
2 National Environmental Research Institute, University of Aarhus, Dep. of Freshwater Ecology, Denmark

250 Monitoring wetlands along the 'Western-Greek Bird Migration Route'. Spatio-temporal change detection using remote sensing and GIS in Logarou Lagoon, Western Greece: a pilot study
Lagring R. 1, Bazigou F. 1, Chan J.C.-W. 2, and Koedam N. 1
1 Vrije Universiteit Brussel, Faculty of Sciences, Biology Departement, Plant Biology and Nature Management, Brussels, Belgium
2 Vrije Universiteit Brussel, Faculty of Sciences, Department of Geography, Brussels, Belgium

251 A preliminary analysis of the legislation regarding the western Greek section of the wetland bird migration routes and its implementation
Bazigou F., Merken R., and Koedam N.
Vrije Universiteit Brussel, Departement of Biology, Plant Biology and Nature Management, Brussels, Belgium

252 Response of macrophytes to restoration from eutrophication in the shallow softwater lake Kraenepoel (Belgium)
Van Wichelen J. 1, Denys L. 2, Packet J. 2, Hoste I. 3, and Vyverman W. 1
1 Ghent University, Department of Biology, Section Protistology and Aquatic Ecology, Ghent, Belgium
2 Research Institute for Nature and Forest (INBO), Brussels, Belgium
3 National Botanic Garden of Belgium, Meise, Belgium

-socio-economic and policy issues

253 Multi attributes project evaluation of ecological restoration: An economic experiment in Kushiro wetland, Japan
Ito N. 1, Takeuchi K. 1, Kuriyama K. 2, Shoji Y. 3, Tsuge T. 4, and Mitani Y. 5
1 Graduate School of Economics, Kobe University, Japan
2 School of Political Science and Economics, Waseda University, Japan
3 Graduate School of Agriculture, Hokkaido University, Japan
4 Faculty of Economics, Konan University, Japan
5 Graduate School of Economics, Waseda University, Japan

254 Visitors' profile and their perceptions of the aesthetic forest Kouri of Almyros, Greece
Papaspyropoulos K.G., and Pappas I.A.
Faculty of Forestry and Natural Environment, Aristotle University of Thessaloniki, Greece

255 Legal issues and landscape restoration in the South of Brazil
Abreu C.T. 1, and Petry C.
Universidade de Passo Fundo, Pós-Graduação em Agronomia, Passo Fundo, Brazil

256 Multiple benefits of land reclamation. The importance of local acceptance in addition to ecological success
Petursdottir Th. 1, and Aradottir A.L. 2
1 Department of Research and Development, Soil Conservation Service, Hella, Iceland
2 Faculty of Environmental Sciences, Agricultural University of Iceland, Reykjavik, Iceland

257 Analyzing aspects of the local society in the protected area of Axios-Loudias-Aliakmonas estuaries (Greece)
Kleftoyanni V. 1, Abakoumkin G. 2, and Vokou D. 1
1 Department of Ecology, School of Biology, Aristotle University of Thessaloniki, Greece
2 Department of Preschool Education, University of Thessaly, Argonafton & Filellinon, Volos, Greece

258 The impact of small scale instruction projects in Turkey's health, safety and environmental policy statement
Turan T., Ekmekyapar F., Altikat A., and Bingül Z.
Atatürk University, Department of Environmental Engineering, Erzurum, Turkey

259 The perspectives for restoration of protected areas of Borneo
Hammen V.C.
Helmholtz Centre for Environmental Research - UFZ, Halle, Germany

260 The GreenKeys eLearning Module: a tool for enhance participation in green cities planning and management
Bocci M., and Marcheggiani E.
Technical University of Marche - Department of Sciences Applied to Complex Systems, Ancona, Italy

261 Planning and implementation of corridor areas in Flanders
Adriaens T., Peymen J., and Decleer K.
Institute for Nature and Forest Research, Ecological networks and policy instruments, Brussels, Belgium

262 SELNAT project: How to make Natura 2000 work properly? – Socio-economic, legal & ecological management
Grogna V. 1, Mahy M.-E. 2 , Meuris S. 3 , Taymans J. 4 , and Weyns S. 5
1 Université Catholique de Louvain, IAG – School of Management, Louvain-la-Neuve, Belgium
2 Université Catholique de Louvain, Séminaire de droit de l'urbanisme et de l'environnement (SERES), Louvain-la-Neuve, Belgium
3 Katholieke Universiteit Leuven, Faculty of Bioscience Engineering, Department of Land Management and Economics, Division Forest, Nature & Landscape, Leuven, Belgium
4 Gembloux Agricultural University, Laboratory of Ecology, Gembloux, Belgium
5 Resource Analysis NV, Antwerpen, Belgium

263 Stakeholder participation: How are Natura2000 sites managed in the EU member states?
Kruk R.W. 1, De Blust G. 1, van Apeldoorn R. 2, and Sier A.
1 Institute for Nature and Forest Research, Brussels, Belgium
2 Alterra, Wageningen University, Wageningen, the Netherlands
3 Centre for Ecology and Hydrology, Lancaster, UK

-species conservation and restoration

264 Status, habitat characteristics and prospects of *Leucorrhinia pectoralis*, an Annex II and IV species, in Flanders (Belgium)
De Knijf G.
Research Institute for Nature and Forest (INBO), Brussels, Belgium

265 A holistic approach for the conservation of the endangered plant priority species of community interest Arabis Kennedyae Meikle in Cyprus
Andreou M. 1, Bourtzis K. 2, Kadis C. 3, and Georghiou K. 1
1 National and Kapodistrian University of Athens, Faculty of Biology, Department of Botany, Greece
2 University of Ioannina, School of Natural Resources and Enterprises Management, Department of Environmental and Natural Resources ManagementGreece
3 Frederick University Cyprus, Nature Conservation Unit, Cyprus

266 Survey of amphibian mitigation measures: Success or failure of substitute spawning ponds
Meynier-Foussard F. 1,2, Pagano A. 1, and Pays O. 1
1 PPF DS 10 Paysages & Biodiversité, Université d'Angers, Campus Belle Beille, Angers, France
2 AEPE-Gingko, bureau d'étude en écologie paysagère, Beaufort en Vallée, France

267 Spontaneous hedgerows of indigenous woody species / new hedgerow containing non-indigenous woody species. Examples from the upper Osterzgebirge (Eastern Ore Mountains), Saxony
Thomas S.,
Dresden University of Technology, Institute of Landscape Architecture, Germany

268 Protection of the Lady's slipper orchid and the Lily leaf lady-bell versus protection of Natura 2000 habitats
Kucharczyk M. 1, and Kucharczyk H. 2
1 Maria-Curie-Sklodowska University, Department of Nature Protection, Lublin, Poland
2 Maria-Curie-Sklodowska University, Department of Zoology, Lublin, Poland

269 Establishment of artificial populations of a rare fern species: an ongoing *Asplenium septentrionale* (Aspleniaceae) project in Estonia
Rünk K., Saun K., and Zobel K.
University of Tartu, Institute of Ecology and Earth Sciences, Tartu, Estonia

270 Response of spider communities to landscape changes in a wet heathland complex
Cristofoli S. 1, Kekenbosch R. 2, and Mahy G. 1
1 Gembloux Agricultural University, Laboratory of Ecology, Gembloux, Belgium
2 Institut Royal des Sciences naturelles de Belgique, Départment d'Entomologie, Bruxelles, Belgium

271 Selecting the best mother seed trees of wild cherry in west forests of Guilan province, due to ecological restoration in mentioned area
Razavi S.M. 1, and Firouzan 2
1 Islamic Azad University, Iran
2 Islamic Azad University, Lahijan branch, Iran

272 The seed bank of the National Botanic Garden of Belgium: the ex situ approach at the service of in situ conservation
Godefroid S., and Vanderborght T.
National Botanic Garden of Belgium

273 Conservation of local endemic plant species of *Pendadactylos range* (Cyprus)
Kadis C. 1, Kounnamas C. 1, Georgiou A. 2, Christodoulou S. Ch. 3, and Tsintides T. 3
1 Frederick University, Cyprus
2 Agricultural Research Institute, Cyprus
3 Forests Department, Cyprus

274 Works ahead! Conservation objectives in Natura 2000 sites and priorities for Annex I Breeding Bird Species
Anselin A., Vermeersch G., and Devos K.
Research Institute for Nature and Forest, Brussels, Belgium

17.00 – 18.00 parallel sessions

Auditorium
parallel session 39:
restoration of tidal ecosystems (4)
Chair: Van den Bergh E., Research Institute for Nature and Forest, Brussels, Belgium

17.00 275 Monitoring plan for intertidal structure restoration in the Venice lagoon
Cornello M. 1, Rismondo A. 2, Bonometto A. 1, Feola A. 1, Boscolo R. 1, Nascimbeni P. 3, Volpe V. 4, and Mayerle G. 4
1 ICRAM – Central Institute for Reserch Applied to the Sea, Italy
2 SELC, Italy
3 Consorzio Venezia Nuova, Italy
4 Ministry for Infrastructure - Venice Water Authority, Italy

17.20 276 Early salt marsh succession in the intertidal part of the IJzer estuary (Belgium), five years after large-scale restoration measures were taken
Erfanzadeh R. 1, Provoost S. 2, Herrier J.-L. 3, Van Nieuwenhuyse H. 1,3, Leten M. 3, and Hardies N. 1
1 Ghent University, Department Biology, Terrestrial Ecology Unit, Ghent, Belgium
2 Research Institute for Nature and Forest, Department Ecosystems. Brussels, Belgium
3 Agency for Nature and Forest, Flemish Community, Bruges, Belgium

17.40 277 Ecological restoration of the River Durme
Van Ryckegem G., Mertens W., Piesschaert F., and Van den Bergh E.
Research Institute for Nature and Forest, Brussels, Belgium

Van Rysselberghe Room
parallel session 40:
socio-economic and policy issues of ecological restoration (5)
Chair: Martens E., Agency for Nature and Forest, Flemish Governement, Belgium

17.00 278 Considering social perception for floodplain lake restoration projects: the cases of the Rhône and Lower Ain Rivers (Rhône-Alpes, France)
Cottet M. 1, Piégay H. 1, Honegger A. 1, and Bornette G. 2
1 University of Lyon, UMR 5600 Environnement Ville Société (CNRS), Lyon, France
2 University of Lyon, UMR 5023 Laboratoire d'écologie des hydrosystèmes fluviaux, Lyon, France

17.20 279 Increasing public support and acceptance using participation and a decision support system to preserve xerotherm habitat on previous alluvial sites in the upper Rhine valley, Germany
Gärtner S. 1, Reif A. 1, Nill M. 1, Prinz J. 2., and Essmann H. 3
1 Albert-Ludwigs University, Institute of Silviculture, Freiburg, Germany
2 Institute for Ecosystem Research, Freiburg, Germany
3 Albert-Ludwigs University, Institute for Forest and Environmental Policy, Freiburg, Germany

17.40 280 Ecological restoration in the Schelde estuary: a process of integrated policy
Vanden Abeele L., Nachtergale N., Decleyre D., Verbanck E., Weyn K., Verelst L., de Munter E., Mertens W., Hessel K., Barbier-Madou D., Deduytsche B., and Flamand G.
Flemish Agency for Nature and Forest, Belgium

Van der Goes Room
parallel session 41:
Workshop

281 **The emperor's new clothes: Can you see them? Placing your work in a true cultural context**
Chair: Scott R., Landlife, National Wildflower Centre, Liverpool, UK

Hubert Van Eyck Room
parallel session 42:
restoration of peatlands (3) fauna
Chair: Esselink H., Bargerveen Foundation , Department of Animal Ecology, Radboud University Nijmegen, Nijmegen, the Netherlands

17.00 282 How important are fine structural resources in habitat restoration. Case study of larvae of two threatened butterfly species: *Proclossiana eunomia* and *Boloria aquilonaris*
Turlure C., and Van Dyck H.
Université catholique de Louvain, Biodiversity Research Centre, Behavioural Ecology and Conservation Group, Louvain-la-Neuve, Belgium

17.20 283 Conservation and restoration of peatland fauna requires restoration of landscape heterogeneity
Van Duinen G.A., Brock A.M.T., Dees A.J., Van Kleef H.H., Kuper J.T., Peeters T.M.J., Verberk W.C.E.P., and Esselink H.
Bargerveen Foundation, Department of Animal Ecology, Radboud University Nijmegen, Nijmegen, the Netherlands

Jan Van Eyck Room
parallel session 43:
restoration of coastal grasslands
Chair: Hoffmann M., Research Institute for Nature and Forest (INBO), Brussels, Belgium and University of Ghent, Dept. Biology, Terrestrial Ecology Unit, Ghent, Belgium

17.00 284 Effect of the Natura 2000 habitat restoration on bird population in coastal meadows: experiences and management implications from the EU Life project in Estonia
Kose M. 1, Klein A. 2, Tammekänd I. 2, Leivits A. 2, and Leivits M. 2
1 University of Tartu Pärnu college, Estonia
2 Estonian State Nature Conservation Centre, Estonia

17.20 285 Nutrient accumulation during reed encroachment reduces efficiency of restoration of Baltic coastal grasslands
Sammul M. Köster T., and Kauer K.
Estonian University of Life Sciences, Institute of Agricultural and Environmental Sciences, Estonia

17.40 286 Restorative grazing and the role of the seed bank in Estonian coastal grasslands, a priority habitat type of Natura 2000
Wanner A., Ludewig K., and Jensen K.
University of Hamburg, Biocenter Klein Flottbek, Hamburg, Germany

Bauwens Room
parallel session 44:
restoration of rivers and floodplains(5), invasive species
Chair: Van Vessem J., Research Institute for Nature and Forest, Brussels, Belgium

17.00 287 Importance of riparian survey for river management and restoration in relation with the presence of three aquatic rodents species: Muskrat, Coypu and European Beaver
Ruys T. 1,2, Kneveler M. 3, and Bernez I. 3
1 GEGENA, Université Reims-Champagne-Ardenne, Campus Croix Rouge, Reims, France
2 2C2A - Centre de Recherche et de Formation en Eco-éthologie, Boult-aux-Bois, France
3 UMR 985 «Ecology & Ecosystem Health» INRA, Agrocampus Rennes, Rennes, France

17.20 288 Invasive plant species management tests and advices along river banks in the Walloon region
Pieret N., Delbart E., Vanderhoeven S., and Mahy G.
Gembloux Agricultural University, Laboratory of Ecology, Gembloux, Belgium

17.40 289 Invasive Species: Impact and Control in the Natura 2000 network. The case of the Northern Vosges streams
Thiebaut G. 1, and Morelle S. 2
1 L.I.E.B.E, University Paul Verlaine- Metz, Metz, France
2 SYCOPARC, La Petite-Pierre, France

18.00 – 19.00 Open session: Preparation Conference Conclusions

20.00 – 23.30 CONFERENCE BANQUET

Friday 12 September 2008

09.00 – 09.35 **Auditorium**
plenary session 9:
Chair: Hobbs R., School of Environmental Science, Murdoch University, Murdoch, Australia

290 **Are we doing more good than harm? Evaluating effectiveness of nature restoration policy in Europe**
Pullin A.
Centre for Evidence-Based Conservation, School of the Environment and Natural Resources, Bangor University, Gwynedd, UK

09.35 – 10.10 **Auditorium**
plenary session 10:
Chair: Hobbs R., School of Environmental Science, Murdoch University, Murdoch, Australia

291 **Ecological restoration in practice: how do we achieve sustainable outcomes?**
Putwain P.
Liverpool University, Ecological Restoration Consultants, Neston, United Kingdom

10.10 – 10.40 **Coffee Break**

10.40 – 12.20 **parallel sessions**

Auditorium
parallel session 45:
restoration of marine and coastal ecosystems
Chair: Tack J., Research Institute for Nature and Forest, Brussels, Belgium

10.40 292 Out of sight, out of mind: the critical importance of baseline data in marine ecological restoration
Houziaux J.-S. 1, Kerckhof F. 2, and Haelters J. 2
1 Royal Belgian Institute of Natural Sciences, Department of Invertebrates, Brussels, Belgium
2 Royal Belgian Institute of Natural Sciences, Marine Ecosystem Management Unit (MUMM), Ostend, Belgium

11.00 293 Creation of Atlantic salt meadows and salt marshes in the polders of Flanders
Daemen E., De Bie J., and Ampe C.
Vlaamse Landmaatschappij Afdeling West-Vlaanderen, Bruges, Belgium

11.20 294 Evaluation of habitat restoration: assessing the consequences of Rat eradication on biodiversity in a Natura 2000 area
Le Viol I., Kerbiriou C., and Julliard R.
Conservation des Espèces, Restauration et Suivi des Populations CERSP, Département Ecologie et Gestion de la Biodiversité, Muséum National d'Histoire Naturelle, Paris, France

11.40 295 Restoration operations of cliff vegetation along the French Atlantic coast: where, who, why, how?
Gallet S., Bioret F., and Lebras G.
Institut de Géoarchitecture, Université de Bretgane Occidentale, Brest, France

12.00 296 Long-term survey of maritime cliff-tops vegetation restoration: a tool for assessing and modelling restoration process
Sawtschuk J. 1, Bioret F. 1, Fichaut B. 2, Gallet S. 1, Perrin G., Ragot R., and Rozé F. 3
1 Université de Bretagne Occidentale, Institut de Géoarchitecture, Brest, France
2 Université de Bretagne Occidentale, UMR 6554 LETG Technopole de Brest Iroise, Brest, France
3 Université de Rennes, UMR 6553 Eco Bio, Rennes, France

Van Rysselberghe Room
parallel session 46:
socio-economic and policy issues of ecological restoration (6)
Chair: Van Reeth W., Research Institute for Nature and Forest, Brussels, Belgium

10.40 297 A participative approach for the definition of best practices in the management and restoration of French Pyrenean ski pistes
Malaval S. 1, and Dantin G. 2
1 Conservatoire Botanique Pyreneen, Conservatoire Botanique National de Midi-Pyrenees, Bagneres de Bigorre, France
2 Bureau d`etudes Amidev, France

11.00 298 Beehives (still) permitted in Dutch Natura2000 reserves? If not, negative consequences for plants?
Dijkstra J.P., and Kwak M.M.
University of Groningen, Community and Conservation Ecology group (COCON), the Netherlands

11.20 299 Land consolidation: from nature destruction to ecological restoration
De Loose L.
Flemish Land Agency, Brussels, Belgium

11.40 300 Of land dunes and swamps. Restoration in the Belgian Campine region: re-introducing dynamics, mosaic, landscape and ... people
Verwaerde J., and Dirkx J.
Natuurpunt, Belgium

12.00 301 Amphibians' ecosystems restoration on the territories of the historically important parks as a way to save these animals in the Moscow city
Semenov D.V.
The Severtsov Institute of Ecology and Evolution, Russia

Van der Goes Room
parallel session 47:
Special Session
302 **Biogeochemistry in Restoration Ecology**
Chair: Roelofs J.G.M., Radboud University Nijmegen, Environmental Biology, Institute for Water and Wetland Research, the Netherlands

10.40 303 The decline of metallophyte vegetation in floodplain grasslands in the Netherlands: implications for conservation and restoration
Lucassen E.C.H.E.T. 1, Roelofs J.G.M. 2, van der Ent T. 1, and Bobbink R. 1
1 B-WARE Research Centre, Radboud University Nijmegen, the Netherlands
2 Environmental Biology, Institute for Water and Wetland Research, Radboud University Nijmegen, the Netherlands

11.00 304 Ecological restoration of agricultural areas
Smolders A.J.P. 1,2, Lucassen E.C.H.E.T. 2, van Mullekom M. 2, Tomassen H.B.M. 2, Lamers L.P.M. 1, and Roelofs J.G.M. 1
1 Environmental Biology, Institute for Water and Wetland Research, Radboud University Nijmegen, the Netherlands
2 B-WARE Research Centre, Radboud University Nijmegen, the Netherlands

11.20 305 The restoration of fens, based on ecological and biogeochemical knowledge
Lamers L.P.M. 1, Geurts J. 2, van Diggelen J.M.H. 2, Lucassen E.C.H.E.T. 2, Smolders A.J.P. 1,2, and Roelofs J.G.M. 1
1 Environmental Biology, Institute for Water and Wetland Research, Radboud University Nijmegen, the Netherlands
2 B-Ware Research Centre, Radboud University Nijmegen, the Netherlands

11.40 306 Restoration of raised bogs: biogeochemical processes involved in the re-establishment of *Sphagnum*-dominated vegetation
Tomassen H.B.M. 1, Smolders A.J.P. 1,2, Lamers L.P.M. 2, and Roelofs J.G.M. 2
1 B-ware Research Centre, Radboud University Nijmegen, the Netherlands
2 Environmental Biology, Institute for Wetland and Water Research, Radboud University Nijmegen, the Netherlands

12.00 307 Restoration of Dutch softwater lakes still very successful after 20 years
Brouwer E. 1, Arts G.H.P. 2, van Dam H. 3, van Kleef H. 4, and Roelofs J.G.M. 5
1B-WARE Research Centre, Radboud University Nijmegen, the Netherlands
2ALTERRA / Wageningen University and Research Centre, Wagenmingen, the Netherlands
3Water and Nature Consultancy, Amsterdam, the Netherlands
4Bargerveen Foundation, Radboud University Nijmegen, Nijmegen, the Netherlands
5Environmental Biology, Institute for Water and Wetland Research, Radboud University Nijmegen, the Netherlands

Hubert Van Eyck Room
parallel session 48:
restoration of peatlands (4)
Chair: Timmermann T., Greifswald University, Institute of Botany and Landscape Ecology, Greifswald, Germany

10.40 308 Restoration of peat growth in fens: theoretical processes and practical limitations
Timmermann T., Joosten H., Succow M., Schulz K., and Zerbe S.
Greifswald University, Institute of Botany and Landscape Ecology, Greifswald, Germany

11.00 309 Interacting effects of sulphate pollution, sulphide toxicity and eutrophication on vegetation development in fens: a mesocosm experiment
Geurts J.J.M. 1,2, Sarneel J.M. 3, Willers B.J.C. 1, Roelofs J.G.M. 1, Verhoeven J.T.A. 3, and Lamers L.P.M. 1
1 Dept of Aquatic Ecology & Environmental Biology, Institute for Wetland and Water Research, Radboud University, Nijmegen, the Netherlands
2 B-WARE Research Centre, Radboud University, Nijmegen, the Netherlands
3 Landscape Ecology, Institute of Environmental Biology, Utrecht University, Utrecht, the Netherlands

11.20 310 Initial effects of re-wetting on vegetation structure and nutrient budget of riverine peatlands
Breuer V., and Schrautzer J.
Ecology Centre of the Christian-Albrechts-Universität at Kiel, Germany

11.40 311 Restoration of plant communities in ditches and turbaries according to water and Natura 2000 criteria in the Vechtplassen area
Beltman B. 1, Weijs W. 2, and Sarneel J. 1
1 Utrecht University, Landscape Ecology, Department of Biology, Utrecht, The Netherlands
2 Natuurmonumenten, management unit Vechtplassen, Vreeland, the Netherlands

12.00 312 Vegetation and nutrient conditions on partly drained extremely-rich (calcareous) fen (Paraspõllu fen in North Estonia)
Truus L., Ilomets M., Sepp K., and Pajula R.
Institute of Ecology at the Tallinn University, Landscape Ecology, Tallinn, Estonia

Jan Van Eyck Room
parallel session 49:
restoration of coastal dune ecosystems
Chair: Kooijman A., University of Amsterdam, IBED, Amsterdam, the Netherlands

10.40 313 Survival and dispersal of rabbits in a translocation experiment in the Netherlands; food quality and the use of burrows
Drees J.M. 1, Dekker J.J.A. 2, Wester L. 1, and Olff H. 1
1 University of Groningen, Community and conservation biology, the Netherlands
2 Dutch Mammal Society, the Netherlands

11.00 314 Grass-encroachment in acid grey dunes: a matter of organic matter and P
Kooijman A.M. 1, Lubbers I. 1, and van Til M. 2
1 University of Amsterdam, IBED, Amsterdam, the Netherlands
2 Waternet Amsterdam, the Netherlands

11.20 315 Can grey dunes be restored from afforestations of *Pinus nigra*?
Van Til M. 1, Snater H., Kemmers R.H. 2, Hoogzaad Y. 3, Oosterbaan B.W.J. 4, and Tietema A. 3
1 Waternet, Research & Development, Amsterdam, the Netherlands
2 WUR-Alterra, Wageningen, the Netherlands
3 University of Amsterdam, Institute for Biodiversity and Ecosystem Dynamics, Amsterdam, the Netherlands
4 Van der Goes en Groot Consultancy, the Netherlands

11.40 316 ANDREA, a new life for ancient dunes!
Herrier J.-L., Van Nieuwenhuyse H., Deruyter S., and Leten M.
Flemish Ministry of Environment, Nature and Energy, Agency for Nature and Forest, Bruges, Belgium

12.00 317 ZENO, the latest Life nature – restoration – project along the Flemish Coast
Dewulf E., Van Nieuwenhuyse H., Herrier J.-L., and Lozie P.
Agency for Nature & Forest of the Flemish Ministry of Environment, Nature and Energy Bruges, Belgium

Bauwens Room
parallel session 50:
restoration of rivers and floodplains(6)
Chair: Huybrechts W., Research Institute for Nature and Forest, Brussels, Belgium

10.40 318 Integrating hydrologic and ecologic models in floodplain restoration, the case of the Drie Beken, Flanders, Belgium
Mertens W. 1, Huybrechts W. 1, Van Gils J. 2, and Saey F. 2
1 Research Institute for Nature and Forest, Brussels, Belgium
2 Nature and Forest Agency, Brussels, Belgium

11.00 319 Integrated modelling of ecological potentials of new restoration sites along the river Meuse
Van Braeckel A.
Research Institute for Nature and Forest, Brussels, Belgium

11.20 320 Impacts of restoration of connectivity in side channels on freshwater habitat types
Combroux I., and Trémolières M.
Centre d'Ecologie Végétale et d'Hydrologie, Institut de Botanique, Université Louis Pasteur, Strasbourg, France

11.40 321 A tool to evaluate the contents of river rehabilitation projects: the APR-protocol
Puértolas L., and Prat N.
University of Barcelona, Ecology Department, Barcelona, Spain

12.00 322 Restoration of wet meadow communities after long-term abandonment
Rosenthal G. 1, and Müller J. 2
1 University of Kassel, Institute of Vegetation Ecology, Kassel, Germany
2 University of Bremen, Institute of Ecology & Evolutionary Biology, Bremen, Germany

12.20 – 13.20 Lunch Break

13.20 – 13.55 **Auditorium**
plenary session 11:
Chair: Hölzel N., University of Münster, Institute of Landscape Ecology, Germany

323 **The European Natura2000 policy: an example of good practice for the world?**
Hobbs R.
School of Environmental Science, Murdoch University, Murdoch, Australia

13.55 – 15.00 **Auditorium**
closing plenary session 12:
Chair: Hoffmann M., Research Institute for Nature and Forest (INBO), Brussels, Belgium and University of Ghent, Dept. Biology, Terrestrial Ecology Unit, Ghent, Belgium

Conference conclusions
Student's poster award
Announcement forthcoming SER conferences

15.00 – 15.30 **Coffee Break and Farewell**