

**Sunday, 28 August 2016**

16:00-19:00	<b>Registration - Berlioz Hall, Level 0</b>
18:00-19:00	<b>Ice-breaker at the Corum Convention Centre - Berlioz Hall, Level 0</b>

**Monday, 29 August 2016**

09:00-09:15	<b>Opening Remarks - Alexia Stokes, Sebastien Barot &amp; William Mitsch</b> <i>Room: Berlioz Auditorium</i>												
09:15-10:30	<b>Plenary Session 1</b> <i>Room: Berlioz Auditorium</i>												
10:30-11:00	<b>Refreshments- Berlioz Hall, Level 0</b>												
11:00-12:45	<b>Plenary Session 1 cont.</b> <i>Room: Berlioz Auditorium</i>												
13:15-14:00	<b>Lunch- Berlioz Hall, Level 0</b>												
14:00-16:00	<i>Room: Pasteur</i> 1 - Sustainable Agriculture	<i>Room: Einstein</i> 2 - Ecohydrology, Biotechnology and Engineering for Sustainable Development Goals	<i>Room: Antigone 1</i> 3 - Roots at the Heart of Belowground Ecology	<i>Room: Antigone 3</i> 4 - Biodiversity , Ecosystem services or Naturalness , is this the question?	<i>Room: Barthez</i> 5 - The Maximum Power of H.T. Odum	<i>Room: Rondelet</i> 6 - Science and Policy: Creating a Happy Marriage (Methods to facilitate science-policy interaction)	<i>Room: Joffre A/B</i> 7 - Scenarios and Models of key Indirect and Direct Drivers in Relation to Nature's Benefits to People	<i>Room: Joffre C/D</i> 8 - Integrative Approaches to Understanding mixed-species groups: Towards community conservation	<i>Room: Sully 1</i> 9 - Looking for mangroves resilience and sustainability	<i>Room: Sully 2</i> 10 - Peatlands rewetting , GHG emissions , paludiculture	<i>Room: Sully 3</i> 11 - Evolutionary thinking, selection and genetics for ecological engineering		
16:00-16:30	<b>Refreshments- Berlioz Hall, Level 0</b>												
16:30-18:00	<i>Room: Pasteur</i> 1 - Sustainable Agriculture	<i>Room: Einstein</i> 2 - Ecohydrology, biotechnology and engineering for Sustainable Development Goals	<i>Room: Antigone 1</i> 3 - Roots at the heart of belowground ecology	<i>Room: Antigone 3</i> 4 - Biodiversity , Ecosystem services or Naturalness , is this the question?	<i>Room: Barthez</i> 5 - The Maximum Power of H.T. Odum	<i>Room: Rondelet</i> 12 - The emergence of wicked problems in coupled human and natural systems: A study in social-ecological complexity	<i>Room: Joffre A/B</i> 13 - Monitoring biodiversity to provide solutions: The use of spatial information at different scales	<i>Room: Joffre C/D</i> 8 - Integrative approaches to understanding mixed-species groups: Towards community conservation	<i>Room: Sully 1</i> 14 - Global expansion of harmful cyanobacterial blooms: What's responsible and how do we reverse this troubling trend?	<i>Room: Sully 2</i> 10 - Peatlands rewetting , GHG emissions , paludiculture	<i>Room: Sully 3</i> SE1 - Side event  Holistic management of seasonal basins		
18:00-19:00	<b>Poster Session 1 - Level 3</b>												

**Tuesday, 30 August 2016**

09:00-10:30	<i>Room: Pasteur 1 - Sustainable Agriculture</i>	<i>Room: Einstein 15 - Ecological models as tools to assess persistence of ecological systems in face of environmental pressures</i>	<i>Room: Antigone 1 16 - Biomarkers: Tools/endpoints to detect environmental and toxicological stressors</i>	<i>Room: Antigone 3 17 - Carbon footprint of Agroecosystems</i>	<i>Room: Barthez 18 - High-elevation ecosystems</i>	<i>Room: Rondelet 19 - Ethics, sustainability and the water, energy, food nexus approach</i>	<i>Room: Joffre A/B 20 - Sustainable River System Management during Energy Generation and Use: A Large River Example</i>	<i>Room: Joffre C/D 8 - Integrative approaches to understanding mixed-species groups: Towards community conservation</i>	<i>Room: Sully 1 21 - Managed forests</i>	<i>Room: Sully 2 22 - Implementing transformative, ecosystem-based adaptation</i>	<i>Room: Sully 3 23 - Ecological Engineering Practice: An International Review</i>	<i>Room: Barcelone SE7 – side event GISCAM workshop: Land use change simulation and trade-off assessment regarding a set of ecosystem services</i>	<i>Room: Louiseville SE14 – side event Improving environmental water management: Sharing perspectives on the diverse elements of river anthropology</i>
10:30-11:00	Refreshments- <i>Berlioz Hall, Level 0</i>												
11:00-12:30	<i>Room: Pasteur 1 - Sustainable Agriculture</i>	<i>Room: Einstein 24 - Impact of land-use change on biogeochemical cycles, biodiversity and related ecosystem services</i>	<i>Room: Antigone 1 25 - Solutions for sustainable environmental performance</i>	<i>Room: Antigone 3 26 - Ecosystem services for impact assessment of projects, plans and policies</i>	<i>Room: Barthez 18 - High-elevation ecosystems</i>	<i>Room: Rondelet 27 - Modelling the impact of human activity, behavior and decisions on the environment. Green marketing strategy and green consumer</i>	<i>Room: Joffre A/B 28 - Engineering mixed planted forests for sustainable provision of ecosystems services</i>	<i>Room: Joffre C/D 29 - Assessing the Status of Exploited Marine Ecosystems</i>	<i>Room: Sully 1 30 - Where ecology meets society: The past and the future of humans and ecosystems</i>	<i>Room: Sully 2 31 - Palaeoecology, resilience, and sustainability</i>	<i>Room: Sully 3 SE2 - Side event - Meet the editors + lunch</i>	<i>Room: Barcelone SE8 - side event BioFrag software suite workshop - Novel computational methods for Landscape Ecology</i>	<i>Room: Louiseville SE14 – side event Continued</i>
12:30-14:00	Lunch - <i>Berlioz Hall, Level 0</i> and Poster Session 1 – <i>Level 3</i>												
14:00-16:00	<i>Room: Pasteur 32 - Wetland restoration and biogeochemistry- Engineering carbon balanced</i>	<i>Room: Einstein 33 - Ecosystem services</i>	<i>Room: Antigone 1 34 - Understanding the links between soil diversity and soil ecosystem</i>	<i>Room: Antigone 3 35 - Plant Resilience after extreme stress</i>	<i>Room: Barthez 36 - Soil C, a double-win for food security and climate mitigation in low input agriculture:</i>	<i>Room: Rondelet 37 - Soil bioengineering systems for building green infrastructure</i>	<i>Room: Joffre A/B 38 - Cities as hybrid ecosystems – Ecological linkages between urban grey and urban</i>	<i>Room: Joffre C/D 39 - Education of Climate Change and Environment Protection Specialists</i>	<i>Room: Sully 1 40 - Increasing species richness and genetic diversity in agriculture</i>	<i>Room: Sully 2 41 - Systemic approach to foster human health through nature-</i>	<i>Room: Sully 3 SE3 - Side event Valuing ecosystem services for environm</i>		<i>Room: Louiseville SE14 – side event Continued</i>

	landscapes		services to inform sustainable soil practices		Lessons from temperate and tropical regions		green systems			based solutions	ental assessment: State-of-the-art and prospective solutions		
16:00-16:30	Refreshments- <i>Berlioz Hall, Level 0</i>												
16:30-18:00	<i>Room: Pasteur</i> 32 - Wetland restoration and biogeochemistry- Engineering carbon balanced landscapes	<i>Room: Einstein</i> 33 - Ecosystem services	<i>Room: Antigone 1</i> 34 - Understanding the links between soil diversity and soil ecosystem services to inform sustainable soil practices	<i>Room: Antigone 3</i> 35 - Plant Resilience after extreme stress	<i>Room: Barthez</i> 42 - Soil fauna: Key to Soil Organic Matter Dynamics and Fertility	<i>Room: Rondelet</i> 43 - Improving predictability of circumboreal forest fire activity and its ecological and socio-economic impacts through multi-proxy data comparisons and monitoring	<i>Room: Joffre A/B</i> 44 - The Role of Living Shorelines as Habitat Conservation Strategies	<i>Room: Joffre C/D</i> 45 - European perspectives and global challenges on achieving no net loss of biodiversity in the context of development	<i>Room: Sully 1</i> 46 - A New Ecology, Systems Ecology	<i>Room: Sully 2</i> 47 - Managing trees and forests across the wilderness/urban continuum	<i>Room: Sully 3</i> SE4 - <i>Side event</i> Integrating sustainability sciences around the hydrological cycle		<i>Room: Louiseville</i> SE14 – <i>side event Continued</i>
18:45-22:00	Beach Party (tickets required)												

### Wednesday, 31 August 2016

09:00-10:30	<i>Room: Pasteur</i> 48 - Servicing ecosystem services: taking action to overcome 21st century decision-making challenges through landscape planning, novel land use science approaches and ecological modelling	<i>Room: Einstein</i> 49 - Ecological Engineering of Sustainable Landscapes	<i>Room: Antigone 1</i> 50 - Area Prioritization for Biodiversity Conservation	<i>Room: Antigone 3</i> 51 - Monitoring Biodiversity in Agricultural Landscapes	<i>Room: Barthez</i> 52 - Plant-Soil Feedbacks: Bridging Natural and Agricultural Sciences	<i>Room: Rondelet</i> 53 - Human regard for other species and the future of biodiversity conservation	<i>Room: Joffre A/B</i> 54 - Marine eco-engineering and spatial planning	<i>Room: Joffre C/D</i> 55 - Ecosystem Services in Coupled Human/Natural Systems: The Role of Trees in Air Pollution Abatement	<i>Room: Sully 1</i> 56 - Current advances in plant water-relations research, implications for forest management and restoration	<i>Room: Sully 2</i> 57 - Ecosystem state transition - observing and modelling landscape self organization	<i>Room: Sully 3</i> 58 - Ecological network models: development and application	<i>Room: Barcelone</i> SE9 - <i>side event</i> Implementation frameworks for climate adaptation and resilience in multi-level governance perspective	
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10:30-11:00	Refreshments- <i>Berlioz Hall, Level 0</i>												
11:00-13:00	<p><b>Room: Pasteur 48 -</b> Servicing ecosystem services: taking action to overcome 21st century decision-making challenges through landscape planning, novel land use science approaches and ecological modelling</p>	<p><b>Room: Einstein 49 -</b> Ecological Engineering of Sustainable Landscapes</p>	<p><b>Room: Antigone 1 50 -</b> Area Prioritization for Biodiversity Conservation</p>	<p><b>Room: Antigone 3 59 -</b> Assessing Ecosystem-based Actions effectiveness. A focus on beneficiaries</p>	<p><b>Room: Barthez 52 -</b> Plant-Soil Feedbacks: Bridging Natural and Agricultural Sciences</p>	<p><b>Room: Rondelet 60 -</b> The art and method of calibration and uncertainty analyses in ecological modelling</p>	<p><b>Room: Joffre A/B 54 -</b> Marine eco-engineering and spatial planning</p>	<p><b>Room: Joffre C/D 61 -</b> Dryland Ecology – Recent Advances and Perspectives</p>	<p><b>Room: Sully 1 62 -</b> Socio-ecological sustainability in fragile tropical environments: from humid to arid ecosystems, what can we do?</p>	<p><b>Room: Sully 2 63 -</b> Linking social and ecological sciences to promote biological conservation in Southern Africa</p>	<p><b>Room: Sully 3 SE5 -</b> Side event Delivering landscape scale conservation using ecological network models</p>	<p><b>Room: Barcelone SE10 -</b> side event Paludiculture: Challenges for science and practice</p>	
12:30-14:00	Lunch - <i>Berlioz Hall, Level 0</i> and Poster Session 2 – <i>Level 3</i>												
14:00-16:00	<p><b>Room: Pasteur 64 -</b> Sustainable agricultural intensification: Ecological and social perspectives</p>	<p><b>Room: Einstein 49 -</b> Ecological Engineering of Sustainable Landscapes</p>	<p><b>Room: Antigone 1 65 -</b> Changing Communities in Time (and Space): Modelling and empirical approaches</p>	<p><b>Room: Antigone 3 66 -</b> Soil-plant interactions and soil Ecosystem Services delivery</p>	<p><b>Room: Barthez 67 -</b> How to better understand and characterize the multiple facets of rarity for conservation strategies?</p>	<p><b>Room: Rondelet 68 -</b> Plant functional traits</p>	<p><b>Room: Joffre A/B 54 -</b> Marine eco-engineering and spatial planning</p>	<p><b>Room: Joffre C/D 69 -</b> Designing urban biodiversity to regulate disease vectors</p>	<p><b>Room: Sully 1 70 -</b> Resilient Rivers</p>	<p><b>Room: Sully 2 71 -</b> Improving the urban water cycle through green infrastructure</p>	<p><b>Room: Sully 3 SE6 -</b> Side event Technological support for citizen science in global ecology</p>		
16:00-16:30	Refreshments- <i>Berlioz Hall, Level 0</i>												
16:30-18:00	<p><b>Room: Pasteur 64 -</b> Sustainable agricultural intensification: Ecological and social perspectives</p>	<p><b>Room: Einstein Film Hallé -</b> Film 'Il était une forêt'</p>	<p><b>Room: Antigone 1 65 -</b> Changing Communities in Time (and Space): Modelling and empirical approaches</p>	<p><b>Room: Antigone 3 66 -</b> Soil-plant interactions and soil Ecosystem Services delivery</p>	<p><b>Room: Barthez 72 -</b> Forests, water and soils: Exploring the importance of their linkages</p>	<p><b>Room: Rondelet 73 -</b> Identifying trade-offs between ecosystem services (EES), biodiversity and industry as a step towards balanced land use</p>	<p><b>Room: Joffre A/B 74 -</b> Carbon sequestration potential and stocks of terrestrial and aquatic ecosystems</p>	<p><b>Room: Joffre C/D 75 -</b> Small-scale Green Infrastructures to Mitigate Degradation of Agricultural Landscapes</p>	<p><b>Room: Sully 1 76 -</b> Modeling Eco-footprint for Urban Land Uses</p>	<p><b>Room: Sully 2 77 -</b> Wetland Modeling and Data Collection for Improved Water Management</p>	<p><b>Room: Sully 3 78 -</b> Farmland biodiversity</p>	<p><b>Room: Barcelone SE11 -</b> side event Complexity science for one health</p>	

19:00-22:00

Conference Dinner (ticketed)

Thursday, 1 September 2016

09:00-10:30	<i>Room: Pasteur</i> 79 - When and how should we intervene to regenerate, restore, or conserve ecosystems?	<i>Room: Einstein</i> 80 - Ecosystem services related to agricultural ecosystems	<i>Room: Antigone 1</i> 81 - Soil and Water Conservation and Restoration : Innovative Engineering tools and New Approaches Session 1 Water	<i>Room: Antigone 3</i> 82 - The future of urban sustainability: Smart, efficient, green or just?	<i>Room: Barthez</i> 83 - Feeding a Growing Population while Sustaining the Earth	<i>Room: Rondelet</i> 84 - Forest Ecosystem Health and its Multi-functions - Slot 1	<i>Room: Joffre A/B</i> 85 - Wildlife evolutionary ecology in agricultural landscapes	<i>Room: Joffre C/D</i> 86 - Food webs in terrestrial, aquatic and marine environments - Concepts and modelling approaches'	<i>Room: Sully 1</i> 87 - Spatiotemporal patterns as early warnings of possible catastrophic shifts in stressed ecological systems - Slot 1	<i>Room: Sully 2</i> 88 - Ecological thermodynamics	<i>Room: Sully 3</i> 89 - Constructed Wetlands and Nutrient Management	<i>Room: Barcelone</i> SE12 - side event Workshop - Identifying trade-offs between ecosystem services (EES), biodiversity and industry as a step towards balanced land use	
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10:30-11:00 Refreshments- *Berlioz Hall, Level 0*

11:00-12:30	<i>Room: Pasteur</i> 79 - When and how should we intervene to regenerate, restore, or conserve ecosystems?	<i>Room: Einstein</i> 80 - Ecosystem services related to agricultural ecosystems	<i>Room: Antigone 1</i> 81 - Soil and Water Conservation and Restoration : Innovative Engineering tools and New Approaches Session 2 Soil	<i>Room: Antigone 3</i> 82 - The future of urban sustainability: Smart, efficient, green or just?	<i>Room: Barthez</i> 90 - Climate Change: Ecological and socio economic dimensions in the coastal zone	<i>Room: Rondelet</i> 84 - Forest Ecosystem Health and its Multi-functions - Slot 2	<i>Room: Joffre A/B</i> 91 - Flourishing within the limits: designing sustainable socio-economic systems that respect nature's boundaries	<i>Room: Joffre C/D</i> 92 - Nitrogen & Sustain	<i>Room: Sully 1</i> 87 - Spatiotemporal patterns as early warnings of possible catastrophic shifts in stressed ecological systems - Slot 2	<i>Room: Sully 2</i> 93 - Emergy assessment of sustainability: How emergy accounting can help agro-ecosystems to address the needs of agroecology	<i>Room: Sully 3</i> 94 - Coastal Temperate Forests: Sea Level Impacts and Climate Adaptation	<i>Room: Barcelone</i> SE13 - side event Generating practical outputs from ES studies: An interdisciplinary exchange	
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12:30-13:30 Lunch - *Berlioz Hall, Level 0* and Poster Session 2 – *Level 3*

13:30-15:00 Plenary Session 2  
*Room: Berlioz Auditorium*

15:00-15:30 Refreshments- *Berlioz Hall, Level 0*

15:30-17:00 Plenary Session 2 cont.  
*Room: Berlioz Auditorium*

17:00-17:30 Conference Closing  
*Room: Berlioz Auditorium*