

WORLD SYMPOSIUM ON CLIMATE CHANGE AND BIODIVERSITY

Manchester, UK, 3rd-5th April 2018



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VENUE

Manchester Metropolitan University Business School
All Saints, All Saints Campus, Manchester M15 6BH, UK All Saints Park, Manchester M15 6LL

PROGRAMME

Day 1: 3rd April 2018- Room G.34

Afternoon (15:00-18:00):

Arrival, registration (I) and set-up of displays

Evening:

Free

Day 2: 4th April 2018- Room G.34

08:30-09:00- Registration (II)

09:00-09:10- Welcome by Professor Malcolm Press, Vice-Chancellor, Manchester Metropolitan University

09:10-09:20- The International Climate Change Programme and aims of the event (Prof. Walter Leal, Manchester Metropolitan University)

09:20-10:00- Keynote speech: Climate Change and Biodiversity: Beyond direct impacts (Dr. Valerie Kapos, UN Environment World Conservation and Monitoring Centre, UK)

10:00-10:30- Ensuring Co-Benefits for Biodiversity, Climate Change and Sustainable Development (Dr. Risa Smith, IUCN/World Commission on Protected Areas/Protected Areas Climate Change Specialist Group, Canada)

10:30-11:00- Sustainable Hydropower: using Ecosystem-based Adaptation to increase local Adaptation Capacity in Brazil (Dr. Katia Cristina Garcia, Electric Power Research Center (CEPEL)/Eletrobras Group, Brazil)

11:00-11:30- Coffee break

11:30-13:00- Presentations (Chair: Walter Leal)

11:30-11:50- Significance of protected area network in preserving biodiversity in a changing northern European climate (Dr. Raimo Virkkala, Finnish Environment Institute, Finland)

11:50-12:10- Future perception of the "El Culebrón" wetland, Coquimbo (Chile): an interdisciplinary educational experience (Mr. Angelo Araya-Piñones (1)(2) & Dr. Sonia Salas Bravo (1)(3), (1) Universidad de La Serena, Chile; (2) Francis School, Coquibo, Chile; (3) Centro de Estudios Avanzados en Zonas Áridas (CEAZA, Chile), CHILE)



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12:10-12:30- Impact of Climate Change on Sawfly (Suborder: Symphyta) Pollinators in Andalusia Region, Spain (Dr. Jelena Barbir, International Climate Change Information Programme (ICCIP), Germany)

12:30-12:50- The Impact of Climate Change and Variability on Wild Terrestrial Animals in Selected Rural Coastal Regions of Kenya (Ms. Bertha Othoche, Pwani University, Kenya)

12:50-13:10- Biodiversity Conservation and Climate Change (Prof. Richard Preziosi, Manchester Metropolitan University, UK)

13:10-14:00- Lunch

14:00-15:00- **Presentations (Chair: Risa Smith)**

14:00-14:20- The Yellowstone to Yukon Conservation Initiative as an adaptive response to climate change (Dr. Charles C. Chester, The Fletcher School, Tufts University, USA)

14:20-14:40- Introducing spatio-temporal conservation units: models for flexible optimization of species persistence under climate change (Dr. Diogo Alagador, Research Center on Biodiversity and Genetic Resources (CIBIO), University of Évora, Portugal)

14:40-15:00- Effects of climate change on the biodiversity of Aleppo pine forest of Senalba (Algeria) (Ms. Amel Sassoui, University of Djelfa, Algeria)

15:00-15:30- Coffee break

15:30-17:30- **Presentations (Chair: Jelena Barbir)**

15:30-15:50- Climate Change and Biodiversity response in the Niger delta region of Nigeria (Prof. Philip O. Phil-Eze, University of Nigeria, Nigeria)

15:50-16:10- The Impact of Forest Fire on the Biodiversity and the Soil Characteristics of Tropical Peatland (Prof. Dr. Cahyono Agus, Universitas Gadjahmada Yogyakarta, Indonesia)

16:10-16:30- Promoting Climate Agenda and Biodiversity Conservation at the Local Level: A Case for Nepal's Rural and Urban Municipalities (Krishna Roka, University of Wisconsin-Stevens Point, Nepal)

16:30-16:50- The impact of N deposition on tropical heath forest (Dr. Giacomo Sellan, Manchester Metropolitan University, UK)

16:50-17:10 - A participatory approach for exploring options for ecological intensification to improve food security and agricultural sustainability: A perspective of South African smallholder agriculture (Mr. Farirai Rusere, Climate System Analysis Group (CSAG), South Africa)

17:10-17:30- Climate and Biological Diversity: How the Effects of Climate Change on Biological Diversity Should be Legally Addressed in International and Comparative Law and Solutions? (Prof. Dr. Sergio Peña-Nera, Universidad Mayor, Chile; University of Cambridge (Lauterpacht), UK)- via Skype

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18:00-19:30- Reception

Day 3: 5th April 2018- Room G.34

Presentations (Chair: Giacomo Sellan)

09:00- 09:30- Climate sentinels research program: developing indicators of the effects of climate change on biodiversity in the region of New Aquitaine (South West, France) (Ph. D. Fanny Mallard, Cistude Nature, France)

09:30-10:00- Factors Affecting Communication and Information sharing for Water Resource Management in Lake Victoria Basin (LVB) (Mr. Odongtoo Godfrey, Makerere University, Uganda)

10:00-10:30- Hypotheses from Recent Assessments of Climate Impacts to Biodiversity and Ecosystems in the United States (Dr. Shawn Carter, U.S. Geological Survey, U.S. Department of the Interior, USA)

10:30-11:00 – Coffee break

Presentations (Chair: Shawn Carter)

11:00-11:20- Taking biodiversity issues into account in the energy transition (Mrs. Agnes Hallosserie, French Foundation for Research on Biodiversity, France)

11:20-11:40- Is adaptation to climate change threatening forest biodiversity? A comparative and interdisciplinary study case of two French forests (Mr. Timothée Fouqueray, Laboratory Ecology, Systematics, Evolution, Université Paris-Sud/CNRS/Agroparistech, France)

11:40- 12:00- Community Action for Biodiversity and Forest Conservation and Adaptation to Climate Change in the Wild Coffee Forests (CAFA) (Ms. Svane Bender-Kaphengst, The Nature and Biodiversity Conservation Union (NABU), Ethiopia/ Germany)

12:00-12:20- Modelling ecosystem services provision of changing urban green structures (Mr. Fraser Baker, Manchester Metropolitan University, UK)

12:20-12:40- Coffee, Climate, and Biodiversity: Understanding the carbon stocks of the shade-grown coffee production system of India (Dr.N. Anil Kumar, M.S.Swaminathan Research Foundation (MSSRF), India)

12:40-13:00- 12:40-13:00- Wild Power: using market forces to ensure biodiversity and renewable energy (Dr David Gazdag and Dr Guy Parker, Wild Power, UK)

13:00-13:10- Final Session: Conclusions hand over of the best paper awards

13:10-14:00- Farewell lunch



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Posters

The International Climate Change Information Programme
Walter Leal, HAW Hamburg, Germany

Saving the last endemic-church forests in Ethiopia: The case of Lake Tana Biosphere Reserve
Teowdroes Kassahun Teka and Svane Bender-Kaphengst, The Nature and Biodiversity Conservation Union (NABU), Ethiopia/ Germany

A systematic review of factors influencing the biodiversity of urban derelict land
Paul Preston, Gina Cavan, Rachel Dunk, Graham Smith, Manchester Metropolitan University, UK

Monitoring and modelling to the Niger Delta mangrove forest using an ecosystem services approach
Iliya Nababa, Manchester Metropolitan University, UK

Climate sentinels research program: developing indicators of the effects of climate change on biodiversity in the region of New Aquitaine (South West, France)
Fanny Mallard, Cistude Nature, France