



Biodiversity and Health

SIDE EVENTS

2018 UN Biodiversity Conference

Sharm el-Sheikh, Egypt



GETTING HEALTHY: MAINSTREAMING BIODIVERSITY FOR RESILIENCE

When: Sunday 18th November, 13:15 to 14:30

Where: Red Sea - GRULAC Room, Building 1

Partners: Philippines Department of Health, Finland Ministry of Environment, ASEAN Centre for Biodiversity, CBD, WHO, and Bioersivity International.

Human health is intimately interconnected with biodiversity and the health of our ecosystems, with a growing understanding of their complex links, shared threats and joint opportunities for maximizing co-benefits. As we pursue the Sustainable Development Goals, rapidly changing socio-ecological dynamics and anthropogenic pressures are concurrently posing new and unprecedented threats to biodiversity and the ecosystem services leading to new major health and development challenges from local to planetary scales. What are the most viable synergies to address these challenges and how can we translate these into policy prescription and move towards meaningful implementation? This side event will explore these themes drawing on expert advice with a view towards practical applications on the ground. It will seek to explore pathways to pragmatic, scalable and interdisciplinary policy solutions fostering biodiversity-health synergies, spanning the local to the global levels. These insights will concretely support the UN Sustainable Development Goals, and the 2030 agenda for sustainable development. **A sustainable lunch will be served!**

Side Events on Biodiversity and Health at the UN Biodiversity Conference 2018 (continued)



THE FUTURE WE WANT: INTEGRATING BIODIVERSITY CONSIDERATIONS INTO ONE HEALTH APPROACHES

When: Monday 19th November, 13:15 to 14:30

Where: Red Sea - GRULAC Room, Building 1

Partners: CBD, WHO, Ecohealth Alliance, NEOH, Towards a Safer World Network

Integrated approaches to health such as Ecohealth, One Health and Planetary Health make it possible to advance coherent cross-sectoral responses to leading development challenges – poverty, ill-health, environmental degradation, climate change, and gender inequality. Drawing on the biodiversity-inclusive One Health Guidance endorsed at the twenty first meeting of the SBSTTA, this side-event focuses on how the global community can move from concept to action at the local and national levels, and how biodiversity-inclusive approaches to health can accelerate progress on the Sustainable Development Goals and the pledge to leave no one behind. It will showcase a series of case studies, novel tools, partnerships and best practices such as the the framework for evaluation of integrated approaches to health developed by the Network for the Evaluation of One Health and the One Health operational framework developed by the World Bank.

A vegetarian lunch will be served to celebrate Meatless Monday!

HEALTHY URBAN MICROBIOME INITIATIVE

When: Tuesday 20th November, 13:15 to 14:30

Where: Red Sea - GRULAC Room, Building 1

Partners: Healthy Urban Microbiome Initiative partners (University of Adelaide, Dorset Public Health, National Health Service, UK, China CDC, & several others!)

The long-term goal of the Healthy Urban Microbiome Initiative is to improve the health of urban populations by increasing their exposures to biodiverse environments. Greenspaces have long been thought healthy places within stressful urban environments that are restorative of human health. These urban oases range from remnant natural vegetation to community-inspired urban food gardens that contain a broad range of macro-biodiversity, but poorly studied microbiomes. Environmental microbiomes regulate the development and quality of our immune responses, resting levels of inflammation, and responses to vaccines. Interactions between environmental and human microbiomes may therefore have an influence on the development of conditions such as asthma, allergies and autoimmune disease. Innovative research & case studies carried out across Australia, China, India, and the United Kingdom will be showcased. **A sustainable lunch will be served!**

Side Events on Biodiversity and Health at the UN Biodiversity Conference 2018 (continued)



TRANSFORMING THE GLOBAL FOOD SYSTEM

When: Wednesday 20th November, 13:15 to 14:30

Where: Al Alamien - Contact Group 5 Room, Building 2

Partners: World Health Organization, Biodiversity and Community Health Initiative, UN Environment, GEF, Slow Food International, CBD

The impact of the global food system on the natural world and on human health is severe. Food production is the greatest contributor to climate change, accounting for nearly 30 percent of all human-caused greenhouse gas emissions. It is also a significant contributor of biodiversity, deforestation, freshwater pollution and the depletion of marine ecosystems. From the obesity epidemic to rising global temperatures, food production and consumption are major drivers in many global trends and the list of indictments against it is growing. Without reform, as the world's population increases and climate change continues unabated, these problems will be magnified. But the extensive impact of food also means that reforming the system is an opportunity to make decisive positive impact on the health of people and the planet. This event will examine how biodiversity can be harnessed to achieve a more sustainable food system, by harnessing novel collaborative partnerships that bring together policy makers, industry leaders, researchers and civil society, to develop solutions that are practical and have support from all sides. across these areas to foster healthier, more sustainable food systems and societies.

A sustainable lunch will be served!

BIODIVERSITY, DIETS AND NUTRITION: SUSTAINABLE SOLUTIONS FOR HEALTHY FOOD SYSTEMS

When: Monday 26th November, 18:30 to 14:30

Where: Event tent, Building 2

Partners: Bioversity International, FAO, UN Environment, CBD-WHO Joint Work Programme and more!

Significant changes in global food systems over recent decades have resulted in profound negative impacts on health and well-being that range from food insecurity to chronic disease, and from environmental degradation to diminished economic opportunity and the erosion of culture. These impacts are experienced unequally across the globe and between different groups of people in different places. Transformational change is urgently required (Global Alliance for the Future of Food, 2017). Given the state of food and nutrition security today, it is clear that this need for transformational change has not been realized. Policy discussions and deliberations that impact on food and food systems often remain fragmented and incoherent. A key cornerstone of good food is food biodiversity broadly defined as "the diversity of plants, animals and other organisms used for food, covering the genetic resources within species, between species and provided by ecosystems". Nutritional diversity required for a healthy life is dependent on this diversity. Yet there remain many political, social, economic and technical barriers to mainstreaming food biodiversity to improve food systems and health. The GEF-funded Biodiversity for Food and Nutrition (BFN) Project represents a unique and novel approach to better linking food biodiversity, diets and nutrition. It is a multi-country, cross-sectoral initiative that has researched and promoted local food biodiversity in four countries: Brazil, Kenya, Turkey, and Sri Lanka. The BFN Project demonstrates key successes, lessons and good practices which other countries - interested in greater utilization of native food biodiversity for more sustainable and healthy food systems - can replicate. This side event will allow the key BFN Parties and Partners to showcase their innovations and results, and discuss the processes and strategies they employed to overcome barriers and challenges to mainstreaming.

More special events on Health & Biodiversity at COP 14

2nd Sustainable Wildlife Forum

Thursday, 21 Nov 2018: (Session I) People and Wildlife: Health and Security

Partners of the CBD-WHO joint work programme on biodiversity and health are also contributing to one of the four sessions of the second sustainable wildlife forum. Drawing on case studies from Namibia, Bangladesh, Malaysia, India and Liberia, this session will examine different levels of interaction between people and wildlife. It will address a range of themes, challenges and opportunities at the intersection of human and wildlife interactions ranging from human-wildlife conflict in Namibia, to wild meat consumption in India as well as health security risks from unsustainable and illegal wildlife trade in Liberia. Building on experiences in Bangladesh and Malaysia, it will also discuss how One Health approaches can help to target shared drivers of biodiversity loss and disease emergence.

For more information visit: <https://www.wildlife-forum.com/session-i>



Saturday, 24 November: HEALTH DAY at the RIO CONVENTIONS PAVILION!

Join us for an exciting day at the RCP with over 30 panellists from government, Indigenous and local communities, UN agencies, international organizations, academia, and NGOs with insights and expertise in different areas of the health and biodiversity nexus.

Health day will also feature a new partnership, **unique launch event and 2020 Challenge!**

For more information visit: www.cbd.int/health/cop14 for details on the exciting programme!

Sunday, 25 November: Agriculture Day at the RCP

On the occasion of Agriculture Day, partners of the CBD-WHO joint work programme will also contribute to a panel on **“Biodiversity for Food and nutrition: Challenges and opportunities”**

Be sure not to miss the IISD coverage from the Rio Conventions Pavillion at:

<http://enb.iisd.org/biodiv/cop14/riopavilion/about.html>