





based on a decision of the German Bundestag

FEBA Journey at IUCN World Conservation Congress

3 – 11 September 2021





3 - 11 SEPTEMBER 2021

About

As the first hybrid in-person and virtual environmental event since the COVID-19 pandemic began, the <u>IUCN World Conservation Congress</u> (WCC) will drive action on nature-based recovery, climate change and biodiversity for decades to come.

WCC is where the world comes together to set priorities and drive conservation and sustainable development action. IUCN's 1400+ government, civil society and indigenous peoples' Member organisations vote on major issues, action which guides humanity's relationship with our planet for the decades ahead. IUCN's unique and inclusive membership gives the Congress a powerful mandate as it is not solely government or non-government, but both together.

About this document

This document delineates a journey through WCC for individuals interested in following work related to Ecosystem-based Adaptation (EbA) – an approach that falls under the umbrella of Nature-based Solutions (NbS) – and many related, cross-cutting topics. The items listed in this document also relate to the breadth of topics covered by the <u>FEBA Working Groups</u>.

Note: Speakers and event details are subject to change – confirm all event information on the <u>WCC Official Programme</u>. Further events of interest can be found throughout the <u>WCC Official Programme</u>, especially under the theme <u>Accelerating climate change adaptation and mitigation</u>.

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About FEBA

The <u>Friends of Ecosystem-based Adaptation</u> (FEBA) is a global collaborative network of more than 90+ agencies and organisations involved in EbA working jointly to share experiences and knowledge, to improve the implementation of EbA related activities on the ground, and to raise awareness and understanding of EbA in adaptation planning processes and multilateral policy frameworks. The International Union for Conservation of Nature (IUCN) serves as the FEBA Secretariat. The coordination of the FEBA network is part of the International Climate Initiative (IKI). The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) supports this initiative on the basis of a decision adopted by the German Bundestag.

Events of interest

Calendar of events

All times listed in Marseille time (CEST). FEBA-led events are indicated with an asterisk (*).

Fri, 3 Sept	Sat, 4 Sept	Sun, 5 Sep	Mon, 6 Sep	Tues, 7 Sep	Wed, 8 Sep
12:00 - 16:00: IUCN Local Action Summit 14:10 - 14:45: Roundtable: Realising environmental rights 12:30 - 16:30: World Summit of Indigenous Peoples and Nature 17:00 - 19:00: Congress Opening Ceremony	11:00 - 12:30: Opening Plenary: Mobilising Nature and Society to address the Climate Emergency - Setting the Stage 16:00 - 17:30: Global pressures on mangroves and their communities: solutions from conservation and restoration 16:00 - 17:30: Climate change and biodiversity interlinkages: From science-policy assessments to action 16:00 - 18:00: Nature-based Solutions Training: using the global standard to achieve positive sustainable change 18:00 - 21:00: Naturally Beneficial: PANORAMA Solutions for a Healthy Planet *18:30 - 20:30: Doing it better: monitoring and evaluation for ecosystem-based adaptation	08:30 - 12:30: Post-2020 global biodiversity framework: a recipe for success 08:30 - 10:30: Scaling, not failing: Building on existing solutions for a healthy planet through PANORAMA 10:15 - 11:00: From policy to implementation: Making EbA a reality in Guatemala 11:00 - 12:30: The Business of Climate Change Mitigation and Adaptation 18:00 - 19:30: Mangrove and Blue Carbon Conservation and Restoration — Successes in the Swamp 16:00 - 18:00: From ecosystem governance to ecosystem-based adaptation: what should I say?	09:00 - 10:30: Scaling up – expanding action on the global crisis facing freshwater biodiversity 09:00 - 10:30: Building islands resilience – best practices and innovations from around the world 13:30 - 15:30: Conservation Action Café - Climate Change *14:00 - 15:30: Ecosystems and Technology: Innovative Approaches to Strengthening Coastal and Ocean Adaptation 14:00 - 15:30: Cooperation on Nature-based Solutions for Adaptation in the basins of lakes, rivers and aquifers 14:00 - 15:30: One Earth - One Health: how can we mitigate future pandemics? 16:00 - 17:30: Increasing Coastal Resilience: West African communities step up to the challenge 16:00 - 17:00: Kiwa Initiative High Level Session *20:00 - 21:30: Raising global ambition on climate change and biodiversity through nature-based solutions	*11:00 - 12:30: Accelerating Nature-based Solutions for Adaptation to Climate Change 15:15 - 16:15: #Roots of Hope: Launch of the Guiding Principles on Sustainable Mangrove Ecosystem Management	08:30 - 12:30: 2nd Sitting of the Members' Assembly 10:00-11:30: Strategic Discussion: The influences of biodiversity loss and climate change on public health

FEBA Journey at IUCN WCC

Friday, 3 September 2021

Session: <u>IUCN Local Action Summit – Roundtable: Realising environmental rights</u>

Time of Local Action Summit: 12:00 - 16:00 CEST / 06:00 - 10:00 EDT

Time of Roundtable: Realising environmental rights: 14:10 - 14:45 CEST / 08:10 - 08:45 EDT

Location: Onsite (H8 - 4 Martinique) and livestreamed

Language: EN, FR, ES Organised by: IUCN

Description: The IUCN Local Action Summit will showcase and galvanise the efforts of subnational governments (at all levels) and their partners to deliver conservation outcomes at scale. It will make the case for investing in nature-based solutions as part of a green recovery and seek to exact new and additional commitments for conservation action. In alignment with the Edinburgh Process and pertaining Edinburgh Declaration, the Summit will build momentum towards the adoption of an ambitious and inclusive post-2020 global biodiversity framework. During the *Roundtable: Realising environmental rights*, the new FEBA Urban EbA Technical Publication will be promoted by Dr Sumetee Pahwa Gaijar.

Speakers (Facilitators are listed on the official WCC event page.):

- Mr Jonathan HUGHES, IUCN Council
- Ms Chantal VAN HAM, EU Programme Manager Nature-Based Solutions and Acting Director, IUCN European Regional Office
- Mr Russell GALT, IUCN Urban Alliance
- Bérangère ABBA, Secretary of State for Biodiversity (FR), French Government
- Mr Renaud MUSELIER, Président, Région SUD, Région Provence-Alpes-Côte d'Azur, France
- Mrs Claudia LÓPEZ HERNÁNDEZ, Mayor of Bogotá, Bogotá Mayor's Office, Colombia
- Mr Patricio LOMBARDI, Minister of Climate Change, Province of Misiones, Secretariad of State of Climate Change, Argentina
- Mr Christophe NUTTALL, Executive Director, R20 Regions of Climate Action
- Dr Cheryl CHARLES, President and CEO Emerita, Children & Nature Network
- Ms María Inés HERNANDEZ DE LA PENA, MPhil Conservation Leadership, University of Cambridge
- Dr Sumetee Pahwa Gajjar, Senior Expert, PlanAdapt & Member, FEBA Urban EbA Working Group
- Mr Pablo Arturo Lopez Guijosa, Project Manager, Mexico

Session: World Summit of Indigenous Peoples and Nature

Time: 12:30 - 16:30 CEST / 06:30 - 10:30 EDT Location: Online Only (Virtual Channel 1)

Language: EN, ES, FR

Organised by: IUCN (See partner organisations on session page)

Description: IUCN's Member Indigenous Peoples Organizations (IPOs) are leading the organizing of the World Summit of Indigenous Peoples and Nature. This Summit will bring together representatives of indigenous organizations who are actively working on biodiversity and natural resources, climate change, and management of indigenous lands and territories around the world.

Moderator: Dr Anita TZEC, Program Officer Indigenous Peoples and Conservation, IUCN

Session: Congress Opening Ceremony

Time: 17:00 - 19:00 CEST / 11:00 - 13:00 EDT

Location: Onsite (H1 Plenary - Calangues) and livestreamed

Language: EN, ES, FR

Organised by: IUCN, Ministry for the Ecological and Inclusive Transition of France (MTES)

Description: The IUCN Congress is an unparalleled opportunity to learn, shape new policies, engage

decision-makers, elevate ambitions.

- Ms Asha SUMPUTH, Journalist, Media
- Mr Xinsheng ZHANG, President, IUCN

Saturday, 4 September 2021

Session: Opening Plenary: Mobilising Nature and Society to address the Climate Emergency - Setting the Stage

Time: 11:00 - 12:30 CEST / 05:00 - 06:30 EDT *Location*: Onsite (H8 - 1 Perche) and livestreamed

Language: EN, ES, FR Organised by: IUCN

Description: Nature is an overlooked ally in addressing the climate emergency. Through participatory, inclusive and cost-effective approaches, Nature-based Solutions - centred on the conservation, restoration and sustainable management of the world's ecosystems - can be powerfully deployed at scale for climate change mitigation, adaptation and disaster risk reduction. To address the climate crisis effectively across the globe needs the commitment of all societal actors - governments, businesses, women, youth, indigenous peoples, and others. This opening plenary sets the stage for identifying practical pathways through which the global community can mobilise ambitious action on nature and climate in 2021, in the lead up to UNFCCC COP26 in Glasgow, and beyond.

Speakers:

- Ms Barbara POMPILI, Ministre, France
- Ms Nancy TEMBO, Minister of Forestry and Natural Resources, Government of Malawi
- Mrs Patricia DANZI, Director-General, Swiss Agency for Development and Cooperation SDC

Session: Global pressures on mangroves and their communities: solutions from conservation and restoration

Time: 16:00 - 17:30 CEST / 10:00 - 11:30 EDT Location: Onsite (H8 - 8 Pyrenées) and livestreamed

Language: EN

Organised by: Fonds français pour l'environnement mondial; IRD; IUCN

Description: Mangroves are an essential element of the resilience of coastal ecosystems and populations to erosion linked to climate change. But they are subject to significant anthropogenic pressures. Between 1980 and 2005, mangrove areas decreased by 20%. Many preservation and restoration programs are conducted in the concerned areas with sometimes very mixed results. The session will focus on the approach that emphasizes the restoration of natural regeneration conditions. After recalling how these ecosystems represent effective solutions for mitigation and adaptation to climate change, the session will consider the most effective restoration methods, and will review the state of knowledge and innovations in this field. It will also focus on preparing young professionals to preserve these ecosystems in the future. Speakers:

- Ms Dorothee HERR, IUCN, Oceans and Climate Change
- Dr Jacques PANFILI, Research Director, IRD (Institut de Recherche pour le Développement) -UMR MARBEC (Marine biodiversity, exploitation and conservation)
- Dr Marie-Christine CORMIER-SALEM, Director, IRD
- Mr Thomas SBERNA, Regional Head Coastal and Ocean Resilience, IUCN ESARO

Saturday, 4 September 2021 (continued)















Session: Doing it better: monitoring and evaluation for ecosystem-based adaptation

Time: 18:30 - 20:30 CEST / 12:30 - 14:30 EDT *Location*: Online Only (Virtual Channel 5)

Language: EN

Organised by: FEBA; United Nations Environment Programme World Conservation Monitoring Centre (UNEP-WCMC); GIZ; Conservation International (CI); IUCN

Description: This training session provides an overview of how to design and implement monitoring and evaluation (M&E) for ecosystem-based adaptation (EbA). Participants will learn how to use a theory of change approach for supporting long-term M&E that focuses on measuring outcomes and impacts, and for managing the challenges associated with M&E for EbA.

This training session provides an overview of the process needed for designing and implementing effective monitoring and evaluation (M&E) for ecosystem-based adaptation (EbA) interventions. It introduces participants to the intricacies and challenges associated with monitoring and evaluating EbA, and provides them with approaches and tools for addressing these. Participants will learn how to use a theory of change approach as the basis for developing a long-term M&E system that goes beyond measuring the activities and outputs of an EbA intervention to evaluating the outcomes and impacts of those actions. By developing theories of change for typical EbA interventions, participants will gain hands-on experience in carrying out the process, including in identifying risks, assumptions and appropriate indicators (focusing on medium- to long-term outcome indicators). The training will also cover steps for operationalising an M&E system, and for using and communicating M&E results.

- Dr Camila DONATTI, Director, Climate adaptation, Conservation International
- Dr Giacomo FEDELE, Senior Manager, Climate Change Adaptation, Conservation International
- Mr Harald LOSSACK, Head of Programme, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- Ms Lauren WEATHERDON, Knowledge Management Lead; Senior Programme Officer, UN Environment Programme World Conservation Monitoring Centre (UNEP-WCMC)

Sunday, 5 September 2021

Session: Post-2020 global biodiversity framework: a recipe for success

Time: 08:30 - 12:30 CEST / 02:30 - 06:30 EDT *Location*: Onsite Only (H8 - 2 Forêt d'Orient)

Language: EN Organised by: IUCN

Description: In 2021, the post-2020 global biodiversity framework is expected to be available in the form of a draft decision for adoption at the UN Biodiversity Conference in Kunming, China, following negotiations by Parties to the Convention on Biological Diversity at the Open-Ended Working Group third meeting (OEWG-3). This session will take place immediately after the close of the OEWG-3 (scheduled for 23 August - 3 September). It will review the draft that emerges from this meeting and highlight key points that ensure that it is "fit for purpose" to tackle the nature emergency by galvanising decisive action for nature at scale - commensurate with the challenge faced by the world. Such action is now imperative from local to global levels, from all countries and all sectors across all realms (land, freshwater and ocean) to secure the planet's life-supporting 'safety net'. Please come to this onsite event and make your views known. Speakers (Facilitators are listed on the official WCC event page.):

- Mr Carlos Manuel RODRIGUEZ, CEO and Chairperson, Global Environment Facility (GEF)
- Mr Marco LAMBERTINI, Director General, World Wide Fund for Nature International
- Ms Martha ROJAS URREGO, Secretary General, Ramsar Convention on Wetlands
- Dr Mechtild RÖSSLER, Director World Heritage Centre, UNESCO
- Dr Penelope Jane SMART, Global Director Biodiversity Conservation Group, IUCN
- Dr Bruno OBERLE, Director General, IUCN
- Ms Jyoti MATHUR-FILIPP, Director of the Implementation and Support Division, Secretariat of the Convention on Biological Diversity

Session: Scaling, not failing: Building on existing solutions for a healthy planet through PANORAMA

Time: 08:30 - 10:30 CEST / 02:30 - 04:30 EDT

Location: Online Only (Virtual Chanel 7)

Language: EN

Organised by: IUCN; GIZ

Description: Building on the wealth of existing local, national and regional solutions will be crucial for conserving biodiversity in the face of mounting pressures. PANORAMA - Solutions for a Healthy Planet (www.panorama.solutions) is a global initiative that identifies and celebrates existing examples of success stories from a wide range of contributors, identifying their key success factors in a structured format. PANORAMA covers topics ranging from agriculture and biodiversity, marine and coastal, ecosystem-based adaptation, protected area management to Business engagement in conservation, ultimately supporting the replication of these solutions. In this interactive session, participants will be exposed to a number of "flagship solutions" from PANORAMA, from different countries. In groups, they will explore the potential of these solutions to be applied more widely. Jointly with the PANORAMA team, they will commit to specific actions leading to uptake of solutions.

- Nicole FRANCESCHINI ICCROM
- John ZULU, National Heritage Conservation Commission of Zambia
- Dr Duc LE, Deputy Director, Center for Nature Conservation and Development (CCD), Viet Nam.
- Dr Mohanjeet BRAR, Managing Director, Gamewatchers & Porini Camps, Kenya

Session: From policy to implementation: Making EbA a reality in Guatemala

Time: 10:15 - 11:00 CEST / 04:15 - 05:00 EDT

Location: Onsite (H3 Nature-based Solutions and Ecosystem Restoration) and livestreamed

Language: ES

Organised by: IUCN Regional Office for Mexico, Central America and the Caribbean (ORMACC),

MARN, INAB and FCG

Description: This event will showcase how the Guatemalan Government, in alliance with IUCN and local NGOs, will successfully scale up EbA based on existing restoration opportunities mapping and investment both from international donors, national programmes and existing local capacities. 30-minutes panel followed by Q&A with key speakers from the Guatemalan government and civil society. The panel will be moderated by IUCN and involve IUCN members MARN, INAB and FCG.

Session: The Business of Climate Change Mitigation and Adaptation

Time: 11:00 - 12:30 CEST / 05:00 - 06:30 EDT Location: Online Only (Virtual Channel 2)

Language: EN

Organised by: Institute for Economy and the Environment, University of St. Gallen

Description: This session pulls together business leaders, multilateral financiers and youth activists to discuss different stakeholders' role in climate change adaptation and mitigation. Through interaction with the audience, we will reflect on the facilitators and barriers to achieving a zero emissions economy, and how companies are addressing this challenge.

Moderator: Prof. Rolf WUESTENHAGEN, Academic Director MaCS-HSG, University of St Gallen

Session: From ecosystem governance to ecosystem-based adaptation: what should I say?

Time: 16:00 - 18:00 CEST / 10:00 - 12:00 EDT Location: Online Only (Virtual Channel 5)

Language: EN

Organised by: Brock University / CEM; Swedish Biodiversity Centre

Description: Concepts like ecosystem governance and ecosystem-based adaptation are becoming very common for professionals working in conservation, ecosystem management and climate change adaptation. However, the terms used to describe these tools are quite complex and difficult to explain to the public. Since most projects using these concepts involve local communities, there is a need to efficiently and effectively communicate these terms and find approaches that can work for people. In this campus session different methods will be introduced, and participants will be able to practice them. The methods presented will vary from visuals such as drawing and mapping to storytelling or anecdotes as ways to introduce these concepts. Once comfortable with a method, participants will present on these concepts using a specific situation. Who will be the most convincing at explaining her or his issue?

- Speakers:
 - Dr Liette VASSEUR, Full Professor/ UNESCO Chair in Community Sustainability: from local to global, Brock University
 - Dr Emmanuelle COHEN-SHACHAM, Nature-based Solutions Thematic Group Lead, IUCN Commission on Ecosystem Management
 - Mr Mike JONES, Advisor, Centrum för biologisk mångfald
 - Mr Tomas ZUKLIN, Ecosystem governance researcher, University of Groningen



Sunday, 5 September 2021 18:00-19:30 Marseille | 12:00-13:30 DC











Session: Mangrove and Blue Carbon Conservation and Restoration - Successes in the Swamp

Time: 18:00 - 19:30 CEST / 12:00 - 13:30 EDT *Location*: Online Only (Virtual Channel 2)

Language: EN

Organised by: Global Mangrove Alliance (GMA) and the Blue Carbon Initiative

Description: Over the last decade, the importance of mangroves and associated blue carbon ecosystems for climate mitigation, adaptation, and protection for coastal communities and biodiversity has been well established. At the same time, these coastal wetlands are some of the most threatened ecosystems globally with rates of loss nearly 2% each year. By recognizing the diverse contributions of mangrove ecosystems, communities, governments, non-profits and others are finding new ways to start to reverse these trends and increase conservation and restoration of coastal wetlands. In this session we will highlight a range of conservation, restoration, and sustainable management approaches and successes from around the world including through carbon markets (Colombia, Kenya, Madagascar and Mexico) and national climate policy (Costa Rica, Fiji).

- Ms Emily GOODWIN, Programme Officer, Ecosystem-based Adaptation, IUCN
- Dr Emily PIDGEON, Vice President of Ocean Science and Innovation, CI
- Dr Dan FRIESS, National University of Singapore

Monday, 6 September 2021

Session: Scaling up – expanding action on the global crisis facing freshwater biodiversity

Time: 09:00 - 10:30 CEST / 03:00 - 04:30 EDT *Location*: Online Only (Virtual Channel 10)

Language: EN

Organised by: IUCN; Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB); Alliance

for Freshwater Life (AFL)

Description: Learn about freshwater conservation success stories, get inspired, and help us to scale-up these successes to match the scale of the ongoing freshwater biodiversity crisis.

The global crisis facing freshwater biodiversity requires a global effort. We will focus on developing solutions for conserving freshwater biodiversity at the global scale. The session is hosted by members of the Alliance for Freshwater Life (https://allianceforfreshwaterlife.org/) which aims to build a world where people better understand, value, and safeguard freshwater biodiversity. We will demonstrate that conservation works by sharing success stories presented by practitioners working on the ground, noting that despite these successes at the site or country scale freshwater biodiversity continues to decline at an alarming rate and scale globally. Building on the recommended actions from a linked session led by WWF we will lay out solutions, and describe and advance actions that need to be taken from site to global scale. An expert panel discussion will focus on ways to ramp up these actions to match the scale of this global challenge. *Speakers*:

- Dr Jean- Christophe VIÉ, Directeur Général, Fondation Franklinia
- Prof. Thomas LOVEJOY, University Professor, George Mason University
- Ms Erin LOURY, Communications Director/Fisheries Biologist, FISHBIO
- Prof. Klement TOCKNER, Director General, Senckenberg Society for Nature Research
- Mr Luciano ANDRIAMARO, Director of Science and Knowledge, Conservation International
- Dr Rajeev RAGHAVAN, Assistant Professor, Kerala University of Fisheries and Ocean Studies
- Prof. Michael T. MONAGHAN, Professor, Senior Scientist, Leibniz Institute of Freshwater Ecology and Inland Fisheries IGB
- Dr William DARWALL, Head, Freshwater Biodiversity Unit, IUCN
- Mr Ali Raza RIZVI, Programme Manager, Ecosystem-based Adaptation, IUCN

Session: Building islands resilience – best practices and innovations from around the world

Time: 09:00 - 10:30 CEST / 03:00 - 04:30 EDT Location: Onsite (H8 - 8 Pyrenées) and livestreamed

Language: EN

Organised by: Small Islands Organisation (SMILO) and Global Island Partnership (GLISPA)

Description: Islands are not only specifically vulnerable to climate change and its impacts, but they are also actively engaged in building their own resilience and contributing to the planet global conservation. This session will gather stakeholders involved in islands resilience and sustainable development. The objective is to highlight and share successful islands' solutions to strengthen their resilience to climate change. The session will address these issues thanks to a "Bright Spot Café" during which participants will identify islands bright spots and share good practices. The session will specifically emphasize the role of islands communities in finding innovative solutions. By promoting sustainable initiatives implemented by islands during the last Global Biodiversity Framework, this event will increase islands' visibility as active actors in fighting climate change. The session will also help identify islands' future challenges that should be included in the Post-2020 Global Biodiversity.

Speakers:

- Ms Kate BROWN, Executive Director, Global Island Partnership (GLISPA)
- Mr Fabrice BERNARD, Founder, Small Islands Organisation (SMILO)
- Maina SAGE, French Polynesia Deputy
- Dr Radhika MURTI, Director, Global Ecosystem Management Programme, IUCN
- Mathieu THEVENET, Technical Secretariat Coordinator, Initiative PIM
- Mrs Lucile COURTIAL, Coordinator, Beyond Plastic Med (BeMed)
- Sylvain PETIT, Executive Secretary, SMILO
- Dr Chipper WICHMAN, President, National Tropical Botanical Garden, Hawaii Delegation
- Erica Clarkson, Team Leader Early Years Policy, Scottish Government
- Eleanor PHILIPPS, Director Northern Caribbean Program, The Nature Conservancy

Session: Conservation Action Café - Climate Change

Time: 13:30 - 15:30 CEST / 07:30 - 09:30 EDT *Location*: Online Only (Virtual Channel 10)

Language: EN Organised by: IUCN

Description: This Conservation Action Cafe session will serve as a dialogue space as part of the IUCN consultation process that commenced in June 2021 on the use of Nature-based Solutions (NbS) for Carbon Offsetting. The outcomes of this event will contribute to the development of IUCN's positions on this matter

ahead of UNFCCC COP26.



Monday, 6 September 2021 14:00-15:30 Marseille | 08:00-09:30 DC



Session: <u>Ecosystems and Technology: Innovative Approaches to Strengthening Coastal and Ocean Adaptation</u> (Note: This is a free Virtual Side Event, register here.)

Time: 14:00 - 15:30 CEST / 08:00 - 09:30 EDT *Location*: Online Only (through FEBA Zoom platform)

Language: EN

Organised by: <u>IUCN</u>, the <u>Friends of Ecosystem-based Adaptation</u> (FEBA) network, and <u>UNFCCC Technology Executive Committee</u> (TEC), in collaboration with the UNFCCC <u>Nairobi Work Programme</u> (NWP) Expert Group on Oceans, are co-hosting a virtual side event alongside the IUCN <u>World Conservation Congress</u> (WCC).

Description: This session will be the first in a series of events exploring and promoting innovative approaches to scale up adaptation technologies to build resilience in ocean and coastal settings. The objective of the event will be to present and discuss state-of-the-art learning and examples from integrating joint approaches of both technology and ecosystem-based adaptation in various policies and programmes in order to build the resilience of oceans and coastal ecosystems and communities.

Speakers:

- Mr Ali Raza Rizvi, Programme Manager, Ecosystem-based Adaptation, IUCN
- Dr Stephen Minas, UNFCCC Technology Executive Committee (TEC) Chair
- Ms Emily Corwin, Director, Nature-based Engineering Solutions, Conservation International
- Mr Sylvester Wong, Vice President for Asia Pacific Cities, AECOM
- Mrs Patrycja Enet, EU MSP Expert North Sea focal point, EU MSP Platform

Session: Cooperation on Nature-based Solutions for Adaptation in the basins of lakes, rivers and aquifers

Time: 14:00 - 15:30 CEST / 08:00 - 09:30 EDT *Location*: Onsite (H8 - 7 Cévennes) and livestreamed

Language: EN, ES, FR

Organised by: International Network of Basin Organizations (INBO); The International Union for Conservation of Nature, West Asia Office (IUCN-ROWA)

Description: Climate change primarily affects water with unpredictable rainfall patterns, aquatic ecosystems degradation, altered river flows, sea level rise-induced salinization of coastal groundwater, more frequent and intense floods and droughts. Water-related disasters represent about 90% of all natural disasters. Ecosystem-based Adaptation addresses this issue with Nature-based Solutions (NbS). It uses biodiversity and ecosystem services to adapt to the adverse effects of climate change. As water flows and doesn't stop at borders, this approach should be implemented through cooperation at the transboundary scale of the basins. Through case studies from around the world, the audience will be invited to question conventional climate change solutions and the associated risks of maladaptation, to explore the range of "no-regret" Nature-based Solutions mobilized and the interest to carry out this approach across borders at the scale of the basins of lakes, rivers and aquifers.

Speakers:

- Ali HAYAJNEH, Programme Manager Water and Climate Change Programme, IUCN-ROWA
- Dr Marwan AL-RAGGAD, Executive Director, Inter-Islamic Network on Water Resources Development and Management, Jordan
- Dr Maha AL-ZU'BI, Researcher Agriculture Water Solutions, International Water Management Institute, Jordan
- Mrs Marie-Christine HUAU, Chief Officer in charge of Water & Climate Strategy Veolia Water Development, Veolia

Session: One Earth - One Health: how can we mitigate future pandemics?

Time: 14:00 - 15:30 CEST / 08:00 - 09:30 EDT

Location: Onsite (H9 - B 1 Auditorium – Mercantour) and livestreamed

Language: EN, FR, ES Organised by: IUCN

Description: The event will focus on the need for a 'One Health' approach, particularly at a national level in response to the emergence of Covid-19. Experts will present the drivers behind emerging infectious diseases, and their impacts upon human health and the environment and wildlife. A moderated expert panel will then discuss priority solutions at a national level in line with a 'One Health' approach that are needed in order to prevent and mitigate the impacts from future pandemics. Finally, the role IUCN's One Programme can play in supporting the implementation of these priority actions at a national level will be identified. Opportunities for new actions and partnerships will be identified.

- Dr William KARESH, Executive Vice President for Health and Policy, EcoHealth Alliance
- Dr Chadia WANNOUS, Regional One Health Officer for Africa, World Organization for Animal Health (OIE)
- Dr David NABARRO, Strategic Director, 4SD
- Mrs Ingrid-Gabriela HOVEN, Managing Director, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- Mr Jean- Yves LE DRIAN, Ministre de l'Europe et des Affaires étrangères, France
- Prof. Jon Paul RODRIGUEZ, Chair, IUCN Species Survival Commission
- Dr Radhika MURTI, Director, Global Ecosystem Management Programme, IUCN

Session: Increasing Coastal Resilience: West African communities step up to the challenge

Time: 16:00 - 17:30 CEST / 10:00 - 11:30 EDT *Location*: Online Only (Virtual Channel 4)

Organised by: West Africa Biodiversity and Climate Change (WA BiCC); IUCN Regional Office for

West and Central Africa (PACO)

Description: Coastal communities and ecosystems will be increasingly exposed to more extreme weather events, rising temperatures and sea levels. These conditions will negatively impact infrastructure, water quality and natural resources such as fisheries, wildlife, and mangroves, further increasing ecological, economic and human vulnerability. The West Africa Biodiversity and Climate Change (WA BiCC) program, funded by USAID, and its local, national, and regional partners are identifying and promoting effective ecosystem-based adaptation strategies to address the threats while ensuring ecosystem sustainability and human well-being. In this session, WA BiCC will share emerging lessons from its work in two coastal landscapes in West Africa to increase the resilience of coastal communities to climate change while addressing policy and capacity strengthening opportunities.

Session: Kiwa Initiative High Level Session

Time: 16:00 - 17:00 CEST / 10:00 - 11:00 EDT Location: Onsite Only (H3 Oceania-Hawai'i Pavilion)

Language: EN Organised by: ORO

Description: The purpose of this high-level Kiwa Initiative session is to provide a strategic overview of the Kiwa Initiative Project in the Oceania region and hear perspectives from the donors, countries/beneficiaries

and the AFD Secretariat.



Monday, 6 September | 20:00-21:30 Marseille Online: Virtual Channel 1







Session: Raising global ambition on climate change and biodiversity through nature-based solutions

Time: 20:00 - 21:30 CEST / 14:00 - 15:30 EDT *Location*: Online Only (Virtual Channel 1)

Language: EN

Organised by: IUCN; UNEP

Description: The session will offer a state-of-the-art account of (i) how nature-based solutions can combat climate change and biodiversity loss, (ii) to what extent governments have incorporated these within their global climate commitments (including both Nationally Determined Contributions and National Adaptation Plans), and (iii) launch new Guidelines on how countries can accelerate the integration of NbS into their climate adaptation and mitigation plans to raise global ambition via a whole-of-society approach.

The session will have 4 parts:

- i. A keynote presentation that provides the latest knowledge on the contribution of nature-based solutions in combating climate change, disaster risk and biodiversity loss
- ii. Expert-led case studies of how countries have included different dimensions of nature-based solutions within their global commitments including both Nationally Determined Contributions and National Adaptation Plans- under the Paris Agreement
- iii. Panel discussion on how global ambition can be raised further, both through the enhanced incorporation of nature-based solutions within global climate commitments, in the post-2020 global biodiversity framework, and through the efforts of other non-state actors
- iv. Official launch of the *Guidelines for Integrating Ecosystem-based Adaptation into National Adaptation Plans* as a pathway for accelerating global ambition in NbS in climate commitments

- Mr Sandeep SENGUPTA, Coordinator, Global Policy, IUCN
- Ms Lis Mullin BERNHARDT, Programme Officer, Climate Change Adaptation, UNEP
- Rosa MORALES, General Director of Climate Change, Ministry of Environment, Government of Peru
- Joshua WYCLIFFE, Permanent Secretary, Ministry of Waterways and Environment, Government of Fiji
- Oliver WITHERS, Biodiversity Lead, Credit Suisse
- Ms Lisa Schindler MURRAY, Senior Manager, Policy and Partnerships, Rare
- Julie GREENWALT, Go Green for Climate / NAP Global Network
- Ms Rojina MANANDHAR or Ms Fatema RAJABALII, UNFCCC Nairobi Work Programme
- Mr Ali Raza RIZVI, Programme Manager, Ecosystem-based Adaptation, IUCN

Tuesday, 7 September 2021















Session: Accelerating Nature-based Solutions for Adaptation to Climate Change

Time: 11:00 - 12:30 CEST / 05:00 - 06:30 EDT *Location*: Online Only (Virtual Channel 4)

Language: EN

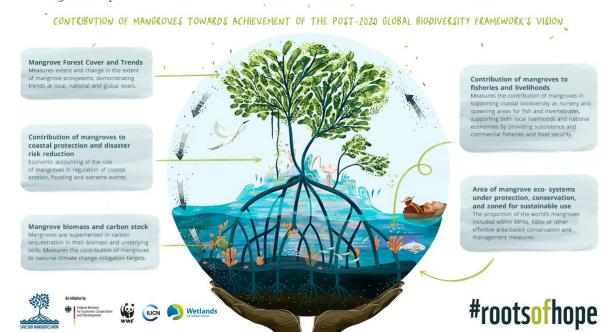
Organised by: The session is jointly organized by the Global Center on Adaptation, the International Institute for Sustainable Development (IISD), the International Institute for Environment and Development (IIED), OroVerde - Tropical Forest Foundation, IUCN and UNEP-WCMC.

Description: Nature-based Solutions (NbS) for adaptation are receiving growing attention for their potential to reduce people's vulnerability to a range of climate change impacts and provide significant co-benefits for biodiversity and people. However, project implementation has revealed that successful NbS has yet to reach its full potential, as approaches often remain piecemeal and small-scale and are not mainstreamed into policy and practice.

This session will focus on showcasing current success stories from the ground and tools used in planning and implementing nature-based solutions for adaptation while also critically exploring what is needed to scale up the implementation of NbS to adapt to climate change. Further, the session will share the results of a global systematic review of evidence for the socio-economic and ecological effectiveness of NbS for climate change adaptation.

- Mrs Xiaoting HOU-JONES, Senior researcher (Biodiversity), Natural Resources, IIED
- Sarshen SCORGIE, Director- Climate and Strategy Adviser, Conservation South Africa
- Mr Ali Raza RIZVI, Programme Manager, Ecosystem-based Adaptation, IUCN
- Dr Valerie KAPOS, Head of Programme, Climate Change & Biodiversity, UN Environment Programme World Conservation Monitoring Centre (UNEP-WCMC)
- Mauricio SANTAMARIA, Project Manager, Tropical Forest Foundation, Oroverde
- Liesbeth CASIER, Senior Policy Advisor, IISD

Tuesday, 7 September 2021 (continued)



Session: #Roots of Hope: Launch of the Guiding Principles on Sustainable Mangrove Ecosystem Management

Time: 15:15 - 16:15 CEST / 09:15 - 10:15 EDT

Location: Onsite (H3 Ocean and Islands) and livestreamed

Language: EN

Organised by: Save our Mangroves Now! Initiative – IUCN; WWF; Wetlands International; BMZ Description: In this vital year, all eyes will be on the ability of the policy makers to deliver real change. Mangroves hold unmatched benefits for people, the planet and resilience and should be part of the solution. Join us to learn how the mangroves are our #RootsOfHope and the launch of the Guiding Principles on Sustainable Mangrove Ecosystem Management.

Moderator: Ms Dorothee HERR, Manager, Oceans and Climate Change, IUCN

Wednesday, 8 September 2021

Session: 2nd Sitting of the Members' Assembly – Strategic Discussion: The influences of biodiversity loss and climate change on public health

Time of the 2nd Sitting of the Members' Assembly: 08:30 - 12:30 CEST / 02:30 - 06:30 EDT

Time of the Strategic Discussion: The influences of biodiversity loss and climate change on public

health: 10:00-11:30 CEST / 04:00 - 05:30 EDT

Location: Onsite (H1 Plenary - Calanques) and livestreamed

Language: EN
Organised by: IUCN

Description: There is increasing evidence that climate change and the biodiversity crisis are inextricably interlinked (Diaz et al., 2019) and together they present significant challenges to human health, livelihoods and well-being (UNEP, 2021). The increasing frequency and intensity of extreme climate events, such as heat waves, droughts or flooding, impact on food production and water security and leave communities more vulnerable to disease and natural disasters. Land degradation, habitat loss and fragmentation are linked to loss of traditional medicines and the spread of zoonoses. The current COVID-19 pandemic highlights the need for improved environmental management, better land and water management and the need for coordinated actions across multiple sectors (IPBES, 2020).

Biodiversity and healthy natural ecosystems, supported by protected areas in and around cities, can provide ecosystem benefits and services that support human health and help communities to cope with climate change. The risk of floods can be reduced, air pollutants filtered, and supply of clean drinking water made more reliable. Ecosystem services can help to reduce the incidence of infectious diseases and respiratory disorders. Furthermore, access to nature offers many other direct health benefits, including opportunities for physical activity, reduction of developmental disorders and improved mental health. These benefits become increasingly important in a world facing increasing climate change and urbanisation. Economic valuations have found that nature provides billions of dollars in cost savings for health services.

The growing recognition of the importance of biodiversity's contribution to human health offers great potential for maximizing synergies between public health, climate change adaptation and nature conservation. Partnerships between conservationists, planners, health authorities and others are critical to maximize these synergies to advance human health policy, practices and systems. They offer an unprecedented opportunity to value and conserve nature, to work across sectors to achieve environmental objectives in the face of climate change and biodiversity loss, and contribute to furthering goals that are essential to human health and well-being. IUCN, with its diverse membership and Commission networks, is well placed to promote a stronger Nature-Health agenda emphasising the linkages between healthy ecosystems and heathy people, as part of nature-based recovery strategies to address climate change, biodiversity loss and land degradation.

- Mr Stewart MAGINNIS, Global Director, Nature-based Solutions Group, IUCN
- Prime Minister of Fiji H.E. Josaia Vorege BAINIMARAMA
- Dr Tedros Adhanom GHEBREYESUS, Director General, World Health Organization (WHO)
- Dr William KARESH, Executive Vice President for Health and Policy, EcoHealth Alliance
- Mrs Julia MIRANDA LONDOÑO, Deputy Chair, IUCN WCPA
- Ms Hindou OUMAROU IBRAHIM, Coordinator, Peul Indigenous Women and Peoples Association of Chad (AFPAT)
- Dr Maria NEIRA, Director, Department of Public Health and Environment, WHO
- Dr Hans-Otto PÖRTNER, Co-Chair, IPCC Working Group II (WG II)
- Ms Elizabeth MARUMA MREMA, Executive Secretary, Convention on Biological Diversity (CBD)
- Dr Bruno OBERLE, Director General, IUCN

Other items of interest

E-poster: <u>Taking Climate Action through Increasing Mangrove Cover: The State of the World's Mangroves</u>

Location: Available for viewing throughout Congress on the designated website

Language: EN

Organised by: Global Mangrove Alliance (GMA)

Description: Mangrove forests are critical ecosystems, for biodiversity, climate and for humanity. Vast areas have been lost, but things are changing. As we begin to realize their full value—as carbon stores, fish factories, coastal defences and more—ever-greater efforts are being made to protect what remains, and to start programs of restoration. The State of the World's Mangroves, by the Global Mangrove Alliance, provides the very latest information on what we know about mangroves and what's being done to support these magnificent habitats. In 2018, Conservation International (CI), IUCN, The Nature Conservancy (TNC), Wetlands International, and World Wildlife Fund (WWF) formed the Global Mangrove Alliance. This partnership now includes over 25-member organizations who share the aim of scaling up the recovery of mangroves through equitable and effective expansion of both mangrove protection and the restoration of former mangrove areas.

E-poster: Simple solutions for difficult places: ecosystem-based adaptation in mountains

Location: Available for viewing throughout Congress on the designated website

Language: EN

Organised by: IUCN Global Ecosystem Management Programme (GEMP)

Description: Mountain areas and the ecosystems services they provide are highly vulnerable to the impacts of climate change; however, they also play a crucial role in increasing the resilience of communities and nature. Drawing from on-the-ground experience in ecosystem-based adaptation in mountain areas, this poster provides a summary of lessons and best practices to scale up mountain EbA.

E-poster: Nature-based Solutions at the heart of climate change adaptation in the Western Balkans

Location: Available for viewing throughout Congress on the designated website

Language: EN

Organised by: IUCN ECARO and IUCN ELC

Description: The Western Balkans are highly vulnerable to climate change impacts affecting a high number of sectors and domains. As flood risks, droughts and forest fires are predicted to increase, Nature-based Solutions (NbS) offer cost-effective, no-regret climate change adaptation options that contribute positively to livelihoods, while providing biodiversity benefits. This Speaker Pitch (e-poster) session presents results of a Sida-funded IUCN regional initiative with a focus on policy and piloting of NbS for climate change adaptation and disaster risk reduction. The e-poster is organised jointly by the IUCN Regional Office for Eastern Europe and Central Asia and the IUCN Environmental Law Centre.

Prepared by:

- Mihaela DRAGAN-LEBOVICS, IUCN ECARO
- Vesna BJEDOV, IUCN ECARO
- Kristin MEYER, IUCN ELC

E-poster: Planning Ecosystem-based Adaptation (EbA) using a 'Living Sponge' metaphor

Location: Available for viewing throughout Congress on the designated website

Language: EN

Organised by: International Rainwater Harvesting Alliance (IRHA)

Description: This e-poster reports on the monitoring of the social (information) and physical (water) sponges in International Rainwater Harvesting Alliance (IRHA) pilot EbA projects. A living sponge metaphor guides IRHA's two, pilot EbA projects: a catchment-scale water retention project (Nepal) and an agroforestry project (Senegal). These projects draw on our two decades of integrated sustainable development experience. The fifty-six Blue Schools IRHA has constructed since 2002 harvest rainwater to improve children's learning environments. Blue School projects give us experience in consulting with community-based NGOs to address local school children's vulnerabilities, a skill addressed by EbA Quality Standards 1.2, 4.2, 5.1, and 5.3. These NGOs co-organize committees to ensure our Blue School facilities' sustainable governance (EbA quality standard 5.4). Valorising and maintaining these facilities requires social learning, which is key to EbA projects' long-term success. This e-poster shares our 'living sponge' social learning model.

E-poster: Nature Based Solutions, "The Last Mile of Climate Finance" with 'Mangrove Moonshot'

Location: Available for viewing throughout Congress on the designated website

Language: EN

Organised by: Earthbanc

Description: Nature Based Solutions, "The Last Mile of Climate Finance" to reverse global warming with the 'Mangrove Moonshot'. Tom pitches an 'Earthbanc' for ecosystem services where deposits and withdrawals in global marketplaces, create investments in ecosystem services and their local custodians. He will explain how to make it easy for any organisation and person to become Earth Positive through supporting ecosystems. We will explore Nature Based Solutions and how to achieve "The Last Mile of Climate Finance" with digital wallet payments for ecosystem services, reversing global warming with the 'Mangrove Moonshot' that aims to plant 200 billion mangroves globally. Moving to regenerative economy, requires us to incorporating Nature Based Solutions advocated by IUCN, into agriculture as a top priority, due to agriculture and aquaculture being the primary driver of land use climate change in inland and coastal ecosystems.

E-poster: Mangrove restoration, an example in the Red River delta

Location: Available for viewing throughout Congress on the designated website

Language: EN

Organised by: Institut Méditerranéen de Biodiversité et d'Ecologie; Hanoi National University of

Education

Description: This e-poster will be an opportunity to give a voice to Vietnamese researchers who will be able to share their experience in the restoration and sustainable management of mangroves in a highly anthropized delta system.

E-poster: Green Climate Fund financing of nature-based solutions in developing countries

Location: Available for viewing throughout Congress on the designated website

Language: EN

Organised by: Green Climate Fund (GCF)

Description: In this e-poster, a representative of the Green Climate Fund will present the modalities for accessing climate financing in the area of nature-based solutions that mitigate climate change, promote ecosystem-based adaptation and make both ecosystems and communities more resilient to climate change. The presenter will be supported by a representative from an IUCN project that has received GCF Financing to provide hands-on information and experience of dealing with GCF.

E-poster: From highlands to drylands: upscaling EbA investments through GCF-IUCN partnership

Location: Available for viewing throughout Congress on the designated website

Language: EN, ES

Organised by: Instituto Nacional de Bosques, Guatemala; Ministerio de Ambiente y Recursos Naturales de Guatemala; IUCN Regional Office for Eastern and Southern Africa (ESARO); IUCN ORMACC; Ministry of Agriculture, Livestock and Alimentation, Guatemala; National Treasury, Kenya; Ministry of Agriculture, Livestock, Fisheries and Co-operatives, Kenya

Description: What do Guatemala and Kenya have in common when tackling climate change? Two regions, one common approach: when it comes to climate change adaptation, Governments and communities realize nature is the best ally and ecosystem-based adaptation is bringing key players to work on local solutions and investments for the most vulnerable. High-level speakers of Kenyan and Guatemalan government institutions will pitch the transformational investment opportunities provided by GCF and IUCN to embed EbA into planning at all levels and scale up local solutions designed for and by local communities to achieve greater climate resilience in a variety of landscapes. It will be followed by Q&A.

<u>Virtual Island Summit</u> (World Island Networks & Organisations Conference)

Dates: Monday, 6 September – Sunday, 12 September 2021, parallel to WCC

Location: Online Only

Organised by: Global Island Partnership (GLISPA) and Small Islands Organisation (SMILO)

Description: The World Island Networks & Organisations Conference, hosted by GLISPA and SMILO, will provide an opportunity for sharing knowledge for resilient, sustainable and prosperous islands worldwide.

- Free access to world-class experts. The Summit will be a free event to attend in order to ensure maximum accessibility to expertise from a variety of fields.
- A zero-carbon conference. The Summit will use modern technology to maximize opportunities for participation and minimize harmful greenhouse gas emissions.
- Interactive sessions in various formats. The Summit will imitate a traditional in-person event with
 opportunities to interact with speakers and other attendees with the goal of creating an online
 community.
- The SDGs and beyond. The Summit will cover all 17 of the United Nations Sustainable Development Goals in addition to other topics pertinent to island communities.
- A diverse range of viewpoints. Speakers and attendees from 100+ island communities including the Arctic, Caribbean, Europe, Indian Ocean, Pacific Islands, South America and beyond...
- Cross-sector collaboration. The Summit will emphasize the need for input and partnerships from across the private, public, academic and NGO sectors.

Motions of interest

<u>Motion</u>	Code	Motion title
<u>Number</u>		
003	Congress	[Establishing a Climate Change Commission] [Establishing an Inter-Commissional Cross-Sectoral Task Force on the Climate Crisis] [Establishing an IUCN Climate Task Force]
004	WCC-2020-Res-003-EN	Transforming global food systems through sustainable land management that is aligned to the UN SDGs
007	WCC-2020-Res-006-EN	Declaration of priority for the conservation of tropical dry forests in South America
008	WCC-2020-Res-007-EN	Developing agroecological practices as nature-based solutions
009	WCC-2020-Res-008-EN	Protecting rivers and their associated ecosystems as corridors in a changing climate
015	WCC-2020-Res-013-EN	Supporting the Lower Mekong Basin countries with the transboundary management of water resources, ecosystems and biodiversity
016	WCC-2020-Res-014-EN	The importance of a cross-border approach to prioritise biodiversity conservation, adaptation to climate change and risk management in the Río de la Plata Basin
017	WCC-2020-Res-015-EN	Cooperation on transboundary fresh waters to ensure ecosystem conservation, climate resilience and sustainable development
018	WCC-2020-Res-016-EN	Conservation of spring ecosystems in the Mediterranean region
031	WCC-2020-Res-027-EN	Seascapes working for biodiversity conservation
034	Congress	[Climate Change and Biodiversity Crisis] [Promoting integrated solutions to the climate change and biodiversity crises]
035	WCC-2020-Res-030-EN	Enhancing the resilience of coastal areas in the face of climate change, biodiversity crisis and rapid coastal development
036	WCC-2020-Res-031-EN	The implementation of nature-based solutions in the Mediterranean Basin
037	WCC-2020-Res-032-EN	Ocean impacts of climate change
038	WCC-2020-Res-033-EN	Promoting biodiversity preservation through environmentally friendly energy transformation measures
042	WCC-2020-Res-035-EN	Promoting IUCN leadership in the implementation of the UN Decade on Restoration 2021–2030
054	WCC-2020-Res-044-EN	Climate crisis legal toolkit

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Motion	Code	Motion title
<u>Number</u>		
056	WCC-2020-Res-046-EN	Creation of the Ombudsperson for Future Generations
063	WCC-2020-Rec-052-EN	Dams in the Alto Paraguay River Basin, the Pantanal and the Paraguay-Paraná Wetland System
073	WCC-2020-Res-060-EN	Promotion of the IUCN Global Standard for Nature-based Solutions
079	WCC-2020-Res-065-EN	Enhancing knowledge of natural resource conservation and alternative sustainable energy models through
		faith-based organisation networks
081	WCC-2020-Res-067-EN	Call for Nature in Cities agendas and Strengthening the IUCN Urban Alliance
093	WCC-2020-Res-078-EN	Conservation, restoration and sustainable management of mangrove ecosystems
099	WCC-2020-Res-084-EN	Global response to protected area downgrading, downsizing and degazettement (PADDD)
100	WCC-2020-Res-085-EN	Rewilding
111	WCC-2020-Res-095-EN	Conservation of seahorses, pipefishes and seadragons (family Syngnathidae)
112	WCC-2020-Res-096-EN	Maximising return on conservation investments and sustainable development: eradicating invasive alien
		species (IAS) to conserve island biodiversity and benefit society
122	WCC-2020-Res-105-EN	Conserving and protecting coral reefs through the post-2020 global biodiversity framework
127	WCC-2020-Res-108-EN	Deforestation and agricultural commodity supply chains

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