

4th Science Forum



TITLE	<i>Towards living in harmony with nature by 2050: A Science-Policy Dialogue</i>
Date	23-24 November 2018
Venue	Sharm El-Sheikh, Egypt Venue open for COP delegates (Room Luxor – Asia and the Pacific Room, Building 1)
# of participants	Estimated: 120
Organizers	The International Union of Biological Sciences, The European Commission, with support from EKLIPSE, the EU science-policy interface mechanism on biodiversity and ecosystem services, The Inter-American Institute for Global Change Research, The Secretariat of the Convention on Biological Diversity.
Objectives	This science-policy dialogue will bring together and engage scientists and policy makers to discuss how science can inform the post-2020 global biodiversity framework. The discussions will particularly focus on what scientists could offer to the preparation of the post-2020 agenda. They reflect on concepts for transition, on the role of scenarios and pathways, as well as on scale and scope of actions towards the 2050 vision. They will also aim at framing the post-2020 targets, including on restoration and nature-based solutions as tools to reach biodiversity targets. The Forum will include panel-audience discussions and work in break-out groups, providing a platform for the participants to share knowledge, experiences and solutions and to showcase success stories, good practices and lessons learned.
Key questions	What is necessary to achieve the 2050 vision? What are the options and how can we ensure action? How can post-2020 targets be set? How to operationalize transitions and transformational change for biodiversity and human wellbeing? How can nature-based solutions open new pathways for nature, people and the economy across different sectors? How to engage wider parts of the society?
Outputs:	The Forum is expected to support discussions at the fourteenth meeting of the Conference of the Parties and its outputs will contribute to the further global process on developing the post-2020 global biodiversity framework.
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Session	Session title	Speakers and Panellists
23/11/2018. Day 1: <i>A framework for transition.</i> <i>Which framing for the target setting for the post-2020 framework?</i>		
9:00 <i>Opening</i>	<i>Opening address</i>	Cristiana Paşca Palmer, CBD Executive Secretary. Hiroyuki Takeda, IUBS President. Humberto Delgado Rosa, European Commission. Anne Larigauderie, IPBES Executive Secretary. Moderation: Marcos Regis da Silva, IAI Executive Director.
9:25 <i>Introduction</i>	<i>Aims and outputs of this dialogue</i>	What are the expectations from the CBD secretariat for this dialogue? Which process will benefit from this dialogue? Which outcomes would be useful? Lessons from the 2010 and 2020 policies on biodiversity and the need for a new vision, as well as what scenarios to 2050 can tell us. What are the options? What is necessary? How to make it happen? How to ensure action? The presentation will draw the path from Sharm el-Sheikh to Beijing. Speaker: David Cooper, Alexander Shestakov (tbc)
9:35 <i>Session 1 (panel & audience discussion)</i>	<i>Concepts for transition</i>	Setting the ground for broader understanding of transitions and the need for social-ecological transformations with views from key scientists. Bending the curve – how to come to the 2050 vision and new targets for the post-2020 agenda. What is the role that research should take? How to cope with uncertainty when designing and implementing urgent measures? How can NBS support the 2050 vision, and allow us to achieve biodiversity and development goals in a more coherent manner? What should our expectations and priorities be? Speaker: Josef Settele. Panel: Josef Settele, Mark Zimsky, Mundita Lim, Bernadette Fischler, Hesiquio Benitez
11:15 <i>Session 2 (panel & audience discussion)</i>	<i>From the current to the future status of biodiversity</i>	What is the current state of biodiversity? How can we promote the role of integrated assessments and scenarios/models for policy making in the post-2020 process? What can research advance on devising and adapting the pathways? How to bring this into the post-2020 biodiversity discussion? Speaker: Henrique Miguel Pereira, Marcel Kok. Panel: Henrique Miguel Pereira; Marcel Kok; Eiji Tanaka; Bernardo Strassburg
13:00	lunch	
14:00 <i>Session 3 (work in groups)</i>	<i>Unfolding the 2050 biodiversity vision</i>	Starting from the CBD 2050 vision for biodiversity, how can we translate it into tangible terms regarding science, policy and society in regional and global levels? And after “painting the picture” of the future vision, what are the short and long-term actions that we need to undertake to reach it? Inputs from the speakers will provide an introduction for a participatory back-casting exercise, the results of which will provide input for session 4. Speaker: Bernardo Strassburg
16:20 <i>Session 4 (work in groups)</i>	<i>Target setting for the post-2020 framework</i>	Translating the necessary actions to reach the 2050 biodiversity vision into target areas for the post-2020 framework: How can science help to make progress in the quantification and attribution/allocation of the targets? How can measurable indicators and actions allow us assessing progress towards these targets (and the 2050 vision)? This session looks closer at key areas for target setting: a. Land (protection, retention, restoration) b. Oceans c. Species d. Direct drivers e. Indirect drivers. Speaker: James Watson. Panel: James Watson, Neville Ash, Carolyn Lundquist, Günter Mitlacher, Roby Biwer.
18:30 <i>Wrap-up</i>	<i>Conclusions from day 1</i>	EKLIPSE, IUBS, IAI, EC.

Session	Session title	Speakers and Panellists
24/11/2018. Day 2: <i>Increasing solutions for restoration (scaling-up nature-based solutions). Which transitions for transformational change? Implementation</i>		
9:00 <i>Opening</i>	<i>Information on the programme</i>	Information from relevant sessions of parallel events (Summit of Local and Subnational Governments, Nature and Culture Summit, Sustainable Ocean Day) Speakers: Ingrid Coetzee, Joe Appiott, Ana Maria Hernandez
9:30 <i>Session 5 (panel & audience discussion)</i>	<i>Scaling up: Nature-based solutions for restoration agenda and beyond</i>	This session informs on needs for research and policy setting on restoration to be taken further for giving multiple benefits beyond climate change mitigation, adaptation and biodiversity conservation and restoration. Can such nature-based solutions help achieving across the Sustainable Development Goals? Which challenges, opportunities and unresolved issues exist? Speaker: Judy Fisher, Harriet Bulkeley. Panel: Judy Fisher, Harriet Bulkeley, Frédéric Lemaitre, Karin Zaunberger, Luc Bas
11:10 <i>Session 6 (panel & audience discussion)</i>	<i>Increasing resilient solutions for restoration</i>	Understanding the need for restoration and using nature-based solutions, including in urban settings, to reach biodiversity targets, on the example of Africa. Which are the recommendations of science for policy makers? What is the role that research should take? How to bring this into the post-2020 biodiversity discussion? What are the options? What can be done? Speaker: Marwa Halmy, Hamdallah Zedan Panel: Judy Fisher, Omar Defeo, Hamdallah Zedan, Eric Wikramanayake, Jesca Osuna Eriyo
12:30	lunch	
13:30 <i>Session 7 (work in groups)</i>	<i>Uptake of actions towards the 2050 vision</i>	Understanding the frame in which the targets are set in the post-2020 agenda to prepare for the development of the post-2020 global biodiversity targets. Building on the results of the back-casting exercise of day 1 (sessions 3 and 4), participants will work towards connecting post-2020 targets with the Sustainable Development Goals and discussing challenges and opportunities in that context. Speaker: Jerry Harrison, Axel Paulsch
15:00 <i>Session 8 (panel & audience discussion)</i>	<i>Engaging Society, Science and Policy in transformative change</i>	Discussion on the needs from science in implementing social-ecological transitions. Where should future research focus on? How to engage various stakeholders? What are priorities for research and policy to advance transitions regarding social-ecological systems, biodiversity and benefits from nature? Speaker: Thomas Elmqvist. Panel: Thomas Elmqvist, Katia Karousakis, Dicky Simorangkir, Thomas Brooks, Daniel Vincente Ortega.
16.30 <i>Synthesis</i>	<i>Wrap-up and next steps</i>	Meeting conclusions and recommendations suggested for the post-2020 process: EKLIPSE, IUBS, EC, IAI, CBD secretariat. Ana Maria Hernandez, Consortium of Scientific Partners on Biodiversity. Andreas Schei, NEA (organising the Trondheim Conference)
18:00 <i>Closing panel</i>		Sameh H. Soror, Egypt, Academy of Scientific Research and Technology COP presidencies (Moustafa Fouda, Egyptian Presidency; Xu Jing (tbc), Chinese Presidency)
18:30		End of Science Forum

Participants need to register in beforehand on <https://europa.eu/!tu73Ug>.

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