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|  | | **Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services** | | | | | Distr.: General  14 March 2019  English only | |

Plenary of the Intergovernmental Science-Policy

Platform on Biodiversity and Ecosystem Services

Seventh session

Paris, 29 April–4 May 2019

Item 5 of the provisional agenda[[1]](#footnote-2)\*

Report of the Executive Secretary on the implementation   
of the first work programme for the period 2014–2018

Information on the assessment of the sustainable use of wild species, the assessment of invasive alien species and the assessment regarding the diverse conceptualization of multiple values of nature and its benefits

Note by the secretariat

In its decision IPBES-6/1, the Plenary of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) approved the undertaking of a methodological assessment regarding the diverse conceptualization of multiple values of nature and its benefits, including biodiversity and ecosystem functions and services as outlined in the scoping report set out in annex VI to decision IPBES-4/1, following the sixth session of the Plenary; a thematic assessment of the sustainable use of wild species as outlined in the scoping report set out in annex IV to decision IPBES-5/1, following the sixth session of the Plenary; and a thematic assessment of invasive alien species as outlined in the scoping report set out in annex II to decision IPBES-4/1, following the seventh session of the Plenary. The annex to the present note, which is presented without formal editing, provides information on the progress made in these assessments, including details on their timeline and the process for the selection of experts.

Annex

I. Composition of the expert groups performing the assessments

A. Dedicated Multidisciplinary Expert Panel and Bureau members

1. Members of the Multidisciplinary Expert Panel and Bureau ensure that the assessments are prepared in accordance with the procedures for the preparation of Platform deliverables[[2]](#footnote-3) and other applicable decisions of the Plenary. For each assessment, a management committee is established, consisting of the co-chairs of the assessment, several members of the Multidisciplinary Expert Panel and Bureau, and representatives of the responsible technical support unit and the secretariat in Bonn. The management committee assists the Multidisciplinary Expert Panel, the Bureau and the secretariat in exercising their respective roles in overseeing the assessment processes.

B. Selection of experts for the assessment on values

1. A call for the nomination of experts (EM/2018/06/Rev.1) for the assessment was issued on 23 April 2018 inviting nominations by 11 June 2018. Co-chairs, coordinating lead authors and lead authors were selected for the assessment regarding the diverse conceptualization of multiple values of nature and its benefits, including biodiversity and ecosystem functions and services (thereafter referred to as the assessment on values), in accordance with the procedures for the preparation of Platform deliverables set out in annex I to decision IPBES-3/3. The selection of review editors will be finalised in the second quarter of 2019.
2. A total of 197 nominations was received for this assessment. The Multidisciplinary Expert Panel, in consultation with the Bureau, reviewed the nominations during their eleventh meetings held in June 2018 and completed a pre-selection of experts based on candidates’ expertise with respect to the deliverable as reflected in the nomination forms and curricula vitae of the nominees. Once selected based on merit, further selection considerations focused on balancing disciplinary, regional and gender diversity. The final selection of experts was made during the management committee meeting of the assessment in July 2018. Out of the 197 nominated experts, a total of 58 were selected as experts of the assessment, including 4 co-chairs.
3. The management committee also identified gaps in the availability of experts with regard to geographic balance and disciplinary balance in the nominations received and suggested to fill the gaps in accordance with the procedure for filling gaps in the availability of experts set out in annex I to decision IPBES-4/3. 17 experts were identified by the co-chairs of the assessment and members of the Multidisciplinary Expert Panel and the Bureau, and subsequently nominated by the respective Governments or organizations. With these experts, the full list of authors amounts to a total of 75 experts, with 48% of the experts being male and 52% female, 22% nominated by organizations and 78% by Governments. Three additional nominations using the procedure for filling gaps are currently being finalised.
4. In line with decision IPBES-6/1, in which the Plenary requested the task force on   
   capacity-building to continue implementing the capacity-building rolling plan, which includes the IPBES fellowship programme, the Executive Secretary launched a call for nominations for the assessment of diverse values and valuation of nature (EM/2018/08 of 30 April 2018). As a result, a total of 114 nominations were received and 15 fellows selected by the management committee of the assessment. Each fellow will contribute to one of the chapters of the assessment.
5. The composition of the expert group is presented in appendix I.

**C. Selection of experts for the assessment of the sustainable use of wild species**

1. A call for the nomination of experts (EM/2018/06/Rev.1) for the assessment was issued on 23 April 2018 inviting nominations by 11 June 2018. Co-chairs, coordinating lead authors and lead authors were selected for the assessment of the sustainable use of wild species in accordance with the procedures for the preparation of Platform deliverables set out in annex I to decision IPBES-3/3 and the procedure for filling gaps in the availability of experts set out in annex I to decision IPBES-4/3. The selection of review editors will be finalised in the second quarter of 2019.
2. A total of 141 nominations was received for this assessment. The Multidisciplinary Expert Panel, in consultation with the Bureau, reviewed the nominations during their eleventh meetings held in June 2018 and completed a pre-selection of experts based on candidates’ expertise with respect to the deliverable as reflected in the nomination forms and curricula vitae of the nominees. Out of the 141 nominated experts, a total of 31 were selected as experts of the assessment, including 3 co-chairs.
3. The management committee also identified gaps in the availability of experts with regard to geographic and disciplinary balances in the nominations received and suggested to fill the gaps in accordance with the procedure for filling gaps in the availability of experts set out in annex I to decision IPBES-4/3. 16 experts were identified by the co-chairs of the assessment and members of the Multidisciplinary Expert Panel and the Bureau, and subsequently nominated by the respective Governments or organizations. Nomination for an additional set of 30 experts is currently being finalised using the gap filling procedure. Once these nominations are finalized, the full list of 77 experts would have the following characteristics: 55 % male, 45 % female, 8 % nominated by organizations and 92 % by Governments.
4. In line with decision IPBES-6/1, in which the Plenary requested the task force on   
   capacity-building to continue implementing the capacity-building rolling plan, which includes the IPBES fellowship programme, the Executive Secretary launched a call for nominations for fellows for the assessment (EM/2018/08 of 30 April 2018). As a result, a total of 90 nominations were received, and 10 selected. Each fellow will contribute to one of the chapters of the assessment.
5. The composition of the expert group is presented in appendix II.

**D. Selection of experts for the assessment of invasive alien species**

1. A call for the nomination of experts (EM/2018/22) for the IPBES thematic assessment of invasive alien species was issued on 1 October 2018 inviting nominations by 1 February 2019. A total of 215 nominations was received. The Multidisciplinary Expert Panel, in consultation with the Bureau, have initiated their review of these nominations, which will be continued in the margins of the seventh session of the Plenary and at the first meeting of the assessment management committee, before endorsement by the MEP, in consultation with the Bureau.
2. In line with decision IPBES-6/1, in which the Plenary requested the task force on capacity-building to continue implementing the capacity-building rolling plan, which includes the IPBES fellowship programme, the Executive Secretary launched a call for the nomination of fellows (EM/2018/30) for the assessment of invasive alien species on 13 December 2018 inviting nominations by 1 March 2019.

**E. The technical support units**

1. In decision IPBES-6/1, the Plenary requested the secretariat, in consultation with the Bureau and in accordance with the approved budget set out in the annex to the decision IPBES-6/4, to establish the institutional arrangements necessary to operationalize the technical support required for the work programme. Following an open call for expressions of interest in hosting the technical support units for these assessments the following institutions were selected by the Bureau of IPBES and the relevant institutional arrangements made:
   1. For the assessment on values and valuation of nature: the National Autonomous University of Mexico (UNAM), Mexico;
   2. For the assessment of the sustainable use of wild species: French Foundation for Biodiversity (FRB), France, jointly with French Agency for Biodiversity (AFB);
   3. For the assessment of invasive alien species: the Institute for Global Environmental Strategies (IGES), Japan.
2. The role of each technical support unit is to provide scientific, technical and organizational support toward the delivery of the assessment. In addition, the technical support units liaise with other IPBES task forces and other experts groups, as necessary, and support work towards other deliverables in order to ensure that cross-cutting issues are properly addressed.
3. Additional information on institutional arrangements is provided in IPBES/7/INF/5.

**II. Progress towards preparation of the assessment on values**

A. Management committee meetings

1. The first meeting of the management committee of the assessment was held in Frankfurt, Germany, from 2 to 5 July 2018. The meeting was held to plan for the first author meeting, to prepare an annotated chapter outline, and to finalize the selection of experts for the assessment.

B. First author meeting

1. The first author meeting for the assessment was held in Mexico City, from 12 to 16 November 2018. The meeting was organized by the technical support unit of the assessment with support from the IPBES secretariat in Bonn. A total of 83 participants attended this meeting including members of the Multidisciplinary Expert Panel and Bureau, the co-chairs of the assessment as well as coordinating lead authors, lead authors, fellows, representatives of other IPBES task forces and expert groups.
2. In preparation for the first author meeting, virtual conferences were held with the co-chairs, coordinating lead authors and lead authors of the assessment to allow the team to get to know each other, get acquainted with IPBES work and processes, and familiarize themselves with the scoping report of the assessment. Additionally, the technical support unit prepared a welcoming package for the authors of the assessment regarding the IPBES assessment process.
3. During the first author meeting, experts produced an advanced zero order draft of the assessment, consisting of a detailed scope for each chapter, agreed responsibilities of each author, and a detailed timeline of activities towards the production of the assessment. Authors also identified key overarching topics for the assessment and defined a working strategy to ensure coherence and quality across the assessment. Other items presented to the experts during this meeting included information on: (i) the assessment process, (ii) the conceptual background, including the IPBES conceptual framework, the preliminary guide on values and the policy support web portal, (iii) confidentiality issues, and (iv) the approach to addressing unresponsive authors.
4. Authors also formed liaison groups to address overarching topics such as: (i) indigenous and local knowledge, (ii) decision-making typologies, and (iii) regional balance. Authors also identified other overarching topics relevant to the assessment, such as: (i) policy support tools, (ii) themes running across chapters, and (iii) uptake of completed assessments.

**C. Preparation of the zero order draft**

1. Following the first author meeting, experts held virtual meetings within and across chapters to further develop the zero order draft of the assessment, which was completed on 15 February 2019, and reviewed internally. Experts, following that internal review, started to develop the first order draft of the chapters for the first external review by experts, planned for July to September 2019.
2. In order to recognize and work with indigenous and local knowledge in the assessment, a liaison group on indigenous and local knowledge was formed from within the expert group for the assessment. This liaison group developed a set of key questions relevant to the assessment which will assist assessment experts in addressing indigenous and local knowledge across the chapters of the assessment. The task force on indigenous and local knowledge plans to organize dialogue workshops, the first of which will be held in March 2019, where these scoping questions will be revisited.

D. Preparation of the second author meeting

1. The second author meeting for the assessment is planned to be held over a period of 5 days between 20 October and 1 November 2019 at a location to be determined. At the meeting, the experts will address the comments received during the review period and commence the development of key messages and chapter executive summaries, among other matters.

E. Support to the integration of values in other IPBES deliverables

1. To support the integration of diverse conceptualizations of values in other IPBES deliverables, and for the assessment of the sustainable use of wild species, in particular, the expert team and technical support unit on values developed a strategy that involves the following elements:
   1. Ensuring communication between co-chairs of the assessment of diverse values and valuation of nature and the assessment of the sustainable use of wild species;
   2. Providing direct technical support to chapter 2 of the assessment of the sustainable use of wild species;
   3. Organizing regular virtual meetings with authors of the assessment of the sustainable use of wild species;
   4. Providing comments through the internal and external review process of the assessment of the sustainable use of wild species;
   5. Offering the contribution of authors of the assessment of diverse values and valuation of nature as contributing authors to the assessment of the sustainable use of wild species.

F. Timeline and next steps

1. An updated annotated timeline for the assessment is set out in appendix III.

III. Progress towards preparation of the assessment of the sustainable use of wild species

A. Management committee meetings

1. The first meeting of the management committee of the assessment was held in Paris from 17 to 19 September 2018. The meeting was held to plan for the first author meeting, including preparation of an annotated chapter outline, and to finalize the selection of experts. The management committee met also during the first author meeting in December 2018 in Montpellier to discuss the outcome of the first author meeting, identify next steps and continue the identification of experts to fill gaps in expertise, and remotely afterwards to finalize the identification of experts to fill gaps in expertise.

B. First author meeting

1. The first author meeting was held in Montpellier from 3 to 7 December 2018. It was organised by the technical support unit for the assessment with support from the IPBES secretariat in Bonn, the French Agency for Biodiversity and the Mediterranean Centre for Environment and Biodiversity Laboratory of Excellence. About 60 participants attended the meeting, including members of the Multidisciplinary Expert Panel and Bureau, the co-chairs of the assessment, as well as coordinating lead authors, lead authors, fellows, and representatives of other IPBES task forces and expert groups. At the meeting, authors produced a first version of the zero order draft, consisting of a detailed scope for each chapter, and agreed on responsibilities of each author, and detailed timeline of activities towards the production of the assessment report.
2. In preparation for the first author meeting, five virtual conferences were held.
3. The first author meetings also served as an opportunity for discussions and information exchange between the regional experts and various task forces and experts groups, including: (i) knowledge and data, (ii) indigenous and local knowledge, and (iii) capacity-building. The first author meeting received information and/or discussed the following items:
   1. Organization, overall objectives and functions of IPBES;
   2. IPBES clients and end-users;
   3. The IPBES conceptual framework, key messages, and work programme and procedures;
   4. The team: co-chairs, coordinating lead authors, lead authors, fellows, contributing authors, and review editors;
   5. The assessment timeline;
   6. Confidentiality, method to select literature, resources, and treatment of uncertainty;
   7. Support provided by the expert groups on scenarios and models, valuation, and policy support tools.

**C. Preparation of the zero order draft**

1. Following the first author meeting during which the chapter outlines were further specified, experts prepared a zero order draft of the assessment by end of January 2019, which they reviewed internally. Following this internal review, experts started to work on the first order drafts of the chapters for the first external review by experts, tentatively scheduled between July and September 2019.
2. In order to recognize and work with indigenous and local knowledge in the assessment, the task force on indigenous and local knowledge plans a dialogue workshop on indigenous and local knowledge, scheduled for May 2019 at UNESCO in Paris. The primary focus of the meeting is to facilitate dialogue among indigenous and local knowledge holders and experts, as described in IPBES/7/INF/8.
3. Exchanges among the co-chairs and the technical support units of the assessment of the sustainable use of wild species and the assessment on values have been taking place on a regular basis since the launch of the assessments, in order to harmonize and align relevant processes.

**D. Preparation of the second author meeting**

1. The second author meeting for the assessment is planned for 18-22 November 2019 at a location to be determined. At the meeting, the experts will address the comments received during the review period and commence the development of key messages and chapter executive summaries, among other matters.

**E. Existing and ongoing work by other entities**

1. In decision IPBES-6/1, the Plenary requested the Executive Secretary to convene a workshop to consult, based on the scoping report of the assessment of the sustainable use of wild species, with the multilateral environmental agreements, United Nations partners and other relevant international entities with respect to ongoing work on sustainable use in those fora. The workshop proceedings would include information on ongoing work on sustainable use of wild species and serve as an input to the assessment process, informing in particular the work of the Multidisciplinary Expert Panel, the Bureau and the assessment experts in relation to the assessment.
2. The ninth meeting of the Collaborative Partnership on Sustainable Wildlife Management, held on 14 and 15 June 2018 in Rome, provided an opportunity for exchange of views with relevant international entities and the partnership as an important initiative in this field. This opportunity allowed the IPBES secretariat to undertake discussions in a cost-effective manner, as the Plenary of IPBES had not dedicated financial resources to the organization of a workshop. The IPBES secretariat also invited written inputs to a compilation of existing and ongoing work relevant to the assessment in June and October 2018,
3. A summary of the discussions, as well as a compilation of information on ongoing work related to sustainable use provided by the members of the Collaborative Partnership on Sustainable Wildlife Management as well as relevant entities not represented within the partnership, were prepared by the IPBES secretariat and shared with the expert group. Several of these entities also sent input on their expectations and information needs related to the IPBES assessment of the sustainable use of wild species. The document was presented to the experts during the first author meeting and made available to them as a resource.
4. One of the co-chairs of the assessment, John Donaldson, presented the assessment during the second Wildlife Forum organized in the margins of the fourteenth session of the Conference of the Parties to the Convention on Biological Diversity on 21 November 2018 in Sharm El-Sheikh, Egypt.

F. Timeline and next steps

1. An updated annotated timeline for the assessment of the sustainable use of wild species is set out in appendix IV.

IV. Progress towards preparation of the assessment of invasive alien species

A. Management committee meeting

1. A management committee will be established for the assessment of invasive alien species, consisting of the co-chairs of the assessment, several members of the Multidisciplinary Expert Panel and Bureau, and representatives of the responsible technical support unit and the IPBES secretariat in Bonn. An initial face-to-face meeting of the management committee is tentatively planned for May 2019 in Japan. The meeting will be held in order to:
   1. Finalize the selection of coordinating lead authors and lead authors and, if time allows, of review editors, and fellows;
   2. Familiarize the members of the management committee with the relevant procedures, guidance material, schedule and the scoping report of the assessment;
   3. Start developing an annotated outline of each chapter of the assessment;
   4. Discuss the potential need for liaison groups, from among assessment experts, to coordinate with other ongoing assessments or with other IPBES expert groups and task forces; and
   5. Plan for the first author meeting.

**B. First author meeting**

1. The first author meeting is planned to be held in Japan from 19 to 23 August 2019. Its objectives include:
   1. Further development of the annotated outline of the assessment;
   2. Identification of contributing authors;
   3. Identification, from among the members of the assessment expert group, of liaison group members if liaison groups are to be established;
   4. Identification of knowledge and data needs of the assessment;
   5. Identification of case studies for possible inclusion in the assessment report;
   6. Understanding of roles, responsibilities and timelines related to the assessment; and
   7. Discussion on engagement with other IPBES expert groups and task forces, as appropriate.

C. Timeline and next steps

1. A first comprehensive draft of the overall timeline for the assessment of invasive alien species has been developed by the technical support unit for the assessment and is contained in appendix V. The overall timeline will be finalized by the management committee of the assessment during their first meeting.

Appendix I

List of experts for the assessment on values

Abbreviations: CLA (Coordinating Lead Author), LA (Lead Author).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Role* | *First Name* | *Last Name* | *Affiliation* | *Nominating Country / Organisation* |
| *Chapter 1: Introducing the Values Assessment* | | | | |
| Co-chair / CLA | Patricia | Balvanera | Ecosystems and Sustainability Research Institute, National Autonomous University of Mexico | Mexico |
| Co-chair / CLA | Brigitte | Baptiste Ballera | Alexander von Humboldt Institute for Research on Biological Resources | Colombia |
| Co-chair / CLA | Mike | Christie | Aberystwyth University | United Kingdom of Great Britain and Northern Ireland |
| Co-chair / CLA | Unai | Pascual | Ikerbasque (Basque Foundation for Science), Basque Centre for Climate Change | Switzerland |
| Fellow | Bosco | Lliso | Basque Centre for Climate Change | Spain |
| Fellow | Ana | Monroy | Ecosystems and Sustainability Research Institute, National Autonomous University of Mexico | Mexico |

| *Chapter 2: Conceptualizing the diverse values of nature and their contributions to people* | | | | |
| --- | --- | --- | --- | --- |
| CLA | Christopher | Anderson | National Scientific and Technical Research Council | Argentina |
| CLA | Christopher | Raymond | Helsinki Institute of Sustainability Science, Faculty of Biological and Environmental Sciences and Faculty of Agriculture and Forestry, University of Helsinki | Sweden |
| CLA | Arild | Vatn | Norwegian University of Life Sciences, Department of Economics and Social Sciences, and Center for International Climate Research | Norway |
| LA | Paola | Arias Arévalo | University of Valle | Colombia |
| LA | Stanley | Asah | University of Washington | Convention on Biological Diversity (CBD) |
| LA | Rachelle | Gould | University of Vermont | United States of America |
| LA | Julius | Kapembwa | The University of Zambia | Zambia |
| LA | Barbara | Muraca | Oregon State University | United States of America |
| LA | Rika | Preiser | Centre for Complex Systems in Transition, Stellenbosch University | South Africa |
| LA | Sonya | Sadcheva | U.S. Forest Service | United States of America |
| LA | Aibek | Samakov | Tübingen University | Aigine Cultural Research Center |
| LA | Eglee | Zent | Anthropology Center, Venezuelan Institute for Scientific Research, Altos de Pipe, Venezuela | Venezuela |
| LA | Jasper | Kenter | University of York | United Kingdom of Great Britain and Northern Ireland |
| Fellow | Ariane | Amin | Felix Houphouët-Boigny University, Swiss Centre for Scientific Research in Côte d’Ivoire | Côte d'Ivoire |
| Fellow | Dominic | Lenzi | Mercator Research Institute on Global Commons and Climate Change | Australia |
| Fellow | Ranjini | Murali | The Snow Leopard Trust and The Nature Conservation Foundation | The Nature Conservation Foundation and The Snow Leopard Trust |

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| *Chapter 3: Assessment of Valuation Methods* | | | | |
| CLA | Benis Nchine | Egoh | University of KuaZulu-Natal | South Africa and Society for Conservation Biology (SCB) |
| CLA | Sander | Jacobs | Research Institute for Nature and Forest | Belgium |
| CLA | Mette | Termansen | University of Copenhagen | Denmark |
| LA | SoEun | Ahn | Korea Environment Institute | Republic of Korea |
| LA | Antonio | Castro | University of Almeria | Spain |
| LA | Andy | Choi | National Institute of Ecology, Republic of Korea | Republic of Korea |
| LA | Nicolas | Dendoncker | University of Namur; Institute of Life-Earth-Environment; Transition Institute. | Belgium |
| LA | Houda | Ghazi | Research Group on Impacts Vulnerability and Adaptation to Climate Change in Morocco, Department of Biology, Faculty of Sciences Semlalia, Marrakesh, Morocco | German Agency for International Cooperation |
| LA | Asia | Mohamed | University of Khartoum, Institute of Environmental Studies | Sudan |
| LA | Nibedita | Mukherjee | University of Exeter | University of Exeter |
| LA | Gabriel Ricardo | Nemogá | Department of Indigenous Studies, University of Winnipeg | Colombia |
| LA | Jonas | Ngouhouo Poufoun | National Institute for Agronomic Research, Centre for International Forestry Research | Cameroon |
| LA | Ignacio | Palomo | Basque Centre for Climate Change | Spain |
| LA | Ram | Pandit | University of Western Australia | Nepal |
| LA | Marije | Schaafsma | University of Southampton | Netherlands |
| LA | Haripriya | Gundimeda | Indian Institute of Technology Bombay | India, Future Earth |
| Fellow | Anna | Filyushkina | Swedish University of Agricultural Sciences | Sweden |
| Fellow | Marcello | Hernández | Independent | Costa Rica |

| *Chapter 4: Values and decision making* | | | | |
| --- | --- | --- | --- | --- |
| CLA | David | Barton | Department of Landscape Ecology, Oslo | Norway |
| CLA | Rebecca | Chaplin-Kramer | Stanford University | United States of America |
| CLA | Meine | van Noordwijk | Agroforestry, Wageningen University, Consultive Group for International Agricultural Research | World Agroforestry Centre |
| CLA | Elena | Lazos Chavero | Institute for Social Research, National Autonomous University of Mexico. | Mexico |
| LA | Roldan | Muradian | Faculty of Economics, Fluminense Federal University | Brazil |
| LA | Liliana | Bravo-Monroy | British Ecological Society (BES), member of the Review College, | Colombia |
| LA | Stefanie | Engel | University of Osnabrueck | Germany |
| LA | Thomas | Hahn | Stockholm Resilience Centre | Sweden |
| LA | Koichi | Kuriyama | Kyoto University | Japan |
| LA | Beria | Leimona | World Agroforestry Centre | United Nations University Institute for the Advanced Study of Sustainability |
| LA | Ernest Lytia | Molua | Faculty of Agriculture and Veterinary Medicine, University of Buea | Centre for Independent Development Research University of Buea Cameroon |
| LA | Aidin | Niamir | Senckenberg Biodiversity and Climate Research Institute | Senckenberg Biodiversity and Climate Research Institute |
| LA | Begüm | Ozkaynak | Department of Economics, Boğaziçi University | Turkey |
| LA | Agnes | Pawlowska-Mainville | University of Northern British Columbia, Canada | University of Northern British Columbia |
| LA | Paula | Ungar | Alexander von Humboldt Institute for Research on Biological Resources | Colombia |
| LA | Sharad | Lele | Centre for Environment & Development, Ashoka Trust for Research in Ecology and the Environment, Bangalore | India |
| Fellow | Pricila | Iranah | Colorado State University | The Mauritius Herbarium |
| Fellow | Cem Iskender | Aydin | Sabanci University, Istanbul Policy Center | Turkey |
| Fellow | Sara | Nelson | University of British Columbia Department of Geography | Canada |

| *Chapter 5: Incorporating multiple values of nature and nature’s contributions to people for just and sustainable futures* | | | | |
| --- | --- | --- | --- | --- |
| CLA | Ritesh | Kumar | Wetlands International South Asia | India |
| CLA | Adrian | Martin | University of East Anglia | United Kingdom of Great Britain and Northern Ireland |
| CLA | Patrick | OFarrell | Council for Scientific and Industrial Research | South Africa |
| LA | Uta | Eser | Office for Environmental Ethics | Germany |
| LA | Daniel | Faith | bioGENESIS | Australia |
| LA | Erik | Gomez-Baggethun | Norwegian University of Life Sciences | Norway |
| LA | Zuzana | Harmackova | Stockholm Resilience Centre | Czech Republic |
| LA | Andra-Ioana | Horcea-Milcu | Leuphana University, Lueneburg | Romania |
| LA | Juliana | Merçon | Educational Research Institute, University of Veracruz, Mexico | Brazil |
| LA | Martin | Quaas | Leipzig University and German Centre for Integrative Biodiversity Research | Germany |
| LA | Julian | Rode | Helmholtz-Centre for Environmental Research, Germany | Germany |
| LA | Ricardo | Rozzi | Institute of Ecology and Biodiversity, Chile | Chile |
| LA | Nadia | Sitas | Council for Scientific and Industrial Research | South Africa |
| LA | Bernardo | Strassburg | Pontifical Catholic University of Rio de Janeiro | Brazil |
| LA | Romaric | Vihotogbé | National University of Agriculture, Republic of Benin | Benin |
| LA | Yuki | Yoshida | Asian Natural Environmental Science Center, University of Tokyo | Japan |
| Fellow | Ann-Kathrin | Koessler | Institute for Environmental Systems Science and School of Business Administration and Economics, University of Osnabrück | University of Osnabruck |
| Fellow | Lelani | Mannetti | Urban Resilience to Extremes Sustainability Research Network | Georgia State University |
| Fellow | Natalia | Lutti Hummel | Getúlio Vargas Foundation | Brazil |

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| *Chapter 6: Operationalisation and capacity development for the incorporation of multiple values into policy and  decision- making* | | | | |
| CLA | Suneetha | Subramanian | United Nations University - Institute for the Advanced Study of Sustainability | United Nations University Institute for the Advanced Study of Sustainability |
| CLA | Jeanne | Nel | Nelson Mandela University | South Africa |
| LA | Mine | Islar | Lund University Centre for Sustainability Studies | Turkey |
| LA | Eszter | Kelemen | University of Budapest | Hungary |
| LA | Marina | Kosmus | German Agency for International Cooperation | Argentina |
| LA | Aroha | Mead | International Union for Conservation of Nature, Commission on Environmental, Economic and Social Policy | New Zealand, New Zealand Biological Heritage National Science Challenge |
| LA | Luciana | Porter-Bolland | Institute of Ecology, A.C. | Mexico |
| LA | Anna | Varga | Centre for Ecological Research | Hungary |
| Fellow | Evonne | Yiu | United Nations University | United Nations University Institute for the Advanced Study of Sustainability |
| Fellow | Sacha | Amaruzaman | Centre for Global Food and Resources - University of Adelaide | Indonesia, World Agroforestry Centre |

Appendix II

List of experts for the thematic assessment of the sustainable use of wild species

Abbreviations: CLA (Coordinating Lead Author), LA (Lead Author), RE (Review Editor).

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| --- | --- | --- | --- |
| *Role* | *Name* | *Affiliation* | *Nominating Country/Organisation* |
| Co-chair | John Donaldson | South African National Biodiversity Institute, South Africa | South Africa |
| Co-chair | Marla Emery | U.S. Department of Agriculture, Forest Service, United States of America | United States of America |
| Co-chair | Jean-Marc Fromentin | Research Institute for the Exploitation of the Sea, France | France |

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| --- | --- | --- | --- |
| *Chapter 1: Setting the scene* | | | |
| CLA/ Co-chair | John Donaldson | South African National Biodiversity Institute, South Africa | South Africa |
| CLA/ Co-chair | Marla Emery | U.S. Department of Agriculture, Forest Service, United States of America | United States of America |
| CLA/ Co-chair | Jean-Marc Fromentin | Research Institute for the Exploitation of the Sea, France | France |
| LA | Takanori Oishi | Tokyo University of Foreign Studies, Japan | Japan |
| Fellow | Hakon Stokland | Norwegian University of Science and Technology, Norway | Norwegian University of Science and Technology |

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| --- | --- | --- | --- |
| *Chapter 2: Conceptualizing the sustainable use of wild species* | | | |
| CLA | Edson Gandiwa | Chinhoyi University of Technology, Zimbabwe | Zimbabwe |
| LA | Takuya Furukawa | Forestry and Forest Products Research Institute, Japan | Japan |
| LA | Jake Rice | Fisheries and Oceans Canada | Canada |
| Fellow | Vukan Lavadinovic | University of Belgrade, Serbia | University of Belgrade |

| *Chapter 3: Status of and trends in the use of wild species and its implications for wild species, the environment and people* | | | |
| --- | --- | --- | --- |
| CLA | Ram Prasad Chaudhary |  | Nepal |
| CLA | Renato Silvano | The Federal University of Rio Grande do Sul, Brazil | Brazil |
| LA | Esther Katz | National Research Institute for Sustainable Development / National Museum of Natural History, France | France |
| LA | Hicham Masski | National Institute for Fisheries Research, Morocco | Morocco |
| LA | Rodrigo Medellin | National Autonomous University of Mexico, Mexico | Mexico |
| LA | Prateep Nayak | University of Waterloo, Canada | Canada |
| LA | Helder Queiroz | Mamirauá Institute of Sustainable Development, Brazil | Brazilian Platform on Biodiversity and Ecosystem Services |
| LA | Anna Sidorovitch | National Academy of Sciences of Belarus | Scientific and Practical Center for Bioresources of National Academy of Sciences of Belarus |
| LA | Yan Zeng | Chinese Academy of Sciences | China |
| Fellow | Laura Isabel Mesa Castellanos | University of the Llanos, Colombia | Alexander von Humboldt Biological Resources Research Institute |
| Fellow | Penelope Mograbi | Rhodes University, South Africa | Global Change Institute |

| *Chapter 4: Drivers of the sustainable use of wild species* | | | |
| --- | --- | --- | --- |
| CLA | Ganesan Balachander |  | India |
| CLA | Marwa Halmy | Alexandria University, Egypt | Egypt |
| CLA | Brenda Parlee | University of Alberta, Canada | Canada |
| LA | Wisdom Apkalu | United Nations University World Institute for Development Economics Research | Ghana |
| LA | Mark Auliya | Zoological Research Museum Alexander Koenig Bonn, Germany | Germany |
| LA | Buuveibaatar Bayarbaatar | Wildlife Conservation Society | Mongolia |
| LA | Duan Biggs | Griffith University, Australia | South Africa |
| LA | Andres Cisneros | University of British Columbia, Canada | Mexico |
| LA | Marie-Christine Cormier-Salem | National Research Institute for Sustainable Development, France | France |
| LA | Rajarshi Dasgupta | Institute for Global Environmental Strategies, Japan | India |
| LA | Aisha Elfaki |  | Sudan |
| LA | Lisa Hiwasaki | International Development Research Centre, Canada | Japan |
| LA | Gabriela Lichtenstein | National Research Council, Argentina | Argentina |
| LA | Uttam Babu Shrestha | University of Southern Queensland, Australia | Nepal |
| LA | Morten Tryland | University of Tromso, Arctic University of Norway | Norway |
| RE | Sara Hernandez Perez |  | Colombia |
| Fellow | Murali Chatakonda | Amity University, India | Amity University |
| Fellow | Shiva Devkota | Swiss Federal Institute for Forest, Snow and Landscape Research, Switzerland | Swiss Federal Institute for Forest, Snow and Landscape Research |

| *Chapter 5: Future scenarios of the sustainable use of wild species* | | | |
| --- | --- | --- | --- |
| CLA | Christo Fabricius | WWF | WWF |
| LA | Sosten Chiotha | African Institute for Development Policy, Malawi | Malawi |
| LA | Yoshitaka Ota | University of Washington, United States of America | Japan |
| LA | Anne Tolvanen | Natural Resources Institute Finland | Natural Resources Institute Finland |
| RE | Emma Archer | University of Pretoria, South Africa | South Africa |
| Fellow | Temitope Israel Borokini | University of Nevada, United States of America | Society for Conservation Biology |
| Fellow | Denise Margaret Matias | German Development Institute, Germany | Non-Timber Forest Products Exchange Programme |

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| *Chapter 6: Policy options and responses* | | | |
| CLA | Christina Hicks | Lancaster University, United Kingdom of Great Britain and Ireland | United Kingdom of Great Britain and Ireland |
| CLA | Mi Sun Park | Seoul National University, Republic of Korea | Republic of Korea |
| LA | Ernest Cooper |  | Canada |
| LA | Shalini Dhyani | Council of Scientific & Industrial Research, National Environmental Engineering Research Institute, India | IUCN Commission on Ecosystem Management |
| LA | Sophie Avila Foucat | National Autonomous University of Mexico, Mexico | Mexico |
| LA | Liliana Gutierrez-Mariscal | NOS-Noroeste Sustentable, Mexico | Mexico |
| LA | Paola Mosig Reidl | Commission for the Knowledge and Use of Biodiversity, Mexico | Mexico |
| LA | Kristina Raab | Helmholtz-Centre for Environmental Research – UFZ, Germany | Helmholtz Center for Environmental Research - UFZ |
| LA | Rachel Wynberg | University of Cape Town, South Africa | South Africa |
| RE | Juana Marino |  | Colombia |
| Fellow | Camila Alvez Islas | University of Campinas, Colombia | University of Campinas |
| Fellow | Zina Skandrani |  | France |

Appendix III

Timeline for the assessment of diverse values and valuation of nature

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| *Date* | *Actions and institutional arrangements* |
| **2018** | |
| March | Approval by Plenary, at its sixth session, of the conduct of the assessment of diverse values and valuation of nature. |
| April | Request for nominations of experts from Governments and other stakeholders. |
| June | Selection by the Multidisciplinary Expert Panel of assessment co-chairs, coordinating lead authors and lead authors, in accordance with the process set out in annex I to decision IPBES‑3/3. |
| July | Meeting of the management committee of the assessment. |
| November | First author meeting (Mexico City). Preparation of the zero order draft of the assessment chapters. |
| **2019** | |
| First quarter | Completion of the zero order draft of the assessment chapters. Internal review of the zero order draft. |
| March-July | Preparation of the first order draft of the assessment chapters. |
| Third quarter | First external review: Review by experts of the first order draft of the assessment chapters. |
| October | Second author meeting. Preparation of second order draft of the assessment chapters and first order draft of summary for policymakers. |
| **2020** |  |
| First/second quarter | Continuation of preparation of second order draft of chapters and first order draft of summary for policymakers. |
| Second quarter | Workshop to advance the development of the summary for policymakers. |
| Third quarter | Second external review: Review by Governments and experts of the second order draft of the assessment chapters and of the first draft of the summary for policymakers. |
| Consultation with national focal points. |
| Fourth quarter | Third author meeting. |
| Meeting to further develop the summary for policymakers, back-to-back with the third author meeting. |
| **2021** | |
| The timeline will depend on the date for the ninth session of the Plenary | Preparation of final drafts of the chapters and of the summary for policymakers. |
| The final draft of the summary for policymakers is sent to Governments for final review prior to the ninth session of the Plenary. |
| Presentation to the Plenary for approval of the summary for policymakers and for acceptance of the chapters of the assessment at the ninth session of the IPBES Plenary. |
| Final laid-out versions of report chapters and summary for policymakers, outreach and communication. |

Appendix IV

Timeline for the thematic assessment of the sustainable use of wild species

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| *Date* | *Actions and institutional arrangements* |
| **2018** | |
| March | Approval by Plenary, at its sixth session, of the conduct of the assessment of the sustainable use of wild species. |
| April | Request for nominations of experts from Governments and other stakeholders. |
| June | Selection by the Multidisciplinary Expert Panel of the assessment co-chairs, coordinating lead authors and lead authors, in accordance with the process set out in annex I to decision IPBES‑3/3. |
| September | Meeting of the management committee of the assessment. |
| December | First author meeting (Montpellier, France). Preparation of the zero order draft of the assessment chapters. |
| **2019** | |
| First quarter | Completion of the zero order draft of the assessment chapters. Internal review of the zero order draft. |
| March-July | Preparation of the first order draft of the assessment chapters. |
| Third quarter | First external review: Review by experts of the first order draft of the assessment chapters. |
| November | Second author meeting. Preparation of second order draft of the assessment chapters and first order draft of summary for policymakers. |
| **2020** |  |
| First/second quarter | Continuation of preparation of second order draft of chapters and first order draft of summary for policymakers. |
| Second quarter | Workshop to advance the development of the summary for policymakers. |
| Third quarter | Second external review: Review by Governments and experts of the second order draft of the assessment chapters and the first order draft of the summary for policymakers. |
| Consultation with national focal points. |
| Fourth quarter | Third author meeting. |
| Meeting to further develop the summary for policymakers, back-to-back with the third author meeting. |
| **2021** | |
| The timeline will depend on the date for the ninth session of the Plenary | Preparation of final drafts of the chapters and of the summary for policymakers. |
| The final draft of the summary for policymakers is sent to Governments for final review prior to the ninth session of the Plenary. |
| Presentation to the Plenary for approval of the summary for policymakers and for acceptance of the chapters of the assessment at the ninth session of the IPBES Plenary. |
| Final laid-out versions of report chapters and summary for policymakers, outreach and communication. |

Appendix V

Timeline for the assessment of invasive alien species

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| --- | --- |
| *Date* | *Actions and institutional arrangements* |
| **2018** | |
| First quarter | Approval by Plenary, at its sixth session, to conduct a thematic assessment of invasive alien species following its seventh session. |
| Third quarter | Request for nominations of experts from Governments and other stakeholders. |
| **2019** | |
| First quarter/Second quarter | Selection, by the Multidisciplinary Expert Panel, of the assessment co-chairs, coordinating lead authors and lead authors, in accordance with the process set out in annex I to decision IPBES‑3/3. |
| Second quarter | Meeting of the management committee of the assessment. |
| Third quarter | First author meeting, 19 – 23 August 2019. Preparation of the zero order draft of the assessment chapters. |
| Fourth quarter | Completion of the zero order draft of the assessment chapters. Internal review of the zero order draft. |
| **2020** |  |
| First quarter | Preparation of the first order draft of the assessment chapters. |
| Second quarter | First external review: Review by experts of the first order draft of the assessment chapters. |
| Third quarter | Second author meeting. Preparation of second order draft of the assessment chapters and first order draft of summary for policymakers. |
| Fourth quarter | Continuation of preparation of second order draft of chapters and first order draft of summary for policymakers. |
| Workshop to advance the development of the summary for policymakers. |
| **2021** | |
| First quarter/Second quarter | Second external review: Review by Governments and experts of the second order draft of the assessment chapters and the first order draft of the summary for policymakers. |
| Second quarter/Third quarter | Third author meeting. |
| Meeting to further develop the summary for policymakers, back-to-back with the third author meeting. |
| Fourth quarter | Preparation of final drafts of the chapters and of the summary for policymakers. |
| **2022** | |
| The timeline will depend on the date for the tenth session of the Plenary | The final draft of the summary for policymakers is sent to Governments for final review prior to the tenth session of the Plenary. |
| Presentation to the Plenary for approval of the summary for policymakers and for acceptance of the chapters of the assessment at the tenth session of the IPBES Plenary. |
| Final laid-out versions of report chapters and summary for policymakers, outreach and communication. |

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1. \* IPBES/7/1/Rev.1. [↑](#footnote-ref-2)
2. Decision IPBES-3/3, annex I. [↑](#footnote-ref-3)