



**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*

**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.

* IPBES/7/1/Rev.1.

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 deliverables¹ 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

2. 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.

3. 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.

4. 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.

5. 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.

6. 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

7. 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.

¹ Decision IPBES-3/3, annex I.

8. 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.

9. 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.

10. 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.

11. The composition of the expert group is presented in appendix II.

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

12. 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.

13. 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

14. 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:

(a) For the assessment on values and valuation of nature: the National Autonomous University of Mexico (UNAM), Mexico;

(b) For the assessment of the sustainable use of wild species: French Foundation for Biodiversity (FRB), France, jointly with French Agency for Biodiversity (AFB);

(c) For the assessment of invasive alien species: the Institute for Global Environmental Strategies (IGES), Japan.

15. 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.

16. 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

17. 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

18. 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.

19. 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.

20. 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.

21. 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

22. 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.

23. 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

24. 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

25. 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:

(a) 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;

- (b) Providing direct technical support to chapter 2 of the assessment of the sustainable use of wild species;
- (c) Organizing regular virtual meetings with authors of the assessment of the sustainable use of wild species;
- (d) Providing comments through the internal and external review process of the assessment of the sustainable use of wild species;
- (e) 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

26. 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

27. 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

28. 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.

29. In preparation for the first author meeting, five virtual conferences were held.

30. 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:

- (a) Organization, overall objectives and functions of IPBES;
- (b) IPBES clients and end-users;
- (c) The IPBES conceptual framework, key messages, and work programme and procedures;
- (d) The team: co-chairs, coordinating lead authors, lead authors, fellows, contributing authors, and review editors;
- (e) The assessment timeline;
- (f) Confidentiality, method to select literature, resources, and treatment of uncertainty;
- (g) Support provided by the expert groups on scenarios and models, valuation, and policy support tools.

C. Preparation of the zero order draft

31. 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.

32. 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.

33. 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

34. 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

35. 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.

36. 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,

37. 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.

38. 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

39. 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

40. 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:

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- (a) Finalize the selection of coordinating lead authors and lead authors and, if time allows, of review editors, and fellows;
 - (b) Familiarize the members of the management committee with the relevant procedures, guidance material, schedule and the scoping report of the assessment;
 - (c) Start developing an annotated outline of each chapter of the assessment;
 - (d) 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
 - (e) Plan for the first author meeting.

B. First author meeting

41. The first author meeting is planned to be held in Japan from 19 to 23 August 2019. Its objectives include:

- (a) Further development of the annotated outline of the assessment;
- (b) Identification of contributing authors;
- (c) Identification, from among the members of the assessment expert group, of liaison group members if liaison groups are to be established;
- (d) Identification of knowledge and data needs of the assessment;
- (e) Identification of case studies for possible inclusion in the assessment report;
- (f) Understanding of roles, responsibilities and timelines related to the assessment; and
- (g) Discussion on engagement with other IPBES expert groups and task forces, as appropriate.

C. Timeline and next steps

42. 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).

<i>Role</i>	<i>First Name</i>	<i>Last Name</i>	<i>Affiliation</i>	<i>Nominating Country / Organisation</i>
<i>Chapter 1: Introducing the Values Assessment</i>				
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
<i>Chapter 2: Conceptualizing the diverse values of nature and their contributions to people</i>				
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

Chapter 2: Conceptualizing the diverse values of nature and their contributions to people

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

Chapter 3: Assessment of Valuation Methods

CLA	Benis Nchine	Egoh	University of KwaZulu-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 Semailia, 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

Chapter 4: Values and decision making

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	Sabancı 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	O'Farrell	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

Chapter 5: Incorporating multiple values of nature and nature's contributions to people for just and sustainable futures

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	Romarc	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

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).

<i>Role</i>	<i>Name</i>	<i>Affiliation</i>	<i>Nominating Country/Organisation</i>
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
<i>Chapter 1: Setting the scene</i>			
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
<i>Chapter 2: Conceptualizing the sustainable use of wild species</i>			
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
<i>Chapter 3: Status of and trends in the use of wild species and its implications for wild species, the environment and people</i>			
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

Chapter 3: Status of and trends in the use of wild species and its implications for wild species, the environment and people

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

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

<i>Date</i>	<i>Actions and institutional arrangements</i>
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

<i>Date</i>	<i>Actions and institutional arrangements</i>
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

<i>Date</i>	<i>Actions and institutional arrangements</i>
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.