



## Convention on Biological Diversity

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SUBSIDIARY BODY ON SCIENTIFIC,  
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Montreal, Canada, 2-7 July 2018  
Item 11 of the provisional agenda\*

**SUPPORTING GUIDANCE AND TOOLS FOR THE IMPLEMENTATION OF THE  
INTERNATIONAL INITIATIVE ON THE CONSERVATION AND SUSTAINABLE USE OF  
POLLINATORS**

*Note by the Executive Secretary\*\**

1. In paragraph 11 of decision XIII/15, the Conference of the Parties to the Convention on Biological Diversity requested the Executive Secretary, subject to the availability of resources, to compile information on best practices, tools and lessons learned related to the monitoring and management of pollinators and pollination and to make them available through the clearing-house mechanism and other means.

2. Accordingly, the Executive secretary is presenting the present compilation of information. There are extensive tools and guidance available, particularly through partners actively working on integrating pollinators concerns into food systems and agriculture. The document presents further information and guidelines to support the implementation of the updated plan of action for the International Initiative on the Conservation and Sustainable Use of Pollinators prepared in collaboration with the Food and Agriculture Organization of the United Nations and other partners provided in annex I to the note by the Executive Secretary on conservation and sustainable use of pollinators (CBD/SBSTTA/22/10).

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\* CBD/SBSTTA/22/1.

\*\* Issued without editing.

| CBD documents and the International Initiative for the Conservation and Sustainable Use of Pollinator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <p>CBD (1998) Conservation and sustainable use of agricultural biological diversity – COP decision III/11 <a href="https://www.cbd.int/decisions/?id=7107">https://www.cbd.int/decisions/?id=7107</a></p> <p>CBD (2000) The International Initiative for the Conservation and Sustainable Use of Pollinators - COP decision V/5 <a href="https://www.cbd.int/decision/cop/default.shtml?id=7147">https://www.cbd.int/decision/cop/default.shtml?id=7147</a></p> <p>CBD (2002) Plan of Action for the International Initiative for the Conservation and Sustainable Use of Pollinators - COP decision VI/5, Annex 2 <a href="https://www.cbd.int/decision/cop/?id=7179">https://www.cbd.int/decision/cop/?id=7179</a></p> <p>FAO's Global Action on Pollination Services for Sustainable Agriculture <a href="http://www.fao.org/pollination/en/">http://www.fao.org/pollination/en/</a></p> <p>CBD (2016) COP decision XIII/15 - Implications of the IPBES assessment on pollinators, pollination and food production for the work of the Convention <a href="https://www.cbd.int/doc/decisions/cop-13/cop-13-dec-15-en.doc">https://www.cbd.int/doc/decisions/cop-13/cop-13-dec-15-en.doc</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Codes, Protocols, Technical Guidance and Tools                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>FAO Pesticide Registration Toolkit <a href="http://www.fao.org/pesticide-registration-toolkit/en/">http://www.fao.org/pesticide-registration-toolkit/en/</a></p> <p>FAO (2009) Guidelines for the Economic Valuation of Pollination Services at a National Scale <a href="http://www.fao.org/3/a-at523e.pdf">http://www.fao.org/3/a-at523e.pdf</a></p> <p>FAO (2009). Tool for Valuation of Pollination Services at a National Level. <a href="http://www.fao.org/pollination/resources/en/page=4">http://www.fao.org/pollination/resources/en/page=4</a></p> <p>FAO (2011) Protocol to Detect and Assess Pollination Deficits in Crops: a Handbook for Its Use <a href="http://www.fao.org/docrep/013/i1929e/i1929e00.htm">http://www.fao.org/docrep/013/i1929e/i1929e00.htm</a></p> <p>FAO (2011) Potential Effects of Climate Change on Crop Pollination <a href="http://www.fao.org/docrep/014/i2242e/i2242e00.htm">http://www.fao.org/docrep/014/i2242e/i2242e00.htm</a></p> <p>FAO (2012) Handbook For Participatory Socioeconomic Evaluation of Pollinator-friendly Practices <a href="http://www.fao.org/3/a-i2442e.pdf">http://www.fao.org/3/a-i2442e.pdf</a></p> <p>FAO (2013) Policy Analysis Paper: Mainstreaming of Biodiversity and Ecosystem Services With A Focus On Pollination <a href="http://www.fao.org/3/a-i4242e.pdf">http://www.fao.org/3/a-i4242e.pdf</a></p> <p>FAO (2013) Aspects Determining the Risk of Pesticides to Wild Bees: Risk Profiles for Focal Crops on Three Continents <a href="http://www.fao.org/uploads/media/risk_pest_wildbees.pdf">http://www.fao.org/uploads/media/risk_pest_wildbees.pdf</a></p> <p>FAO (2014) Pollinator safety in Agriculture <a href="http://www.fao.org/3/a-i3800e.pdf">http://www.fao.org/3/a-i3800e.pdf</a></p> <p>FAO, WHO (2014) International Code of Conduct on Pesticide Management <a href="http://www.fao.org/fileadmin/templates/agphome/documents/Pests_Pesticides/Code/CODE_2014Sep_ENG.pdf">http://www.fao.org/fileadmin/templates/agphome/documents/Pests_Pesticides/Code/CODE_2014Sep_ENG.pdf</a></p> <p>FAO (2015) Crops, Weeds and Pollinators: Understanding Ecological Interactions for Better Management. <a href="http://www.fao.org/3/a-i3821e.pdf">http://www.fao.org/3/a-i3821e.pdf</a></p> <p>FAO, WHO (2016) International Code of Conduct on Pesticide Management. Guidelines on Highly Hazardous Pesticides <a href="http://www.fao.org/3/a-i5566e.pdf">http://www.fao.org/3/a-i5566e.pdf</a></p> <p>FAO (2016) Protocol to Detect and Monitor Pollinator Communities Guidance for Practitioners <a href="http://www.fao.org/3/a-i5367e.pdf">http://www.fao.org/3/a-i5367e.pdf</a></p> <p>FAO (2016) Mainstreaming Ecosystem Services and Biodiversity into Agricultural Production and Management in East Africa <a href="http://www.fao.org/3/a-i5603e.pdf">http://www.fao.org/3/a-i5603e.pdf</a></p> <p>FAO (2016) Mainstreaming Ecosystem Services and Biodiversity into Agricultural Production and Management in the Pacific Islands <a href="http://www.fao.org/3/a-i6505e.pdf">www.fao.org/3/a-i6505e.pdf</a></p> <p>FAO (2016) A Quantitative Approach to the Socio-Economic Valuation of Pollinator-friendly Practices: A Protocol for its Use. <a href="http://www.fao.org/3/a-i5481e.pdf">http://www.fao.org/3/a-i5481e.pdf</a></p> <p>FAO (2016) A Manual on Apple Pollination <a href="http://www.fao.org/3/a-i5527e.pdf">http://www.fao.org/3/a-i5527e.pdf</a></p> |

| Assessment and Reports                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <p>IPBES (2016) Assessment report on Pollinators, Pollination, and Food Production<br/> <a href="https://www.ipbes.net/sites/default/files/downloads/pdf/individual_chapters_pollination_20170305.pdf">https://www.ipbes.net/sites/default/files/downloads/pdf/individual_chapters_pollination_20170305.pdf</a></p> <p>FAO (2016) Pollination Services to Agriculture – Sustaining and Enhancing a key Ecosystem Service<br/>         Barbara Gemmill-Herren (ed). Routledge.</p> <p>Garibaldi, Lucas &amp; Carvalheiro et al. (2016) Mutually beneficial pollinator diversity and crop yield outcomes in small and large farms. Science. 351. 388-391.<br/> <a href="http://science.sciencemag.org/content/351/6271/388">http://science.sciencemag.org/content/351/6271/388</a></p> <p>CBD and IPBES (2018) Wild Pollinator assessment and the role of pollinators beyond food production</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| National and Regional Pollinator Initiatives                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>African Pollinator Initiative: <a href="http://www.fao.org/docrep/010/a1490e/a1490e00.htm">http://www.fao.org/docrep/010/a1490e/a1490e00.htm</a></p> <p>Oceania Pollinator Initiative: <a href="http://www.oceanicpollinators.org/">http://www.oceanicpollinators.org/</a></p> <p>European Pollinator Initiative:<br/> <a href="http://ec.europa.eu/environment/nature/conservation/species/pollinators/index_en.htm">http://ec.europa.eu/environment/nature/conservation/species/pollinators/index_en.htm</a></p> <p>North American Pollinator Protection Campaign: <a href="http://pollinator.org/nappc">http://pollinator.org/nappc</a></p> <p>Brazilian Pollinators Initiative: <a href="http://www.webbee.org.br/bpi/ibp_english.htm">http://www.webbee.org.br/bpi/ibp_english.htm</a></p> <p>Iniciativa Colombiana de Polinizadores: <a href="http://www.uneditorial.com/pageflip/acceso-abierto/pdf/abejas-polinizadoras-ebook-40217.pdf">http://www.uneditorial.com/pageflip/acceso-abierto/pdf/abejas-polinizadoras-ebook-40217.pdf</a></p> <p>Pollinator Partnership Action Plan (USA):<br/> <a href="https://www.whitehouse.gov/sites/whitehouse.gov/files/images/Blog/PPAP_2016.pdf">https://www.whitehouse.gov/sites/whitehouse.gov/files/images/Blog/PPAP_2016.pdf</a></p> <p>Canadian Pollination Initiative: <a href="http://www.uoguelph.ca/canpolin/">http://www.uoguelph.ca/canpolin/</a></p> <p>The National Pollinator Strategy: for bees and other pollinators in England:<br/> <a href="https://www.gov.uk/government/publications/national-pollinator-strategy-for-bees-and-other-pollinators-in-england">https://www.gov.uk/government/publications/national-pollinator-strategy-for-bees-and-other-pollinators-in-england</a></p> <p>All-Ireland Pollinator Plan: <a href="http://www.biodiversityireland.ie/projects/irish-pollinator-initiative/all-ireland-pollinator-plan/">http://www.biodiversityireland.ie/projects/irish-pollinator-initiative/all-ireland-pollinator-plan/</a></p> <p>Plan national d’actions «France Terre de pollinisateurs» pour la préservation des abeilles et des insectes pollinisateurs sauvages:<br/> <a href="http://www.insectes.org/opie/pdf/3993_pagesdynadocs570e1d6156925.pdf">http://www.insectes.org/opie/pdf/3993_pagesdynadocs570e1d6156925.pdf</a></p> <p>Dutch Pollinator Strategy <a href="https://www.rijksoverheid.nl/documenten/rapporten/2018/01/22/nationale-bijenstrategie-bed--breakfast-for-bees">https://www.rijksoverheid.nl/documenten/rapporten/2018/01/22/nationale-bijenstrategie-bed--breakfast-for-bees</a></p> <p>Swiss National Action Plan for Bee Health</p> |