



Pollination and International Development Webinar

Hien T. Ngo
UK Collaborative on Development Sciences
Friday 26 January 2018



www.ipbes.net



Food and Agriculture
Organization of the
United Nations



empowered lives.
Resilient nations.



IPBES Background



The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services

- **Objective:** To provide policy relevant knowledge on biodiversity and ecosystem services to inform decision making
- Currently 128 Members (Governments)
- Placed under the auspices of the United Nations
- Currently implementing its first Work Programme (2014-2018)
- Chaired by **Sir Robert Watson**, the mission of IPBES is to strengthen policy and decisions through science, for the



- the IPBES work programme (2014-2018): Governments and MEAs submitted requests relating to biodiversity and ecosystem services.
- procedure for receiving and prioritizing requests put to the Platform
- **Pollinators, pollination and food production** was the first thematic deliverable
- Furthermore it would **complement and build on the work of the FAO** – create synergies
- The undertaking of the assessment was approved (originally) as a “fast-track thematic” assessment (Decision IPBES-2/5, and approved scoping was Annex V)



Pollination Assessment Report & Process

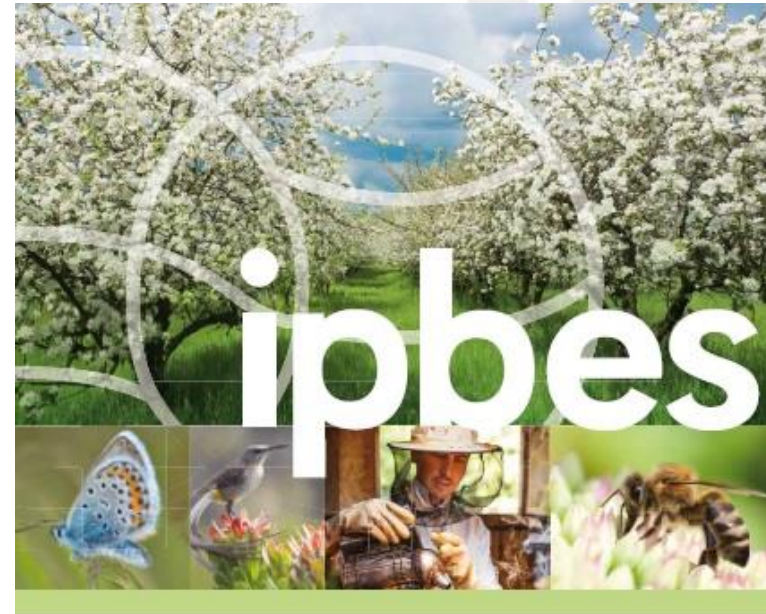
- **2 year process**
- **First output of IPBES**
- 2 Co-chairs (Drs Simon Potts & Vera Imperatriz-Fonseca)
- 19 Coordinating Lead Authors
- 41 Lead Authors
- 14 Review Editors
- 35 Contributing Authors

- **TOTAL: 76 experts**



The outcomes..

- The Summary for Policymakers (SPM) was approved by **126 member countries** at IPBES-4 (2016) in Kuala Lumpur, Malaysia
- In addition the entire underlying assessment of six chapters was also accepted (552 pages – online)



Panelists for the contact group on the pollination assessment

The assessment report on
**POLLINATORS,
POLLINATION AND
FOOD PRODUCTION**
SUMMARY FOR POLICYMAKERS





Achievements

- 1) MEDIA and PUBLIC OUTREACH
- 2) SCIENTIFIC OUTREACH
- 3) POLICY OUTREACH

After the approval of the summary for policymakers at IPBES-4, the media campaign linked to the pollination assessment report and its key findings generated almost **1400+ online news sites** and stories through **18 top international newswires** with coverage in **28 languages** in 81

SCIENCE

Decline of Pollinators Poses Threat to World Food Supply, Report Says

By JOHN SCHWARTZ FEB. 26, 2016



Beetles, butterflies and bees, oh my! Pollinators face extinction, study says



By Azadeh Ansari, CNN

Updated 3:00 PM ET, Fri February 26, 2016

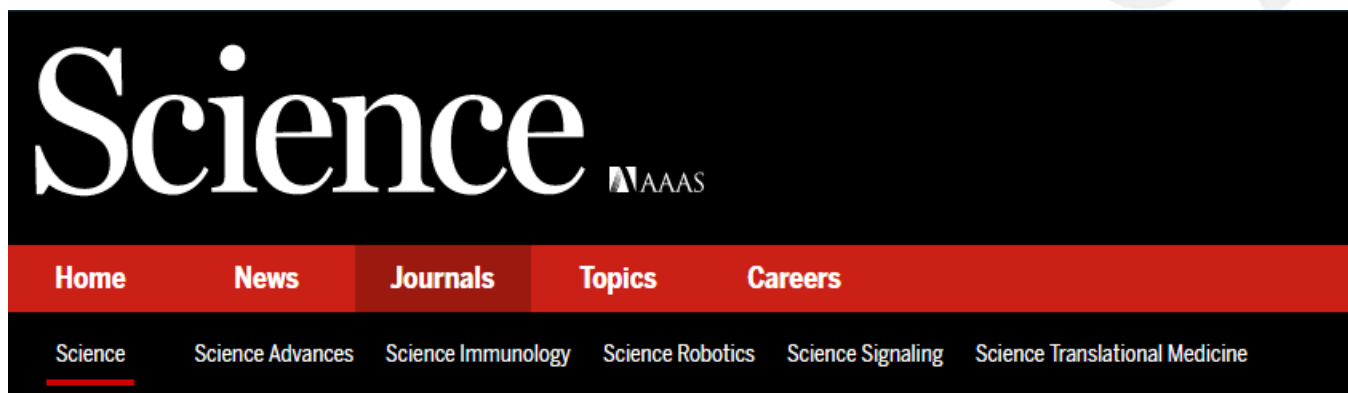


Science Outreach

- Settele, J. et al. 2016. Climate change impacts on pollination. **Nature Plants** 2: 16092
- Potts, S. G. et al. 2016. Safeguarding Pollinators and Their Values to Human Well-Being. **Nature** 540 (7632): 220-229
- Dicks, L. V. et al. 2016. Ten policies for pollinators. **Science** 354 (6315): 975-976. DOI: 10.1126/science.aai9226
- Breeze, T. D. et al. 2016. Economic Measures of Pollination Services: Shortcomings and Future Directions. **Trends in Ecology and Evolution** 31(12): 927–939
- Kovács-Hostyánszki, A., et al., 2017. Ecological intensification to mitigate impacts of conventional intensive land use on pollinators and pollination. **Ecology Letters** 20:673-689
- Vanbergen et al., 2018. Risks to pollinators and pollination from invasive alien species. **Nature Ecology & Evolution** 2: 16–25

Policy recommendations

Dicks, L. V. et al. 2016. Ten policies for pollinators. *Science* 354 (6315): 975-976.



SHARE POLICY FORUM | BIODIVERSITY



0

Ten policies for pollinators

Lynn V. Dicks¹, Blandina Viana², Riccardo Bommarco³, Berry Brosi⁴, María del Coro Arizmendi⁵, Saul A. Cunningham⁶, ...

+ See all authors and affiliations



0

Science 25 Nov 2016:
Vol. 354, Issue 6315, pp. 975-976
DOI: 10.1126/science.aai9226

[Article](#)

[Figures & Data](#)

[Info & Metrics](#)

[eLetters](#)

[PDF](#)

eLetters is an online forum for ongoing peer review. Submission of eLetters are open to all. eLetters are not edited, proofread, or indexed. Please read our [Terms of Service](#) before submitting your own eLetter.

Convention on Biological Diversity (CBD)

- The Thirteenth meeting of the Conference of the Parties (COP 13) (Cancun, Mexico, December 2016) adopted decision XIII/15 on the **Implications of the IPBES assessment on pollinators, pollination and food production** for the work of the Convention, in which the Conference of the Parties welcomed the IPBES summary for policymakers of the thematic assessment on pollinators, pollination and food production and endorsed its key messages.



Convention on Biological Diversity (CBD)

- PROMOTING POLLINATOR-FRIENDLY HABITATS
- IMPROVING THE MANAGEMENT OF POLLINATORS, AND REDUCING RISK FROM PESTS, PATHOGENS AND INVASIVE SPECIES
- REDUCING RISK FROM PESTICIDES, INCLUDING INSECTICIDES, HERBICIDES AND FUNGICIDES
- ENABLING POLICIES AND ACTIVITIES
- RESEARCH, MONITORING AND ASSESSMENT



UN **BIODIVERSITY**
CONFERENCE

COP13-COPMOP8-COPMOP2
CANCUN, MEXICO 2016

MAINSTREAMING BIODIVERSITY FOR WELL-BEING



Declaration - Coalition of the Willing on Pollinators

The Netherlands announced at the high level segment of COP-13, the launch of a new initiative, called the **Coalition of the Willing on Pollinators**.

Signatories include:

France, Germany,
the United Kingdom,
Belgium, Austria,
Denmark,
Luxembourg, Finland,
Spain, the Netherlands,
Uruguay, Peru and
Slovenia

***Ethiopia** signed the Declaration on the Coalition of the Willing on Pollinators (July, 2017)



Declaration - Coalition of the Willing on Pollinators

The Ministry of Agriculture, Nature and Food Quality of The Netherlands with Org-ID will establish the secretariat.



From left to right: Martijn Thijssen (project leader), Ilia Neudecker (specialist International environmental governance) , Elise de Groot (communication), Jack Jansen (business models)

<https://promotepollinators.org/>



What's next?



Many National Initiatives

Established or **in development**

England

Scotland

Wales

All Ireland

France

Switzerland

Netherlands

Norway

USA

Canada

Brazil

Argentina

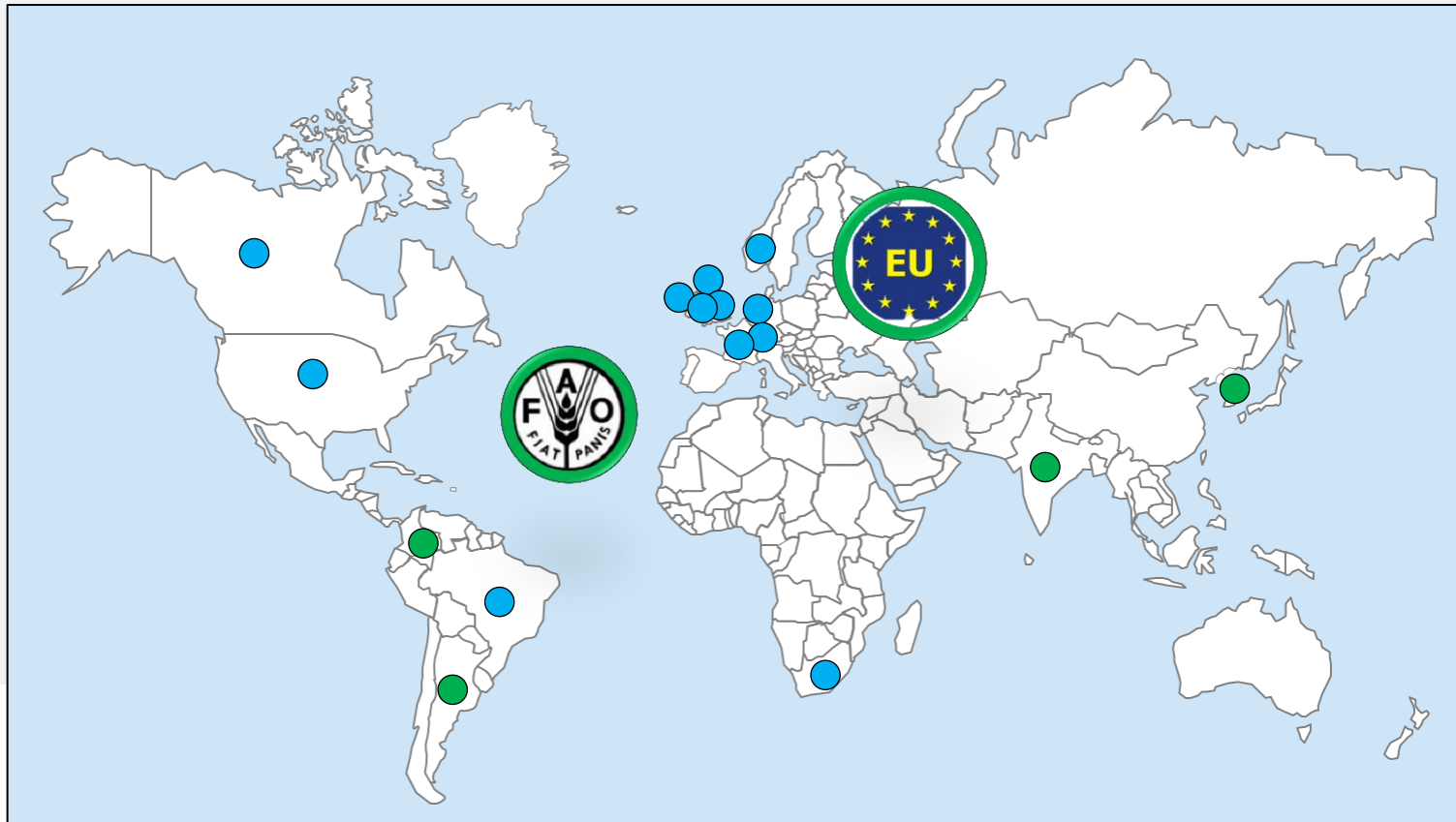
Colombia

South Africa

India

Republic of Korea

EU and global and others



BES-Net Triologue (Sarajevo, Bosnia and Herzegovina)

18-20 October 2017

52 stakeholders from **Albania, BiH, Georgia, Moldova and Montenegro**



BES-Net Triologues are multi-stakeholder dialogues among the three communities of **policy, science and practice** that focus on specific policy questions at the national and regional levels

Objectives:

- **raising awareness** about the relevance of the global findings of IPBES
- **sharing knowledge** across the policy, science and practice communities
- **identifying regionally and nationally-relevant risks and opportunities** for pollinators and pollination
- **generating commitment to collaboration and action to protect pollinators**



Awareness and communication opportunities:

World Bee Day

<https://www.worldbeeday.org/en/bee-with-us.html>



Capacity Building & mainstreaming:

BES-Net Trialogue (Sarajevo, Bosnia and Herzegovina)

<http://besnet.world/event/bes-net-trialogue-pollinators-food-security-and-rural-development>

MORE TRIALOGUES!

More Initiatives!

- National pollinator strategies (to be developed)

- EU Pollinators Initiative

http://ec.europa.eu/environment/nature/conservation/species/pollinators/index_en.htm

- The International Pollinator Initiative





Thank you!



Science and Policy
for People and Nature

IPBES Secretariat, UN Campus
Platz der Vereinten Nationen 1, D-53113 Bonn, Germany
secretariat@ipbes.net

 @IPBES
www.ipbes.net