

Capacity Building workshop for Latin America on  
the restoration of forest and other ecosystems to  
support achievement of the Aichi Biodiversity  
Targets

Bogotá, Colombia  
April 4-8, 2016

**IPBES and the Thematic Assessment on  
Land Degradation and Restoration.**



# Outline

## 1. Introduction to IPBES (item 1)

Organisation of IPBES

The 4 functions

The 1<sup>st</sup> Programme of Work (2014-2018)

## 2. The thematic assessment on land degradation and restoration



# What is IPBES?

- Intergovernmental Platform on Biodiversity and Ecosystem Services
- **Overall objective:** To provide policy relevant knowledge on biodiversity and ecosystem services to inform decision making
- Established in April 2012, Panama
- 124 Members
- Secretariat hosted in Bonn



# How is IPBES organised?

## Plenary: Decision-making body

Responsible for the overall work programme, working through Bureau and MEP



### Bureau

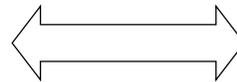
Responsible for overseeing the **administrative** functions of IPBES

### Multidisciplinary Expert Panel (MEP)

Responsible for carrying out the **scientific** and **technical** functions of the work programme,



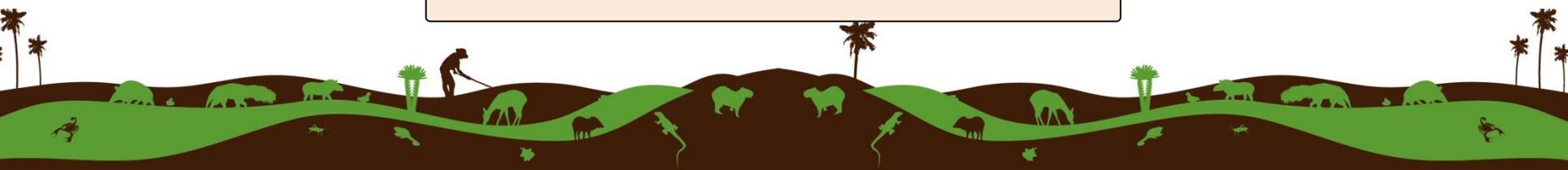
**Expert groups** for assessments, policy support tools and other studies



**Task forces** on capacity-building, knowledge and data, and indigenous and local knowledge



**Secretariat (including Technical Support Units)**



# The Functions of IPBES

IPBES was established with four agreed functions:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• <b>Knowledge generation</b></li> </ul> | Identify knowledge needs of policymakers, and catalyse efforts to generate new knowledge                               |
| <ul style="list-style-type: none"> <li>• <b>Assessment</b></li> </ul>           | Deliver global, regional and thematic assessments, and promote and catalyse support for sub-global assessment          |
| <ul style="list-style-type: none"> <li>• <b>Policy support tools</b></li> </ul> | Identify policy relevant tools/methodologies, facilitate their use, and promote and catalyse their further development |
| <ul style="list-style-type: none"> <li>• <b>Capacity building</b></li> </ul>    | Prioritize key capacity building needs, and provide and call for financial and other support for priority needs        |



# Structure of the Work Programme

**Objective 1:** Strengthen the **capacity** and **knowledge** foundations of the science-policy interface to implement key IPBES functions

**Objective 2:** Strengthen the science-policy interface on biodiversity and ecosystem services at and across the **sub-regional, regional and global levels**

**Objective 3:** Strengthen the knowledge-policy interface with regard to **thematic and methodological issues**

**Objective 4:** **Communicate** and **evaluate** IPBES activities, deliverables and findings



# 4 objectives and 18 deliverables

## Objective 1 Strengthen the capacity and knowledge foundations of the science-policy interface to implement key functions of the Platform:

- a) **Priority capacity-building-needs** to implement the Platform work programme are **matched with resources** through catalysing financial and in-kind support
- b) **Capacities needed to implement the Platform work programme are developed** with support provided by network on capacity-building
- c) Procedures and approaches for **working with indigenous and local knowledge systems**
- d) **Priority knowledge and data needs for policy-making** are addressed through catalysing efforts to generate new knowledge and networking

## Objective 2 Strengthen the science-policy interface on biodiversity and ecosystem services at and across the subregional, regional and global levels:

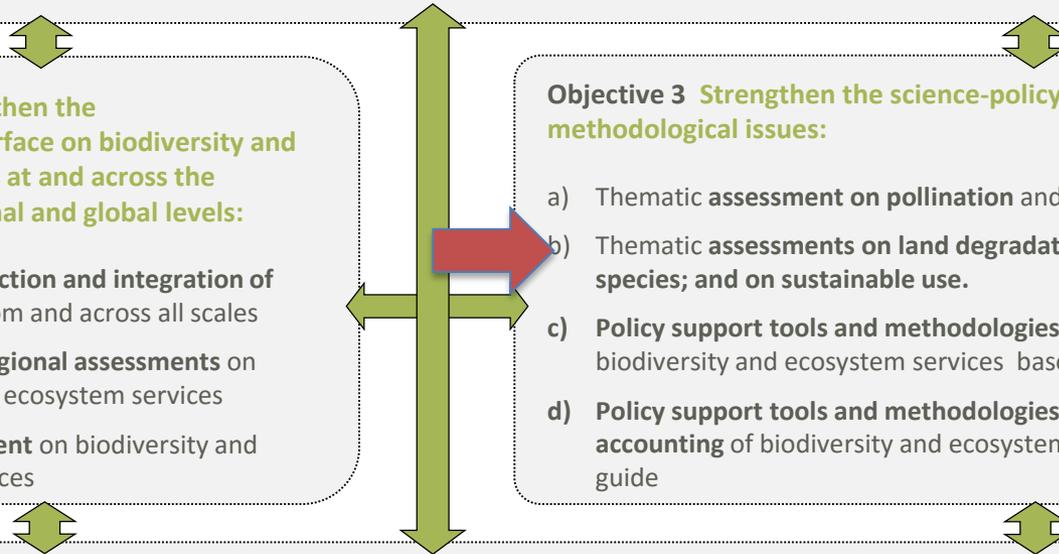
- a) **Guide on production and integration of assessments** from and across all scales
- b) **Regional/Subregional assessments** on biodiversity and ecosystem services
- c) **Global assessment** on biodiversity and ecosystem services

## Objective 3 Strengthen the science-policy interface with regard to thematic and methodological issues:

- a) **Thematic assessment on pollination** and food production
- b) **Thematic assessments on land degradation** and restoration; **on invasive alien species; and on sustainable use.**
- c) **Policy support tools and methodologies for scenarios analysis and modelling** of biodiversity and ecosystem services based on an assessment and a guide
- d) **Policy support tools and methodologies regarding value, valuation and accounting** of biodiversity and ecosystem services based on an assessment and a guide

## Objective 4 Communicate and evaluate Platform activities, deliverables and findings:

- a) **Catalogue of relevant assessments**
- b) **Development of an information and data management plan**
- c) **Catalogue of policy support tools and methodologies**
- d) **Set of communication, outreach and engagement strategies, products and processes**
- e) **Reviews of the effectiveness of guidance, procedures, methods and approaches** to inform future development of the Platform



# The thematic assessment on Land Degradation and Restoration (LDR)

- The assessment of LDR is to cover the global status of and trends in land degradation, by region and land cover type; the effect of degradation on biodiversity values, ecosystem services and human well-being; and the state of knowledge, by region and land cover type, of ecosystem restoration extent and options. The assessment would enhance the knowledge base for policies for addressing land degradation, desertification and the restoration of degraded land.
- A workshop was held to develop the scope of the land degradation and restoration assessment in September 2015, in Beijing, China. Experts of this scoping workshop further developed the scope of the land degradation and restoration assessments.
- In January 2015 the third session of the Plenary approved the launch of the land degradation and restoration assessment together with an agreed scope.
- The assessment is composed by 96 experts
- The technical support unit (TSU) was established in 2015 and is hosted by the IPBES Secretariat in Bonn, Germany



# The thematic assessment on Land Degradation and Restoration (LDR)

What makes an effective assessment?

**Legitimacy**

**Credibility**

**Relevance**



# The thematic assessment on Land Degradation and Restoration (LDR)

## CHAPTER OUTLINE:

- **Chapter 1:** will focus on assessing and comparing differing concepts and perceptions of land degradation and restoration, stemming from both western science and indigenous and local knowledge.
- **Chapter 2:** will assess how land degradation is the result of multiple drivers, involving both direct anthropogenic and natural factors and interactions between them, as well as underlying indirect drivers.
- **Chapter 3:** will focus on the status and trends of land degradation in terms of the loss or decline in biodiversity and ecosystem functioning, as well as the degradation processes that result in these changes.
- **Chapter 4:** will focus on the loss or impairment of nature's benefits to people, and the resultant impacts on quality of life.
- **Chapter 5:** will develop a framework to assess the effectiveness of existing interventions to prevent, halt, reduce and mitigate the processes of land degradation and to rehabilitate and restore degraded land through the recovery of biodiversity, ecosystem structure and functioning and their benefits to people
- **Chapter 6:** will consolidate and rationalize information necessary to support evidence-based decision-making and institution-building for policy makers and practitioners responsible for selecting and implementing strategies to address land degradation problems
- **Chapter 7:** will explore the implications of a range of plausible development scenarios, including the adoption of different response options, and their implications for land degradation globally, including impacts on human well-being and the potential for successfully restoring degraded lands and associated freshwater and coastal systems



## The thematic assessment on Land Degradation and Restoration (LDR) and the Regional Assessments on Biodiversity and Ecosystem Services.

- The Plenary requested to have a **coordinated approach between the regional assessments and the thematic assessments**
  - land degradation (starting);
  - and soon invasive species; and sustainable use of biodiversity
- In order to implement this decision, experts of these 3 themes will be involved in the chapters of the regional assessment.
- 2 experts per theme (total of 6 for each region) will also be involved as LAs in the thematic assessments; we call these individuals **Liaison Experts**.
- The LDR Assessment and the Regional Assessments are expected to be approved at the 6<sup>th</sup> IPBES Plenary Session in 2018.



THANK YOU!

