



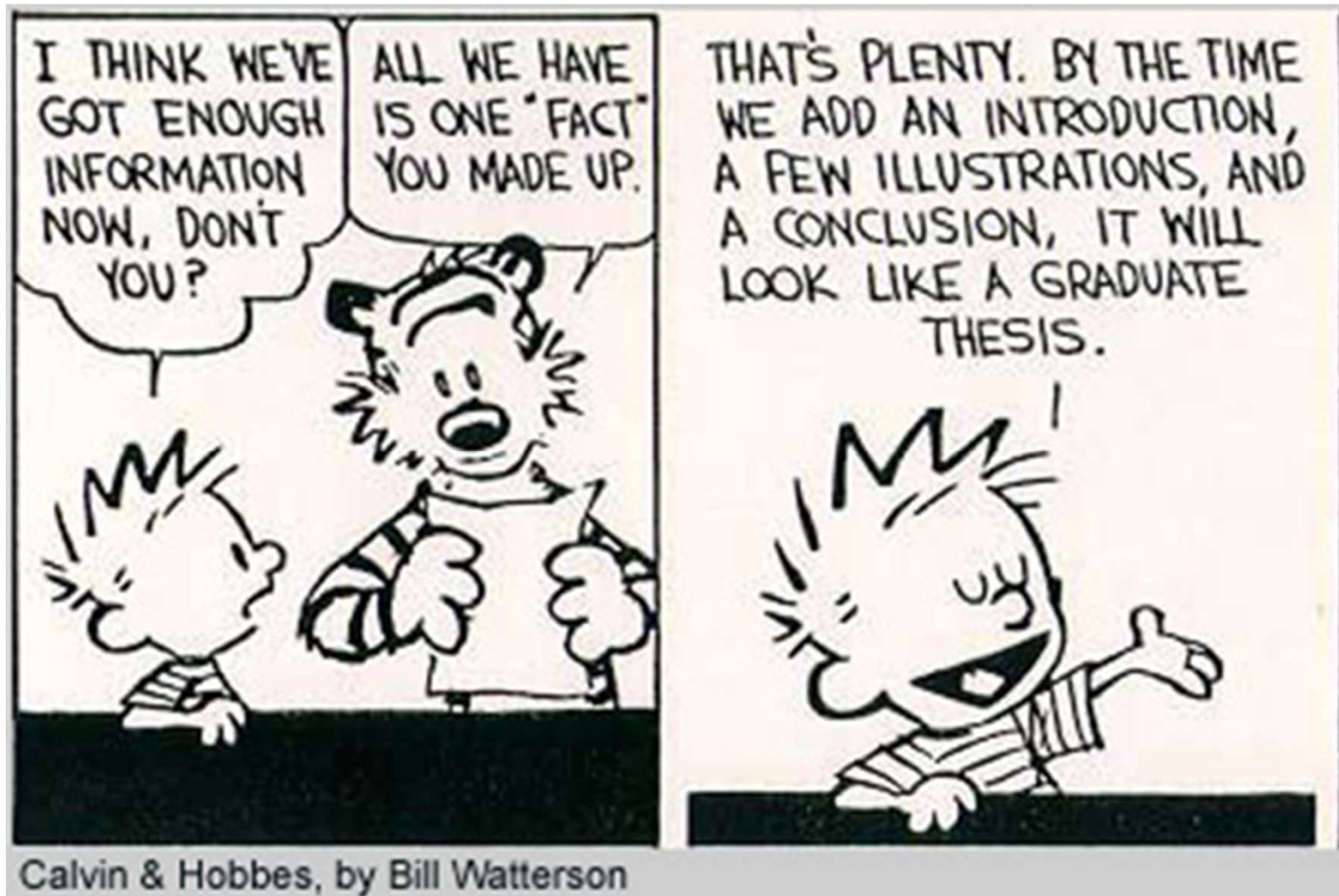
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How can TEEB studies contribute to mainstreaming?

Ulrike Troeger
GIZ-ValuES Project
www.aboutvalues.net



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“The common rule is to present an economic valuation, then suggest that it be used for decision-making, but without this use being either made explicit, or contextualized, [...] or analyzed.”

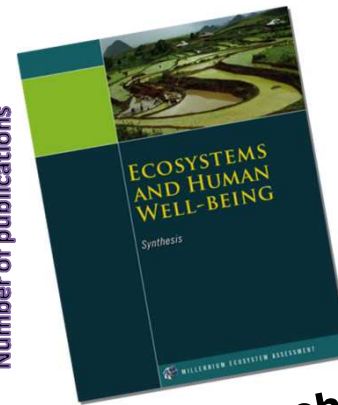
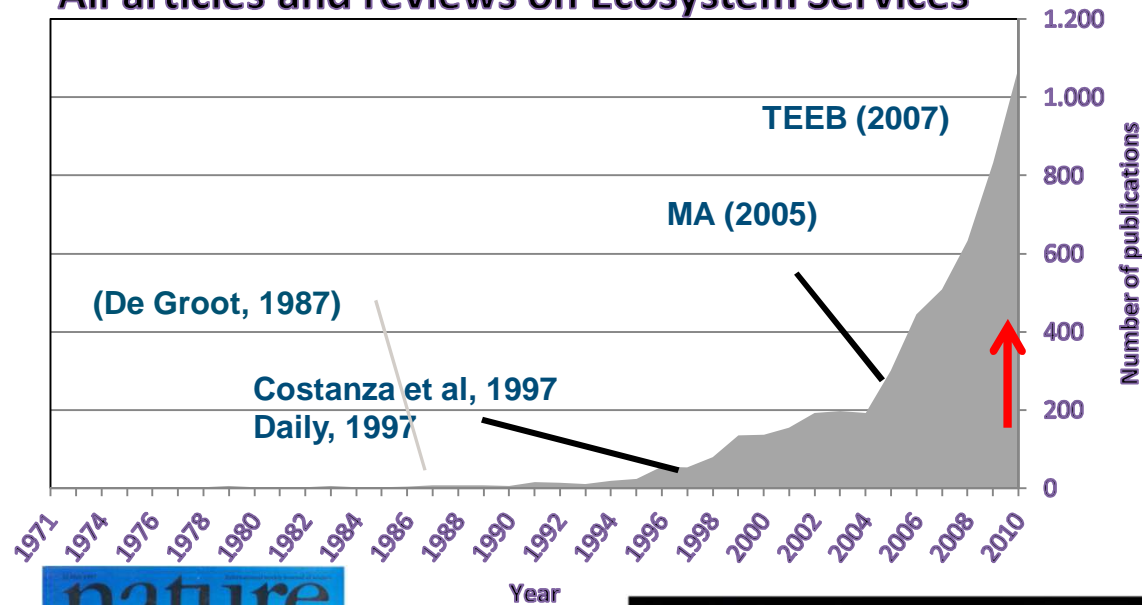
Billé et al 2012:
http://www.iddri.org/Publications/Collections/Syntheses/PB0712_RB%20et%20al._UEVES.pdf



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Increasing awareness and publications

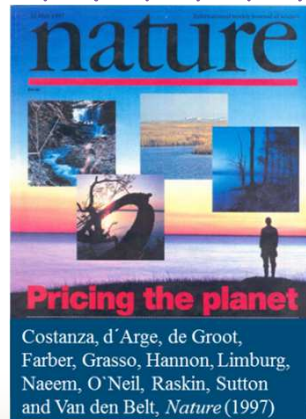
All articles and reviews on Ecosystem Services



www.maweb.org



www.teebweb.org



Costanza, d'Arge, de Groot, Farber, Grasso, Hannon, Limburg, Naeem, O'Neil, Raskin, Sutton and Van den Belt, *Nature* (1997)



www.ipbes.net

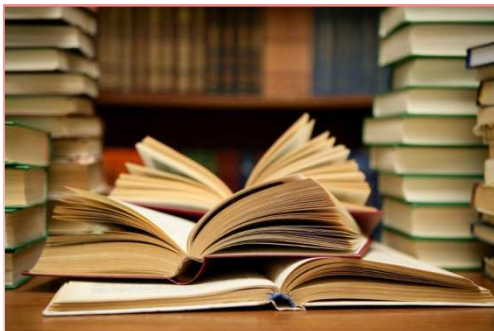


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Discrepancy

On the one hand:

Increasing number of
ecosystem service
assessments and
valuations (ESAV)
(scientific publications)



On the other hand:

Only few examples where
**ESAV have led to political
change**
(only 10 out of 335 studies)*



*Quelle: *Laurans und Mermet, 2014*



Generally (weak) framing of ecosystem services assessments

From an email to TEEB@ufz.de (March 2014):

„Dear [Sir or Madam],

..... Our environment minister promised us \$300K to do a ,TEEB‘. We have been asked to calculate our country’s natural capital. Can you help us? Which methods can we use?“



Methods and Instruments to integrate ecosystem services into policy and practice

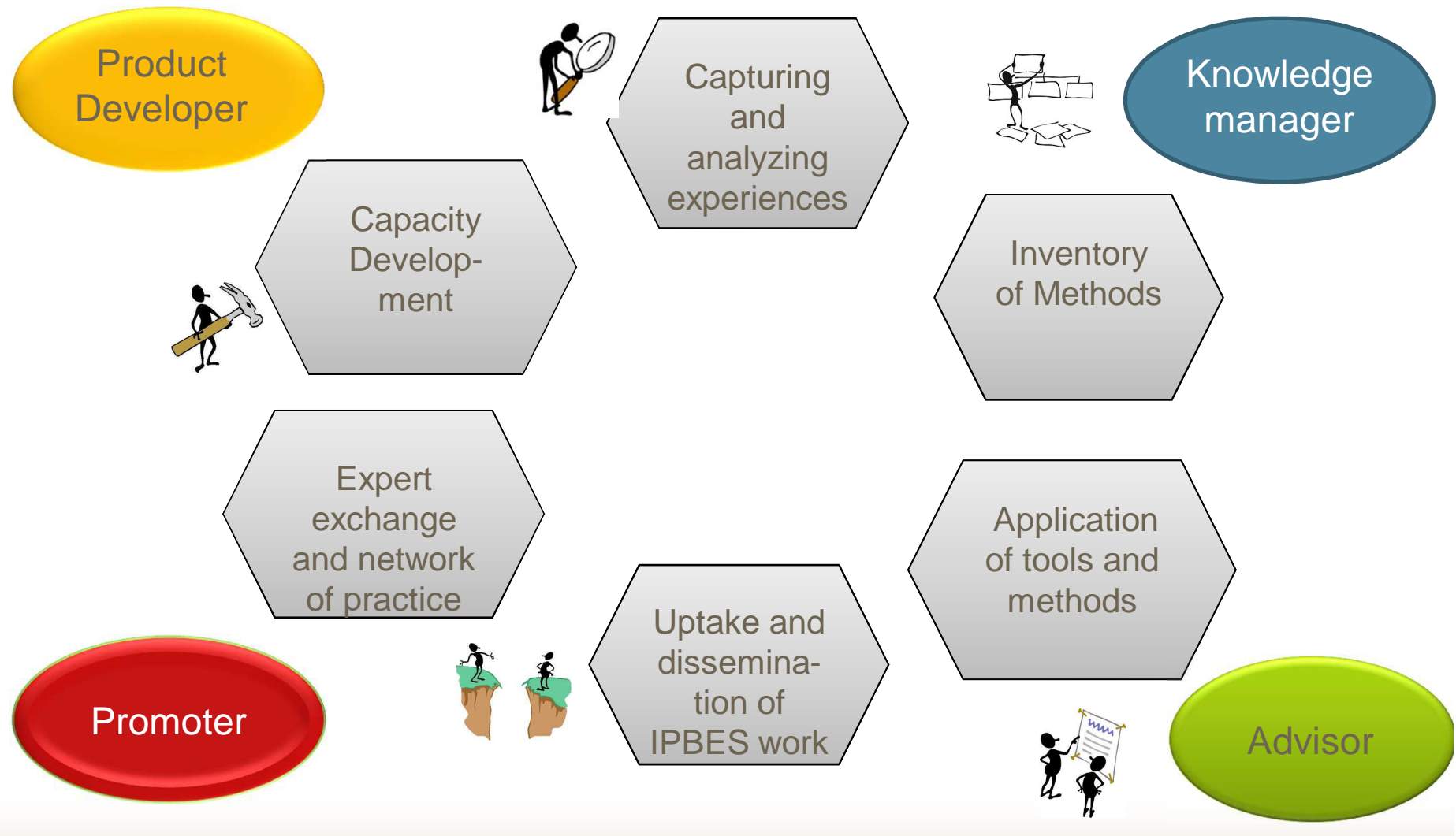




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Where we work...







Increasing the Policy Impact of Ecosystem Service Assessments and Valuations

Insights from Practice

Augustin Berghöfer, Claire Brown, Aaron Bruner, Lucy Emerton, Ersin Esen, Davide Gonelotti, Marina Kosmus, Ritesh Kumar, Markus Lehmann, Fernando Leon Morales, Ephraim Nkonya, Till Pistorius, Julian Rode, Roel Slootweg, Ulrike Tröger, Heidi Wittmar, Sven Wunder, Hugo van Zyl

April 2016

giz German Development
Cooperation

**HELMHOLTZ
ZENTRUM FÜR
UMWELTFORSCHUNG
UFZ**

Das Institut ist
Federal Ministry for the
Environment, Nature Conservation,
Building and Nuclear Safety
of the Federal Republic of Germany



Some barriers to policy uptake

- Wrong ideas about policy processes?
- ESAVs do not fit into them?
- ESAVs fit but simply go unnoticed?
- Scientists do not bother about policy processes?

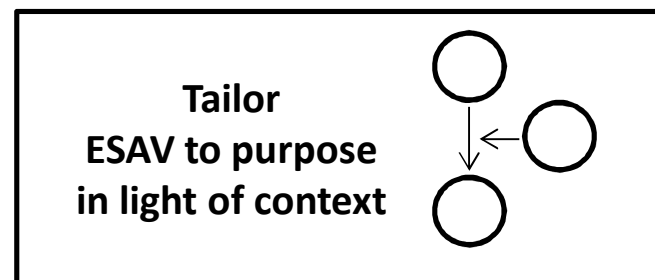
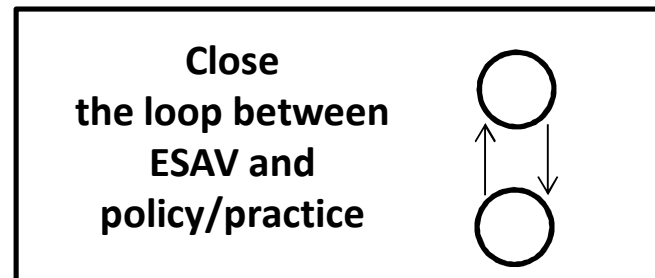


- 19 cases selected from TEEBcase collection, own work experience and personal contacts: with access to ,inside story‘
- document analysis and semi-structured interviews
- review workshop on findings with:

Claire Brown, Aaron Bruner, Lucy Emerton, Ersin Esen, Davide Geneletti, Marina Kosmus, Markus Lehmann, Fernando León, Ritesh Kumar, Ephraim Nkonya, Till Pistorius, Julian Rode, Isabel Renner, Roel Slootweg, Ulrike Tröger, Heidi Wittmer, Sven Wunder, Hugo van Zyl



Requirements



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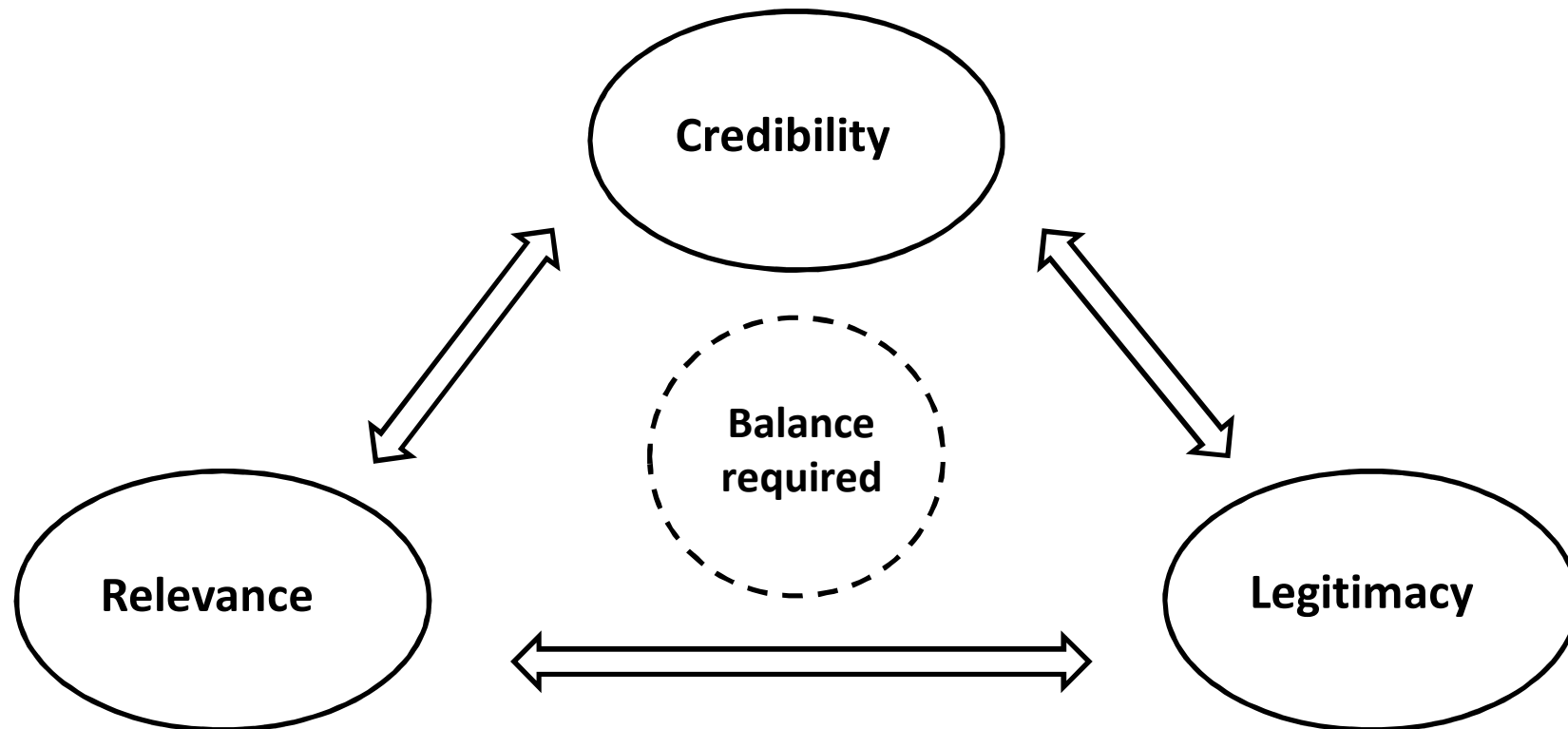
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Options





Requirement 1: Balance principles for scientific policy advice



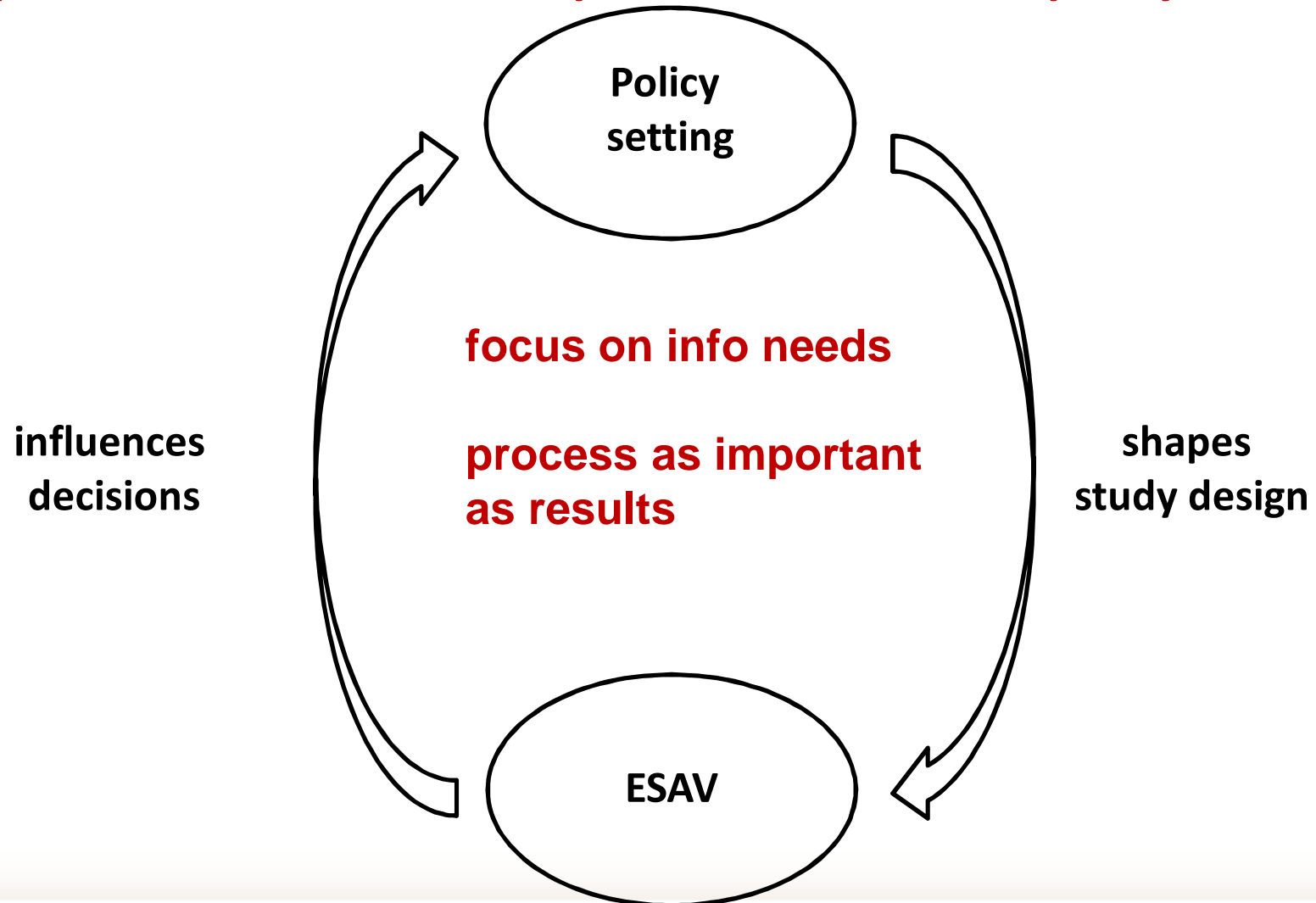
Credibility: Assessment results are precise and trustworthy

Relevance: Results address the right questions at the right moment in the right way

Legitimacy: Assessment (process) is widely acceptable, and recognizes different views

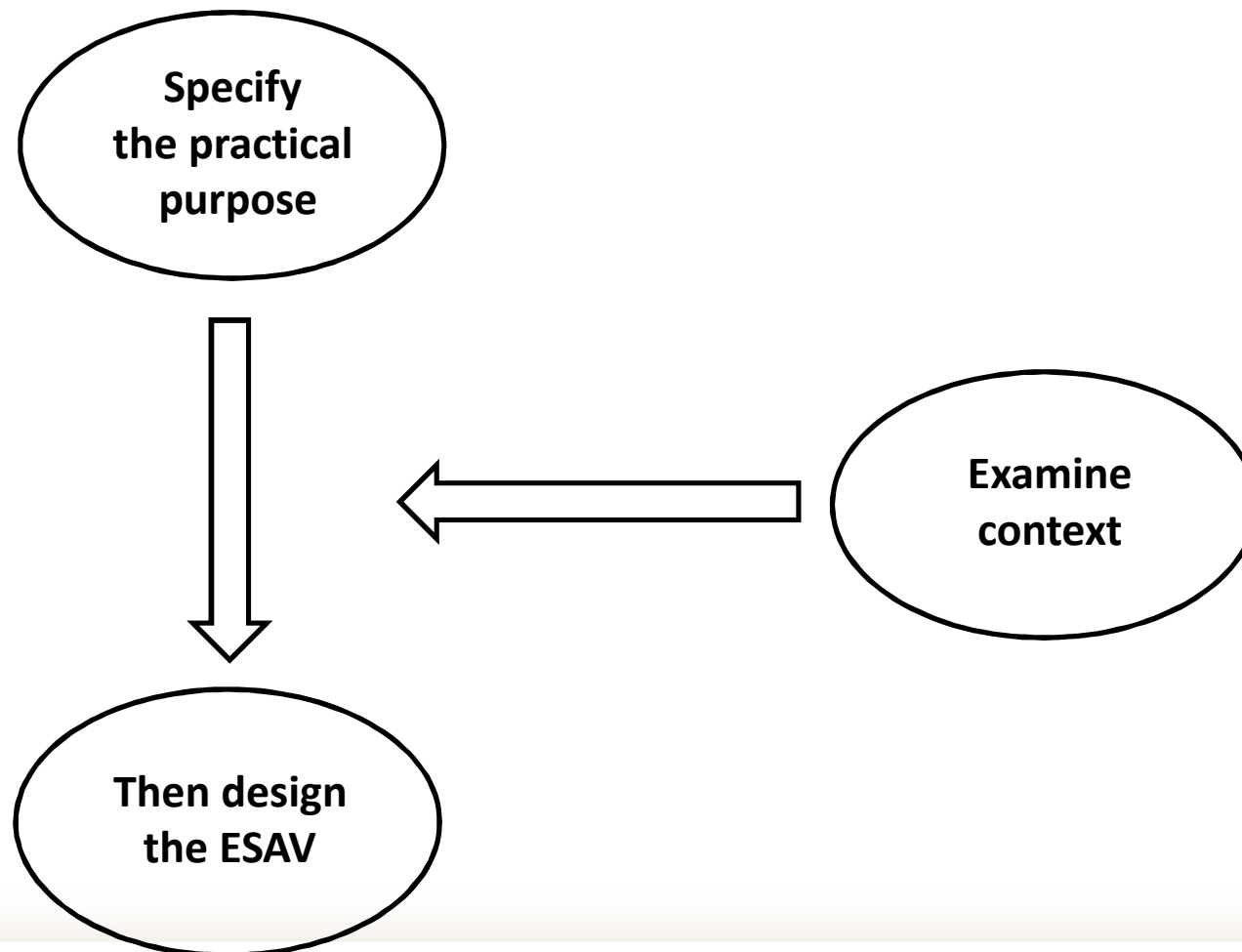


Requirement 2: Close the loop between ESAV and policy setting





Requirement 3: Tailor ESAV to its purpose in light of context





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Typical purposes:

1. Undertaking a situation analysis
2. Enhancing awareness or advocating for a policy option
3. Comparing alternative policies, programmes and projects
4. Identifying livelihood, development and investment opportunities
5. Designing environmental policy instruments
6. Tackling environmental conflicts

Insights from practical experience:

Analysis of 19 ecosystem service assessments for different purposes

Download this project report at: www.aboutvalues.net



Option 1: Invest in scoping & framing prior to ESAV



How the customer
explained it



How the project leader
understood it



How the engineer
designed it



How the programmer
wrote it



What the customer
really needed



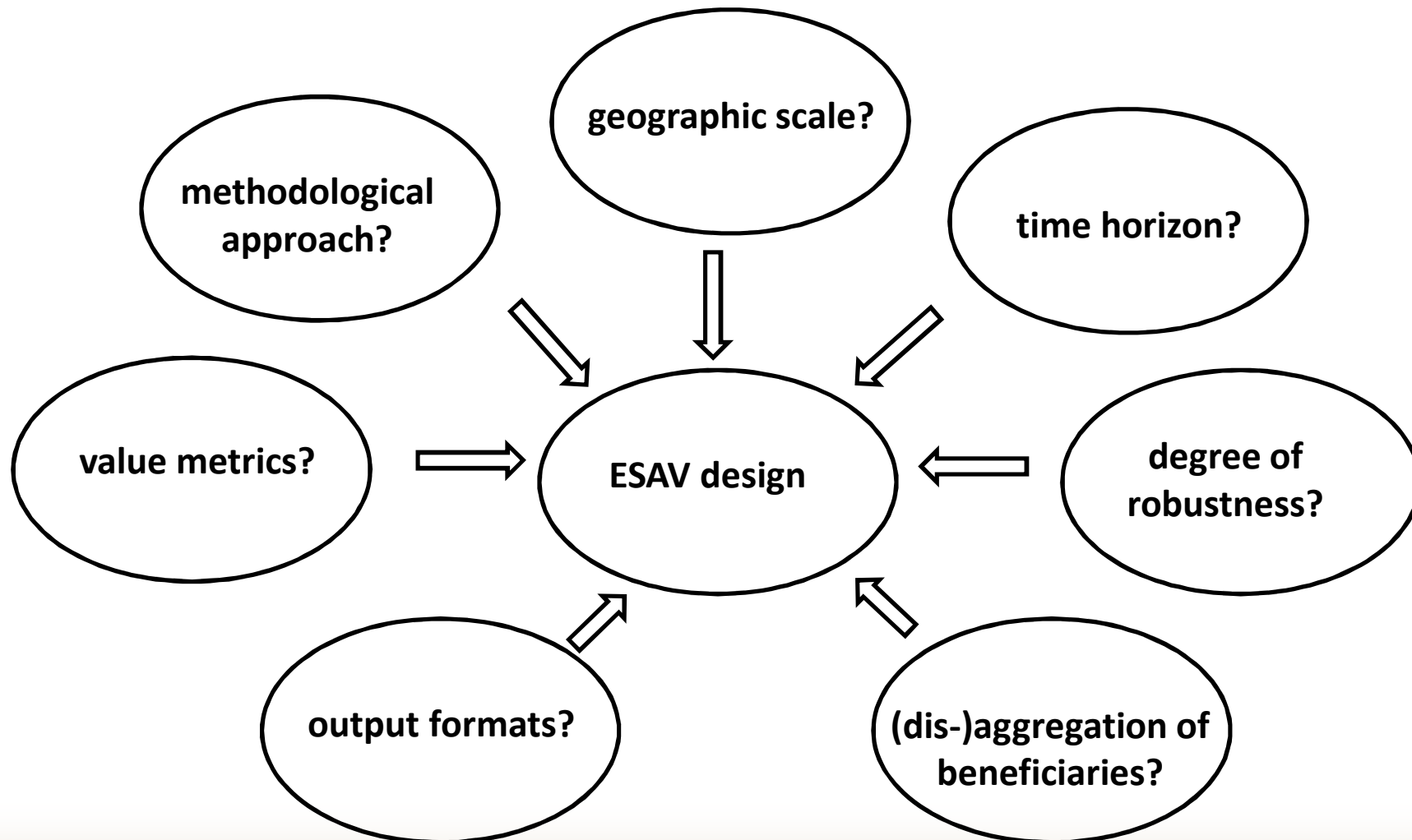
Scoping is critical for understanding what is needed:

1. What is the issue or problem?
2. What is the purpose of the ESAV?
3. What is the context?
4. How will results be used?

→ Develop a useful and feasible assessment question.

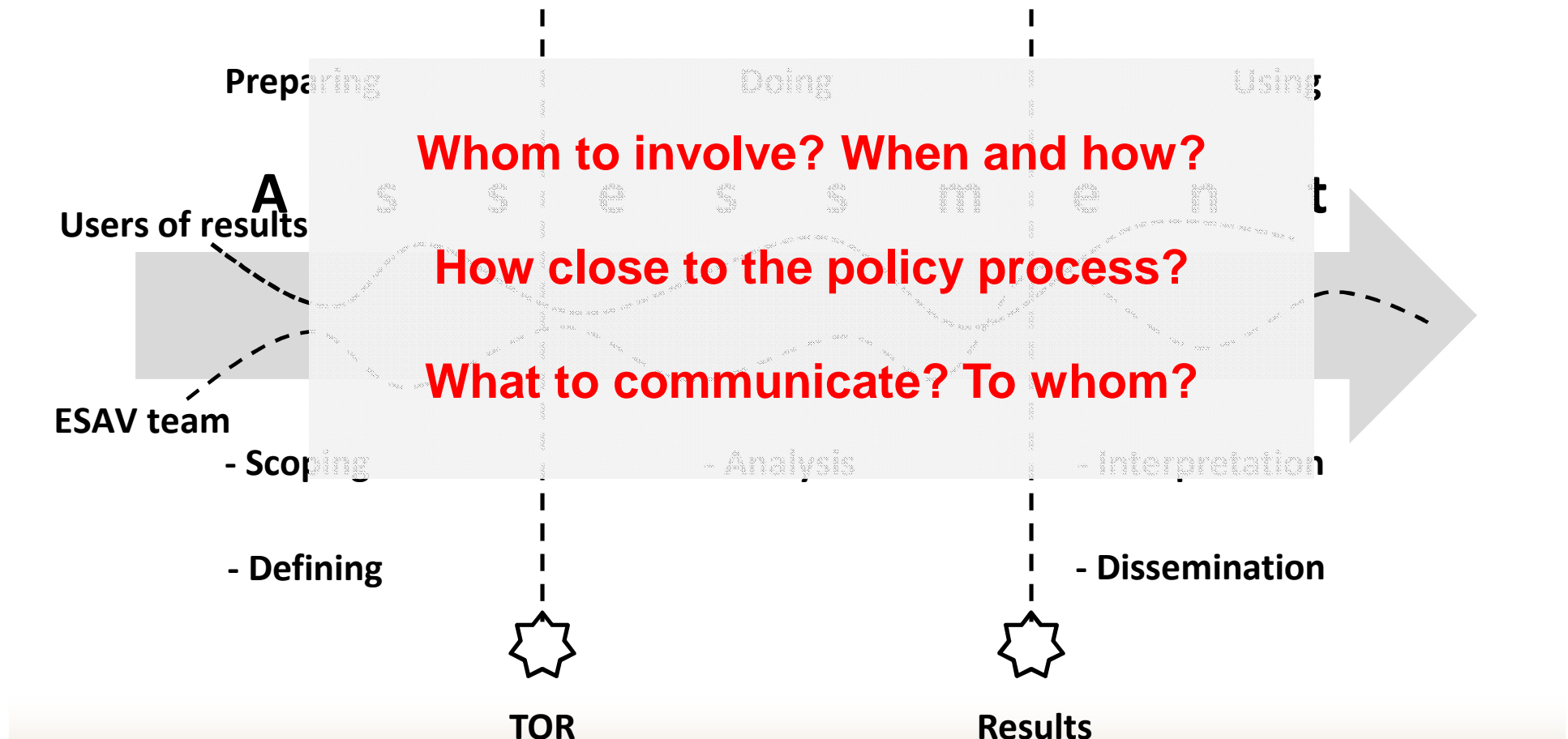


Option 2: Choose appropriate ESAV design





Option 3: Manage the ESAV as a ‚social‘ process





ValuES Methods Navigator

How to choose suitable assessment methods?

- Overview and description of **more than 65 methods and instruments** for ESAV
- Information on **institutions** and **experts** behind the different methods
- **Criteria** for the **selection** of methods: Purpose of an analysis, ESS-types and policy area
- Recommendations for **design** and **implementation** of ESAV
- **Case studies** on successful applications



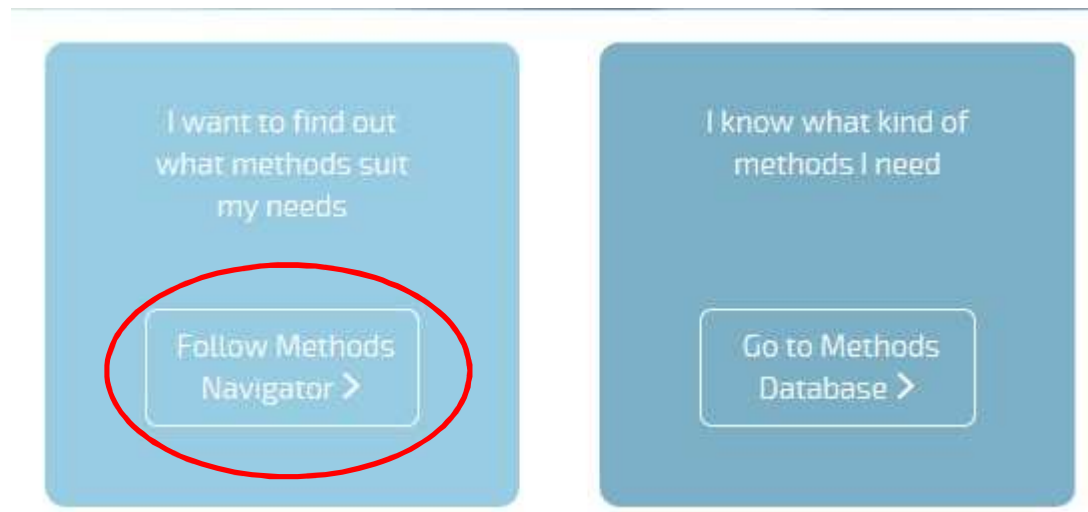
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Methods Navigators





(3) Choose database and policy area



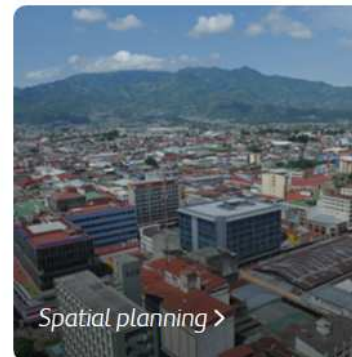
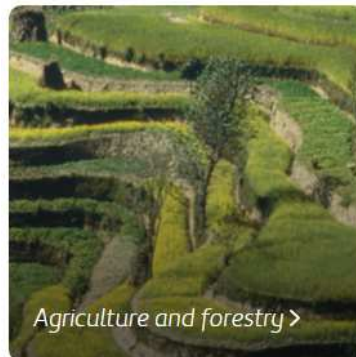
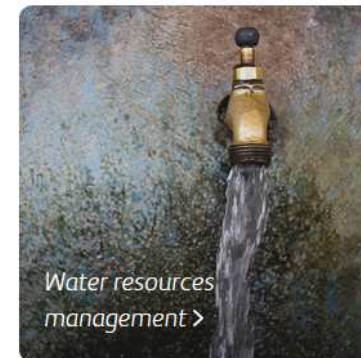


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(3) Choose database and policy area



Follow one of the themes which comes close to your area of work.
Naturally, there is some overlap between them.



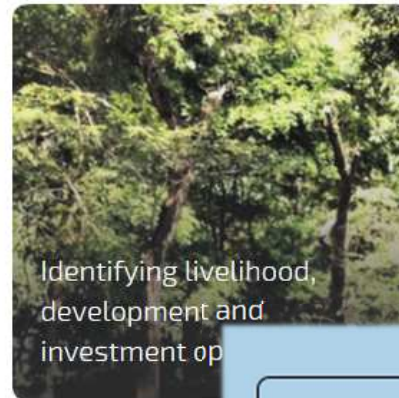
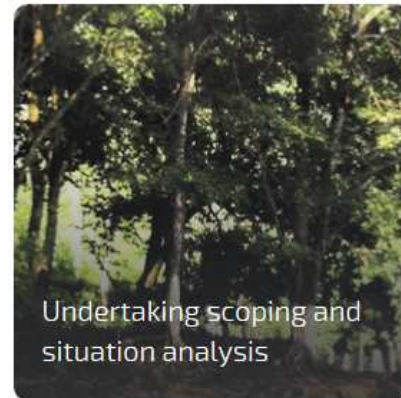


(4) Choose purpose of your assessment



Follow one of the purposes which best reflect your aims.



Most methods work for various purposes - but not all are appropriate. Check top tips and examples in Step 3. You can also switch between purposes in the Methods Database - again, there is some overlap.



Proceed to Database >



(5) Choose type of method regarding the type of assessment

Purposes 1 	Type of Method 
<input type="checkbox"/> Tools for scoping ecosystem services	<input type="checkbox"/> 1. Biophysical assessment methods
<input type="checkbox"/> Tools for understanding socio-economic context	<input type="checkbox"/> 2. Monetary valuation methods
<input type="checkbox"/> Tools for understanding ecological context	<input type="checkbox"/> 3. Social valuation methods
<input type="checkbox"/> Complementary tools	<input type="checkbox"/> 4. Frameworks and models for decision support



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(6) Chose type of ES to be assessed

Purposes 1

Type of Method 1

Ecosystem Services 1

Reset Filters

If you select more than one ecosystem service, only methods will be displayed that are applicable to all selected services

Provisioning Services

Regulating Services

Habitat or Supporting Services

Cultural Ecosystem Services

☒ Food

☐ Raw materials & ornamental species

☐ Fresh water

☐ Medicinal resources



(7) Receive an overview of the methods selected

Choice experiments - choice modelling

MIMES

Short Description

The state of ecosystems is essential for the provision of ecosystem services. This profile describes the transect walk method for initial reconnaissance and screening of ecosystem conditions. The method focuses on landscape features in arid areas (drylands) which are indicative of the ecosystem's condition. Together with key informants, such a guided transect walk allows to assess the respective ecosystem in a qualitative way. Assessed aspects include land use types, degradation and resource status. This provides critical information on the ecological context for an in-depth ecosystem assessment. The method can also be applied for gathering information about the ability of an ecosystem to provide certain ecosystem services, such as food or carbon sequestration.

[Download PDF](#) 0.16 MB

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How can TEEB studies contribute to mainstreaming?



ValuES Methods for integrating ecosystem services into policy, planning, and practice

