www.freshwaterbiodiversity.eu

www.refresh.ucl.ac.uk

Water Lives: scientific horizons for biodiversity and water policy

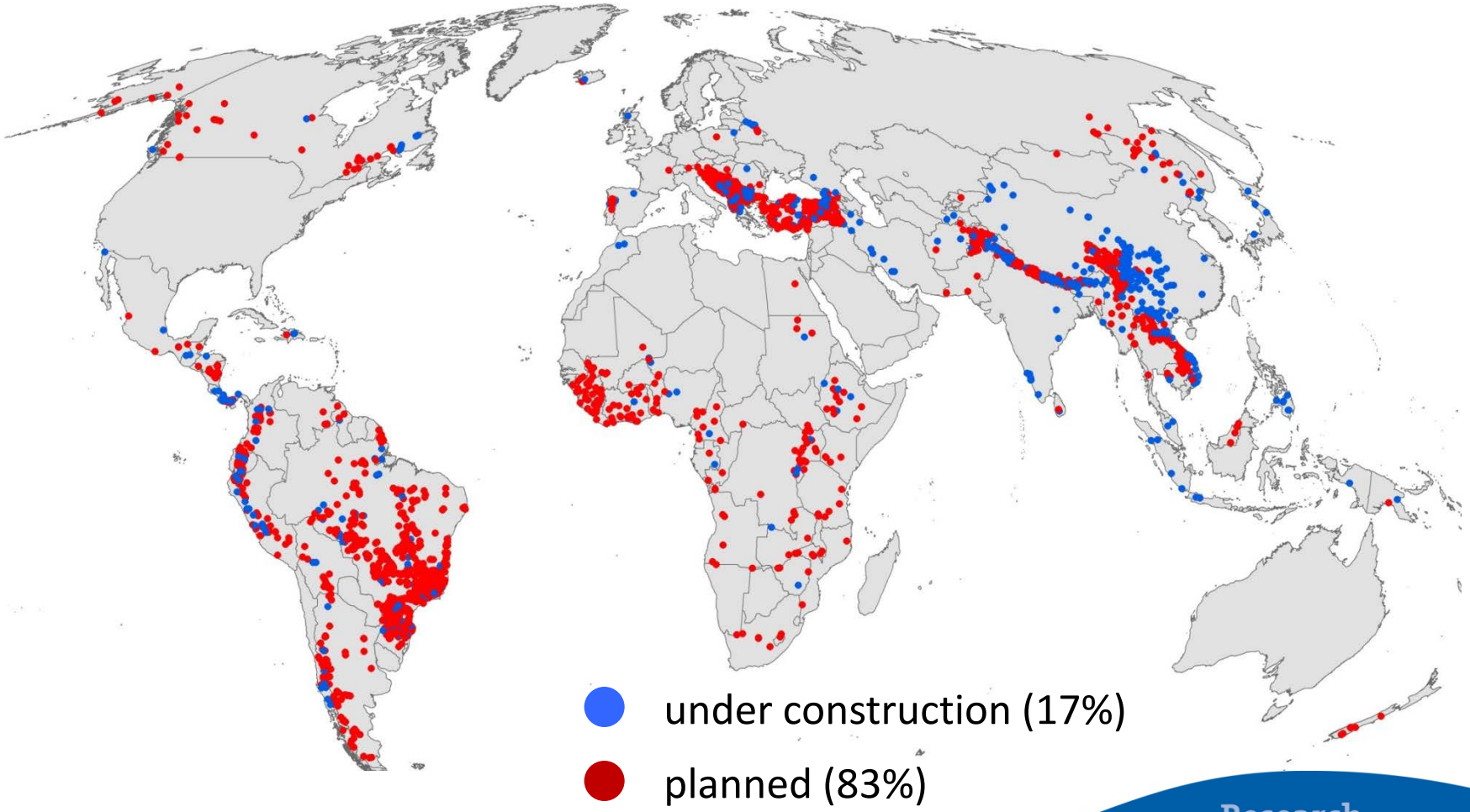
A SCIENCE POLICY SYMPOSIUM for Freshwater Life

Royal Belgian Institute of Natural Sciences
Brussels, Belgium
29-30 January 2014

BioFresh (Co. 226874) and REFRESH (Co.244121) are funded by the European Commission under the 7th Framework Programme

Global boom in hydropower dam construction

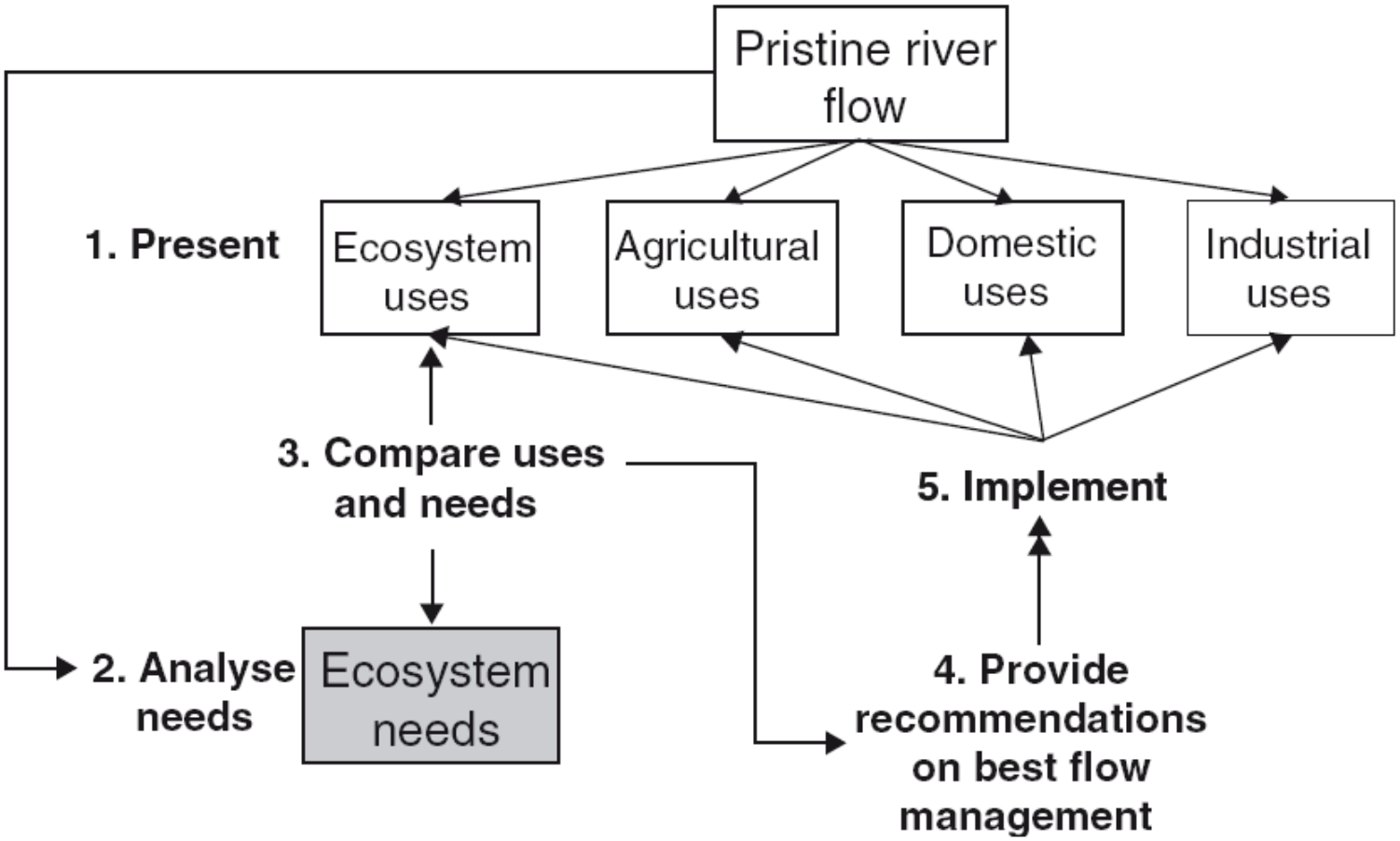
(Zarfl, Lumsdon, Tydecks, Berlekamp, Tockner. In progess)



IGB

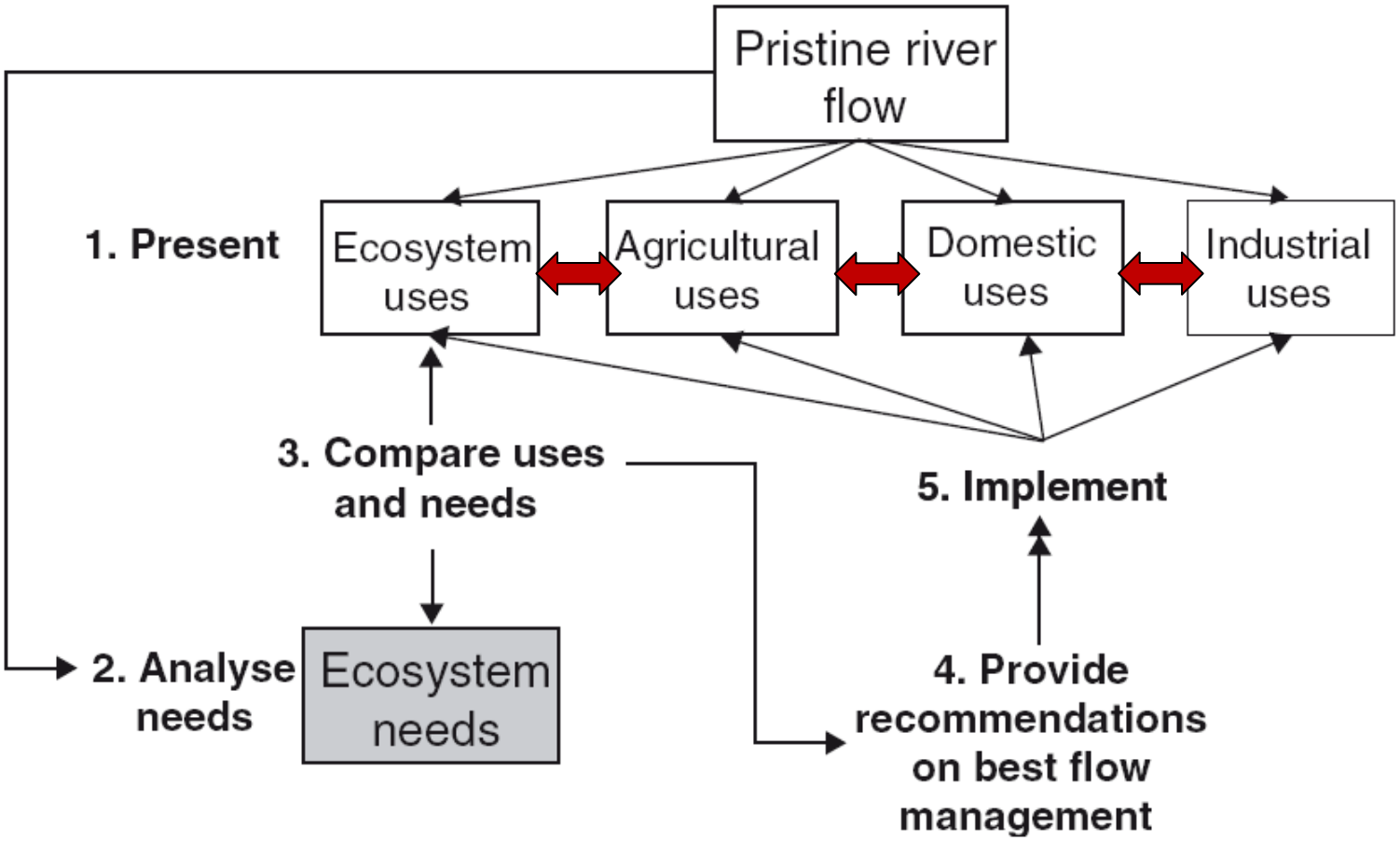
Research
for the **future**
of our **freshwaters**

Adaptive management to allocate water for ecosystems



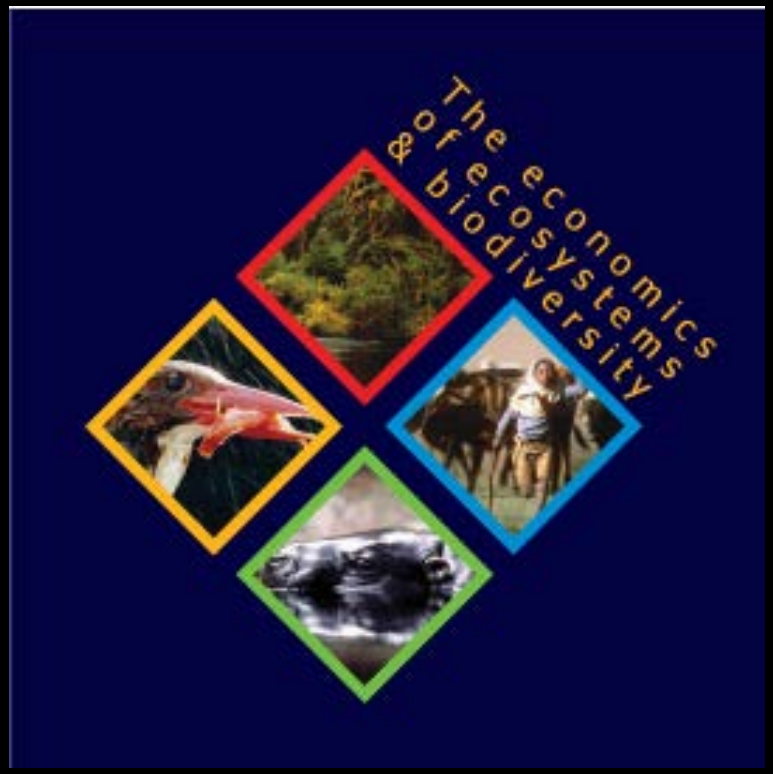
Adaptive management to allocate water for ecosystems

From trade-offs to synergies



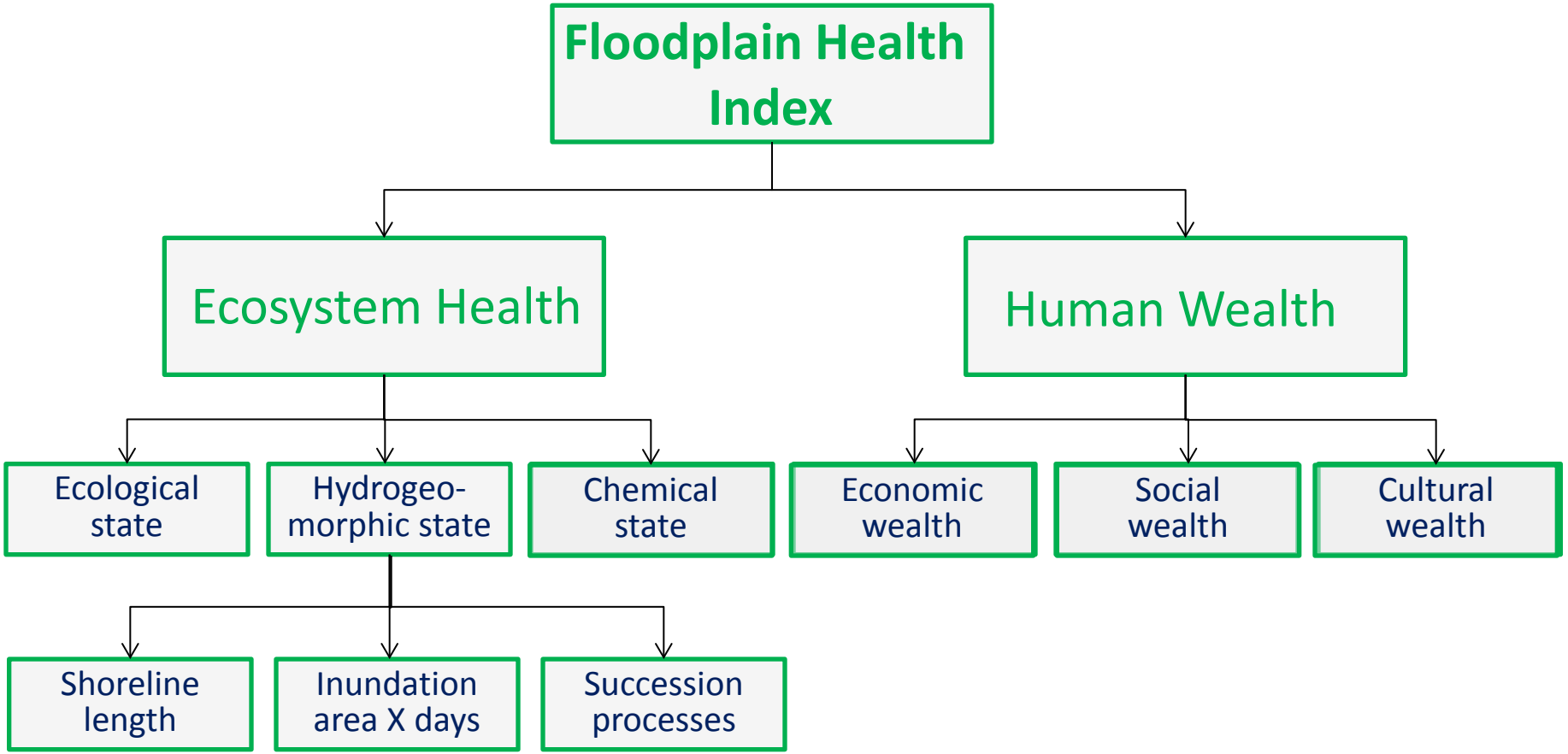
Intergovernmental Platform on Biodiversity & Ecosystem Services

ipbes



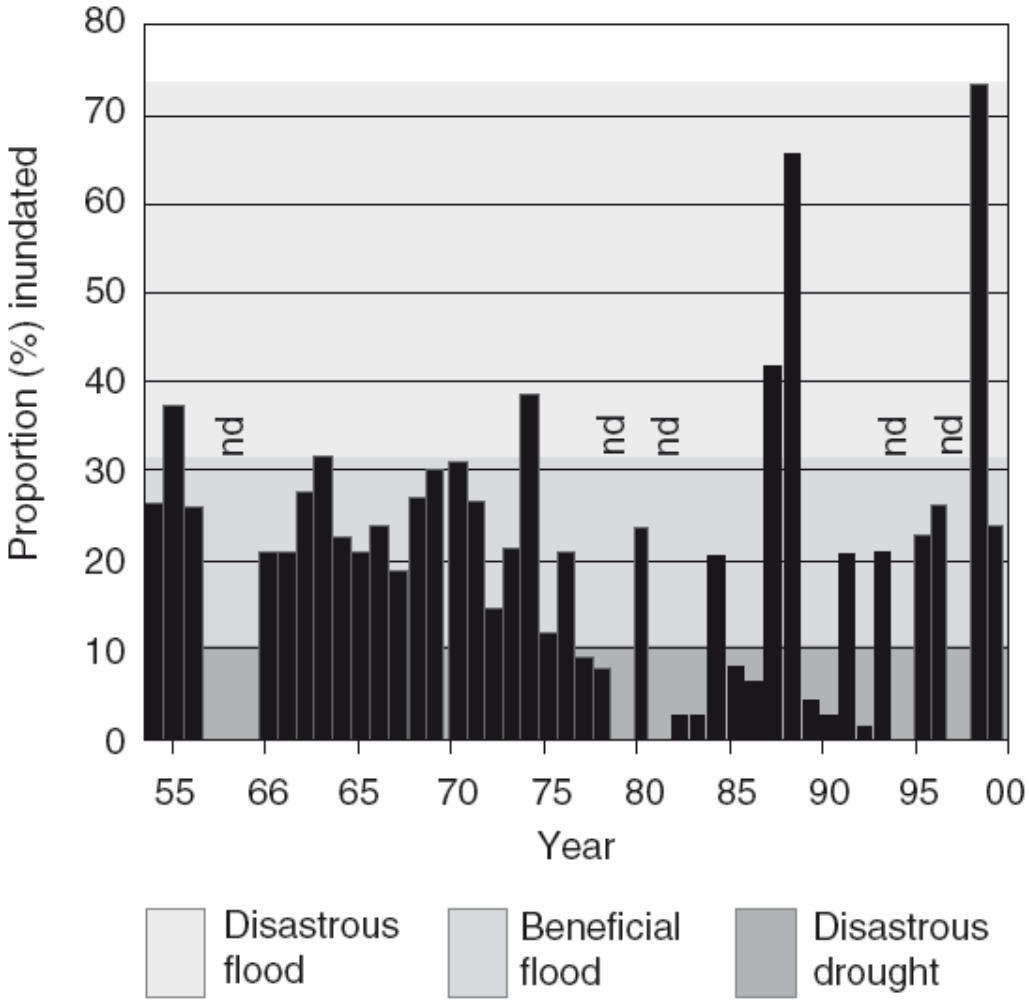
The biodiversity-ecosystem service dilemma

Managing freshwaters as coupled social-ecological systems



Bangladesh: The double-edged face of floods

(Data: Mirza 2003)



IGB

Research for the future of our freshwaters

ENVIRONMENTAL SCIENCE & POLICY 17 (2012) 41–48

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journal homepage: www.elsevier.com/locate/envsci

Obstacles to data access for research related to climate and water: Implications for science and EU policy-making

Martin Beniston [a], *Markus Stoffel* [a,*], *Richard Harding* [b], *Martin Kernan* [c], *Ralf Ludwig* [d], *Eddy Moors* [e], *Paul Samuels* [f], *Klement Tockner* [g]

Biodiversity research – A distorted view

	Publications	%
USA	16033	28.4
UK	6591	11.7
Australia	4695	8.5
Germany	4335	7.9
France	4115	7.3
Canada	3667	6.5
Spain	3033	5.4
Italy	2810	5.0
Netherlands	2132	3.8
Switzerland	1755	3.2
Sweden	1690	3.2
Summ	**50856**	**91.9**

Biodiversity research – A distorted view

	Publications	%
Indonesia	364	0.6
Colombia	330	0.5
Tanzania	192	0.3
Ecuador	164	0.2
Sudan	8	0.01
Angola	2	<0.01

The BioFresh information platform

BioFresh Platform – The Network for Global Freshwater Biodiversity

Welcome to the
Biofresh Platform
The network for global freshwater biodiversity

BIOFRESH PROJECT

Biofresh
Research Project

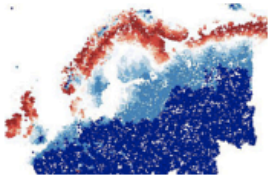
BIOFRESH DATA PORTAL

Distribution of
Freshwater Species

BIOFRESH ATLAS

Global Freshwater
Biodiversity Atlas

BIOFRESH RESOURCES



Research, Policy,
Education & Media Resources

BIOFRESH BLOG

Science, Policy &
Conservation Blog

WELCOME TO BIOFRESH – THE GLOBAL FRESHWATER BIODIVERSITY INFORMATION PLATFORM

Discover

- Science-policy information
- Species distribution data
- Biodiversity tools and models
- Maps and visualisations
- Who has what data (metadata)
- An engaging blog on the science, policy and enjoyment of freshwater life
- A online cabinet of freshwater curiosities

Introducing the BioFresh platform – a new community information resource

We offer a collection of resources and tools to support better science, policy and management of freshwater life. Whether you are a scientist, a policy maker, consultant, educator, activist or simply an interested citizen you are sure to find something on the platform that will enhance your work and impact or feed your curiosity. This may be a database, a species distribution map, a thoughtful article, an online training manual or an idea prompted by engaging with this knowledge product. Take a few moments to explore the platform and find what is useful to you.

This is a dynamic platform. If you have data, maps or other information to contribute please get in touch. If there is something important missing let us know at freshwaterbiodiversity@igb-berlin.de. We will be adding new content so please bookmark the site and visit again.

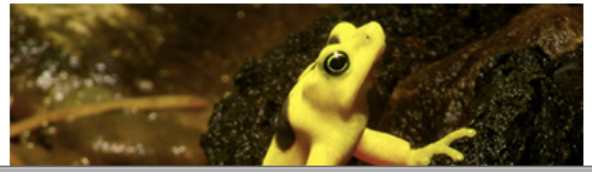
NEWS FROM THE WORLD OF BIOFRESH

BioFresh and Refresh organise a "*Science Policy Symposium for Freshwater Life*" on 29-30 January 2014 in Brussels.
Get more information and all the details on www.waterlives.eu

In parallel with the Water Lives Science-Policy Symposium **the Global Freshwater Biodiversity Atlas will be launched online!** From this day on no login will be required.

BioFresh Newsletter No.7 out now: read newsletter

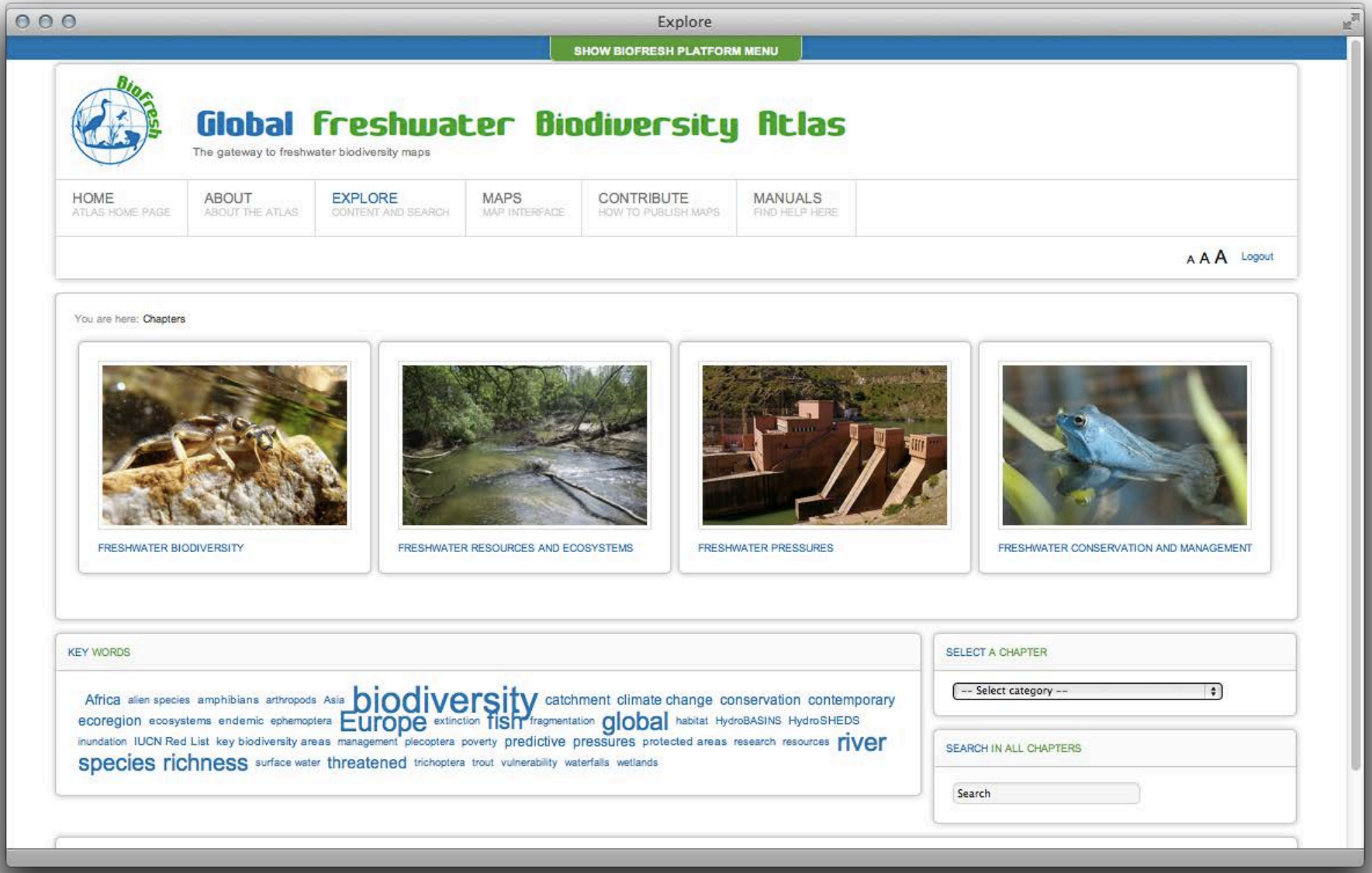
CURIOUS FRESHWATER LIFE



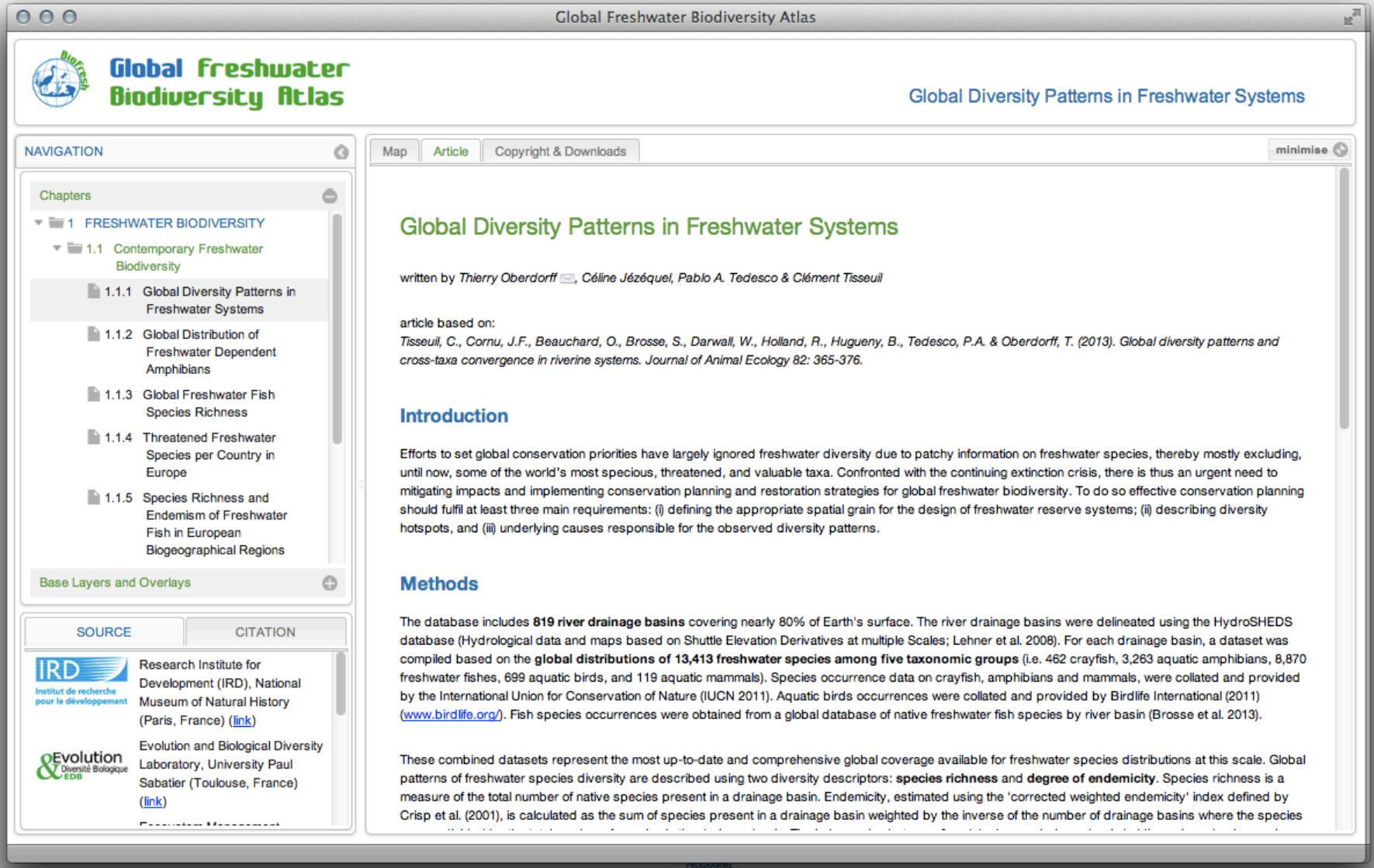
Global Freshwater Biodiversity Atlas

- **Aims**
  - **comprehensive map collection** representative of current/future state of freshwater biodiversity
  - improve **discoverability**, **visibility** and **accessibility** of freshwater biodiversity related spatial information
  - support **decision-making** and **policy development** through visualization of major research results
- **Features**
  - interactive map interface
  - maps created as web map services (WMS)
  - detailed information on features
  - accompanying article
  - info on source, publication, base layers and citation
  - link back to map contributors, increase visibility
- **highly collaborative initiative**

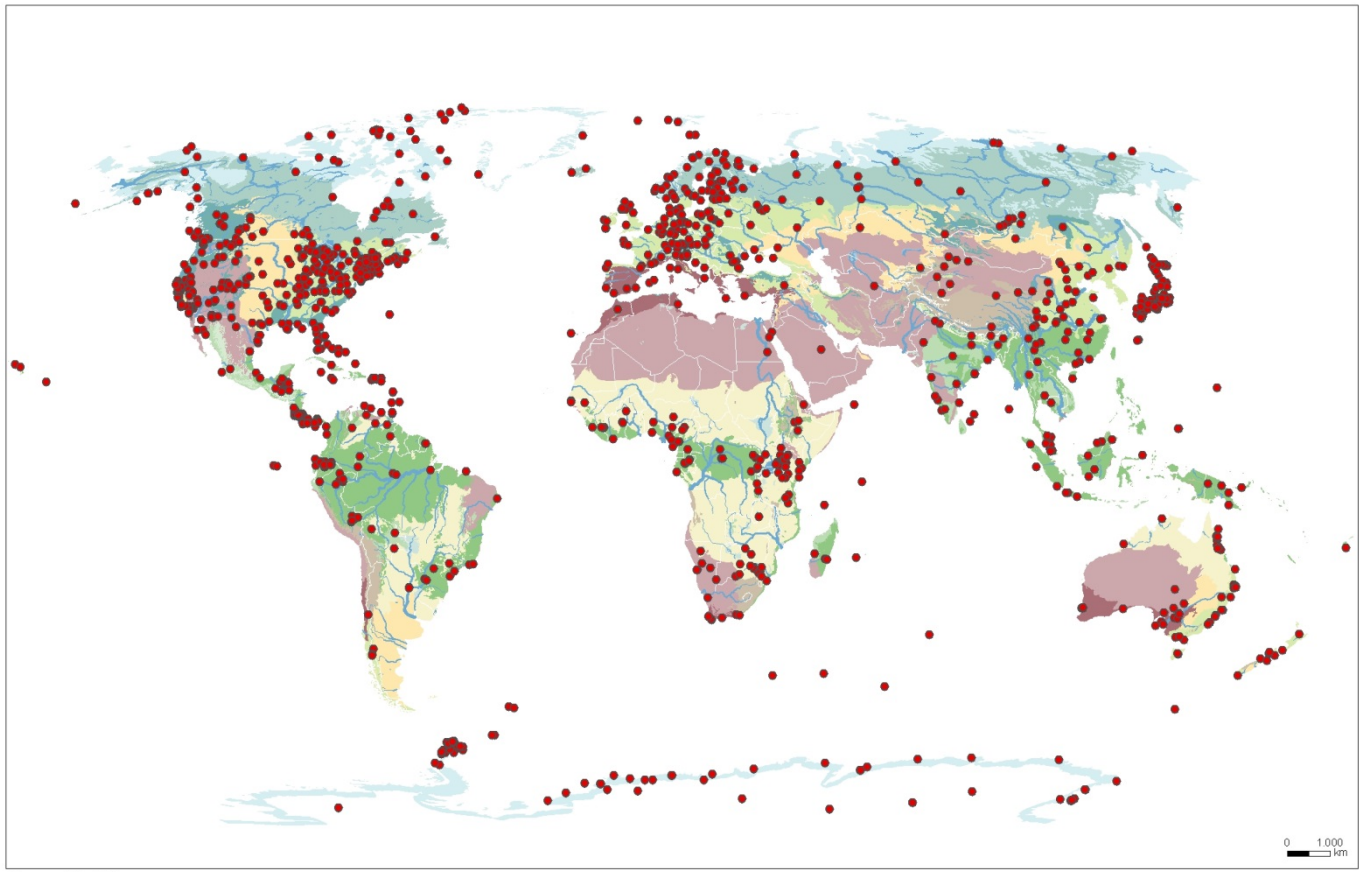
Global Freshwater Biodiversity Atlas



Global Freshwater Biodiversity Atlas



Global Database of Biological Field Stations



BioFresh Co. 226874

SEVENTH FRAMEWORK PROGRAMME

(Tockner, Jentschk, Bremerich, Tydecks, Likens)

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