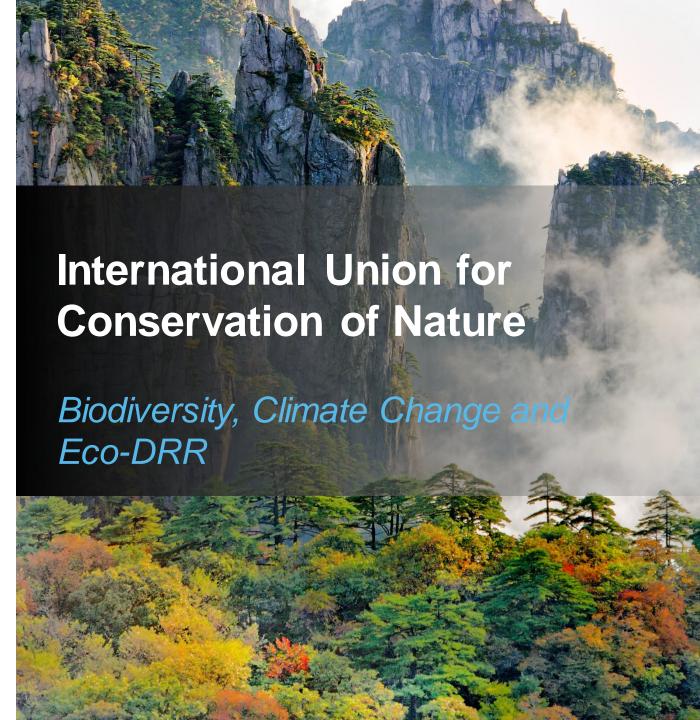


Gretchen Walters, PhD Advisor, Nature-based Solutions





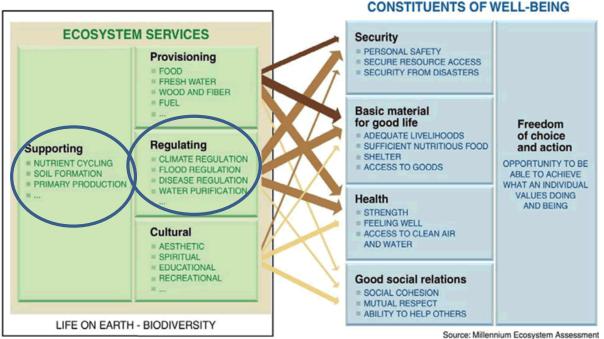
#### **Evolution of Conservation**

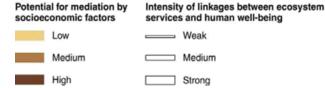
Rough timeline	Framing of conservation	Key ideas	Science underpinning
	Nature for itself	Species Wilderness Protected areas	Species, habitats and wildlife ecology
	Nature despite people	Extinction, threats and threatened species Habitat loss Pollution Overexploitation	Population biology, natural resource management





#### Millennium Ecosystem Assessment ... the foundation of NBS





ARROW'S WIDTH

ARROW'S COLOR







#### Relevance of Conservation?

## EXTENDING CONSERVATION'S REACH AND RELEVANCE

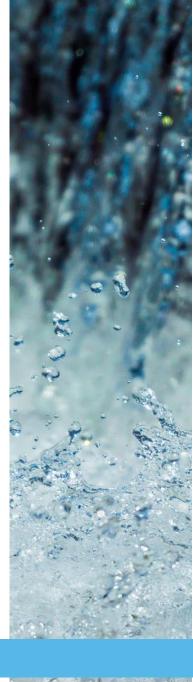
Addressing drivers of loss of species and species habitat

Safeguarding species

Resolving pressing societal problems and challenges

Safeguarding people

Conservation norms and science



INTERNATIONAL UNION FOR CONSERVATION OF NATURE



### Defining our work

Actions to protect, manage and restore natural or modified ecosystems, which address societal challenges\*, effectively and adaptively, providing human wellbeing and biodiversity benefits.



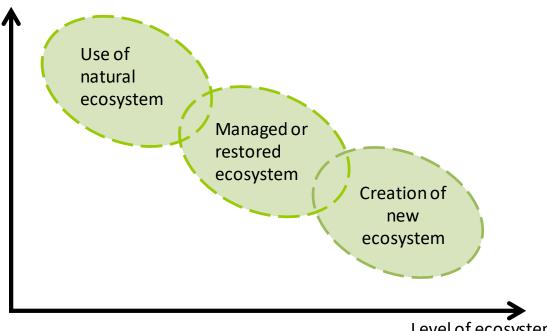




Level of ecological complexity

Or

Maximisation of ecosystem services bundles



Level of ecosystem engineering

Adapted from Eggermont, H. et al. 2015. "Nature-Based Solutions: New Influence for Environmental Management and Research in Europe." GAIA - Ecological Perspectives for Science and Society 24 (4): 243–48.



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#### **Achieving Scale**

- Cost Effectiveness
- Leveraging multiple benefits
- Integrated Approaches
- Accelerate implementation through policy coordination

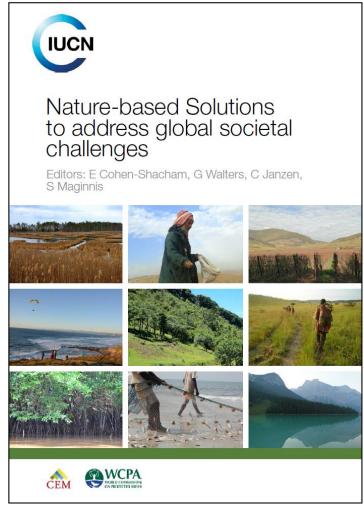




# Wikipedia page and NbS Report



https://en.wikipedia.org/wiki/Nature
Based Solutions



https://portals.iucn.org/library/node/46191