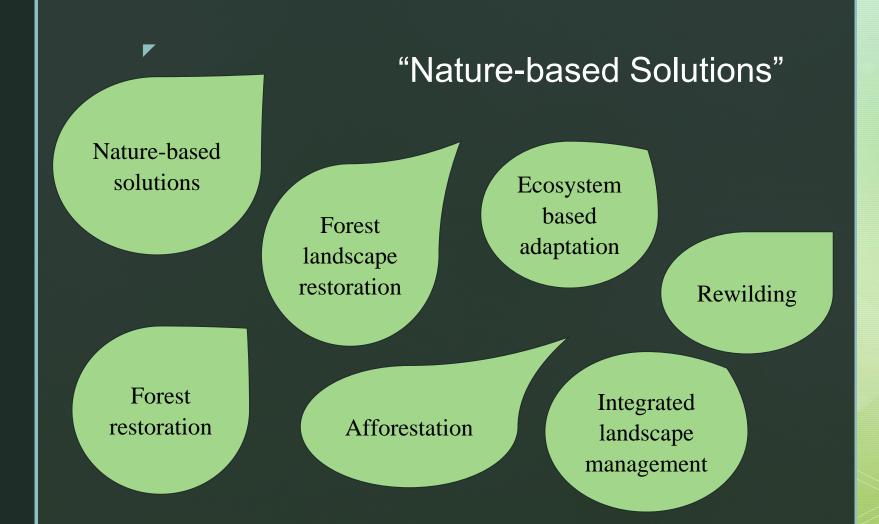
IUFRO Task Force Transforming Forest Landscapes for Future Climates and Human Wellbeing

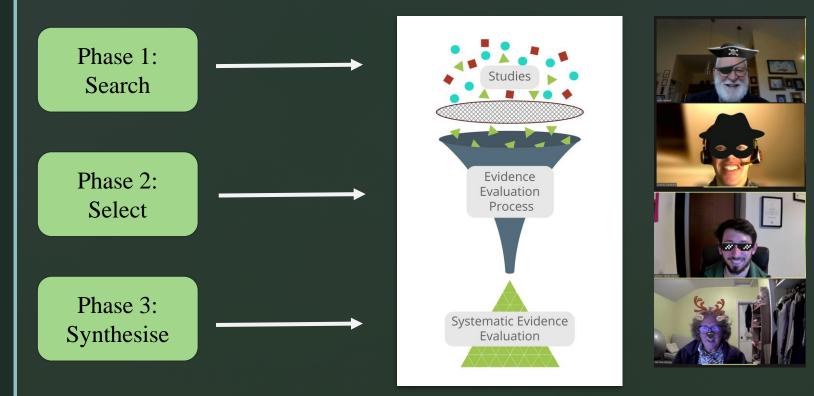
Forest Related Nature-Based Approaches

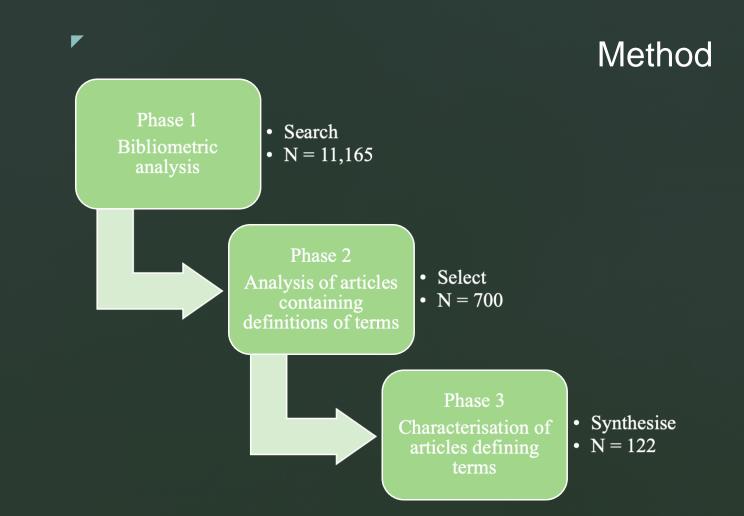
Review of Implementing Forest Related Nature-Based Approaches: From Afforestation to Forest Landscape Restoration

John A. Stanturf, William J. Harvey, Gillian Petrokofsky, András Darabant, Leo Petrokofsky, Shankar Adhikari, Gurveen Arora, Jan Bannister, Mercy Derkyi, Ernest Foli, Manuel R. Guariguata, Maria Laura Quevedo Fernandez, Alma L. Trujillo-Miranda, & Michael Kleine



Systematic Evidence Evaluation: IUFRO Collaboration





Phase 1 Analysis: First use of terms in research literature

Ecosystem

based

adaptation

1983

Nature based solutions 2009



Forest restoration 1970

Afforestatio n 1903

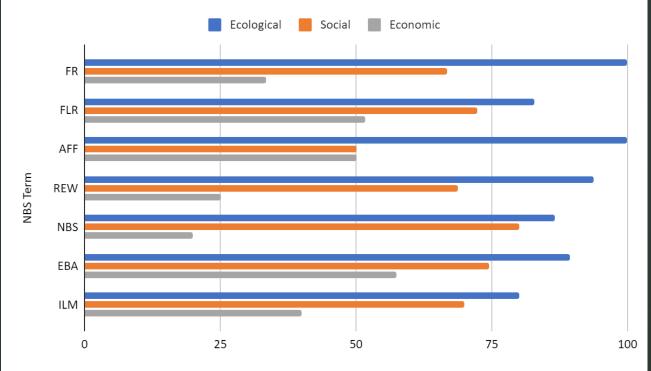
Integrated landscape management 1992

Rewilding

Phase 2 Analysis: Are authors defining their terms?

Term	Number of papers
Forest Restoration	3
Forest Landscape Restoration	29
Afforestation	2
Rewilding	16
Nature Based Solution	15
Ecosystem-Based Adaptation	47
Integrated Landscape Management	10

Phase 3 Analysis: Pillars of Sustainability

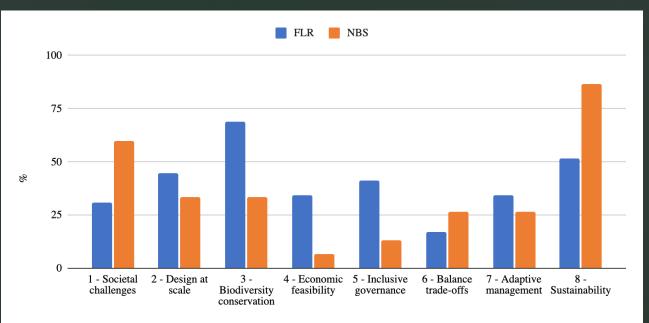


%

Phase 3 Analysis: Focus of Sustainability Impact

Focus of Sustainability Impact	FLR	REW	NBS	EBA
Adaptation	31	20	67	100
Biodiversity	75	100	67	91
Carbon sequestration and storage	25	0	100	36
Ecosystem services	81	60	67	91
Local people/communities	50	40	0	64
Indigenous people/communities	0	20	0	18
Land Degradation	56	40	0	27
Livelihoods	31	20	33	55
Other	13	0	33	9
Tenure	6	0	0	0
Wood production	6	0	0	0

Representation of the 8 NBS Principles



Term

Key Messages

Define your terms - "Say what you mean and mean what you say" (John Helms)

- Adherence to a specific definition of a nature-based approach is less important than emphasizing **expected outcomes**
- Design projects that are clear about the principles and standards of FLR/NBS approaches, and report them clearly
- Collaborative, cross-disciplinary team-work in IUFRO can rapidly mine and analyse our knowledge resources to explore huge contemporary challenges