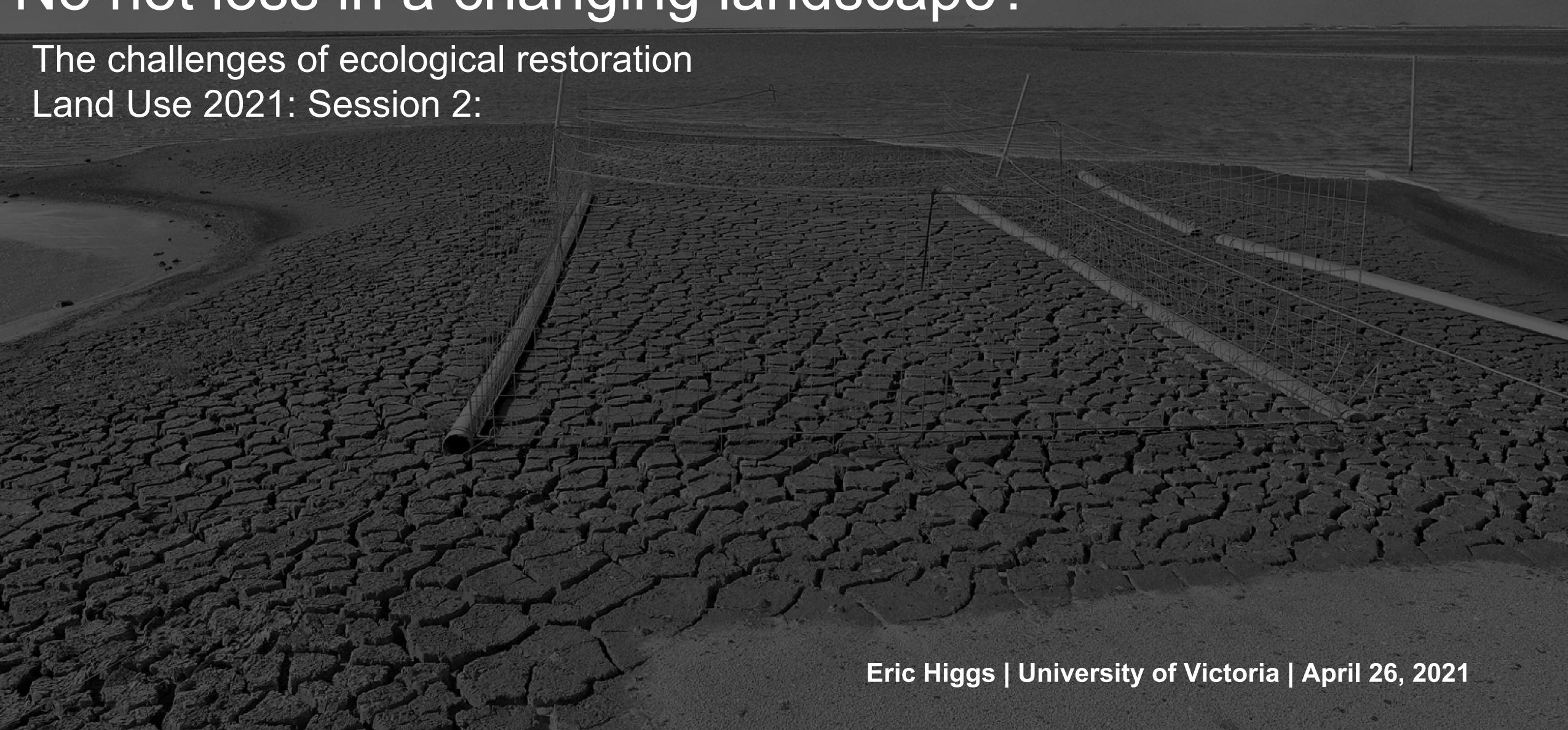
## No net loss in a changing landscape?









Who we are >

Where we work ~

What we do ~

Science & Data

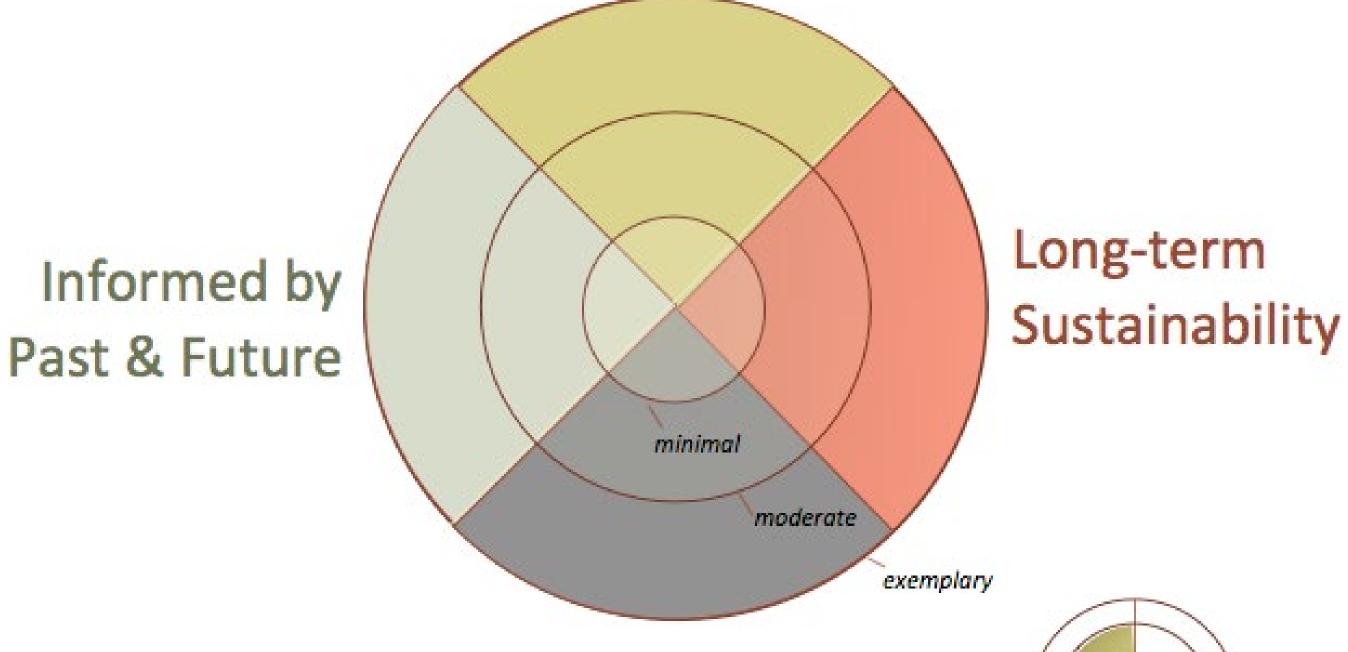




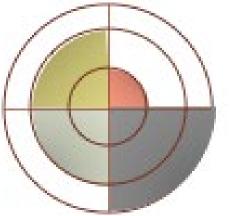
• The United Nations General Assembly declared 2021 - 2030 the UN Decade on Ecosystem

"the process of assisting the recovery of an ecosystem that is damaged, degraded, or destroyed."

-Society for Ecological Restoration



Benefits & Engages Society



INSIGHTS | PERSPECTIVES

## Committing to ecological restoration Efforts around the globe need legal and policy clarification

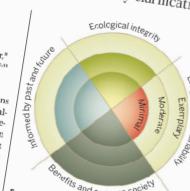
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Congo, Guaternala, and Colombia pledged to restore huge areas within their borders. In total, parties committed to restore a stagger

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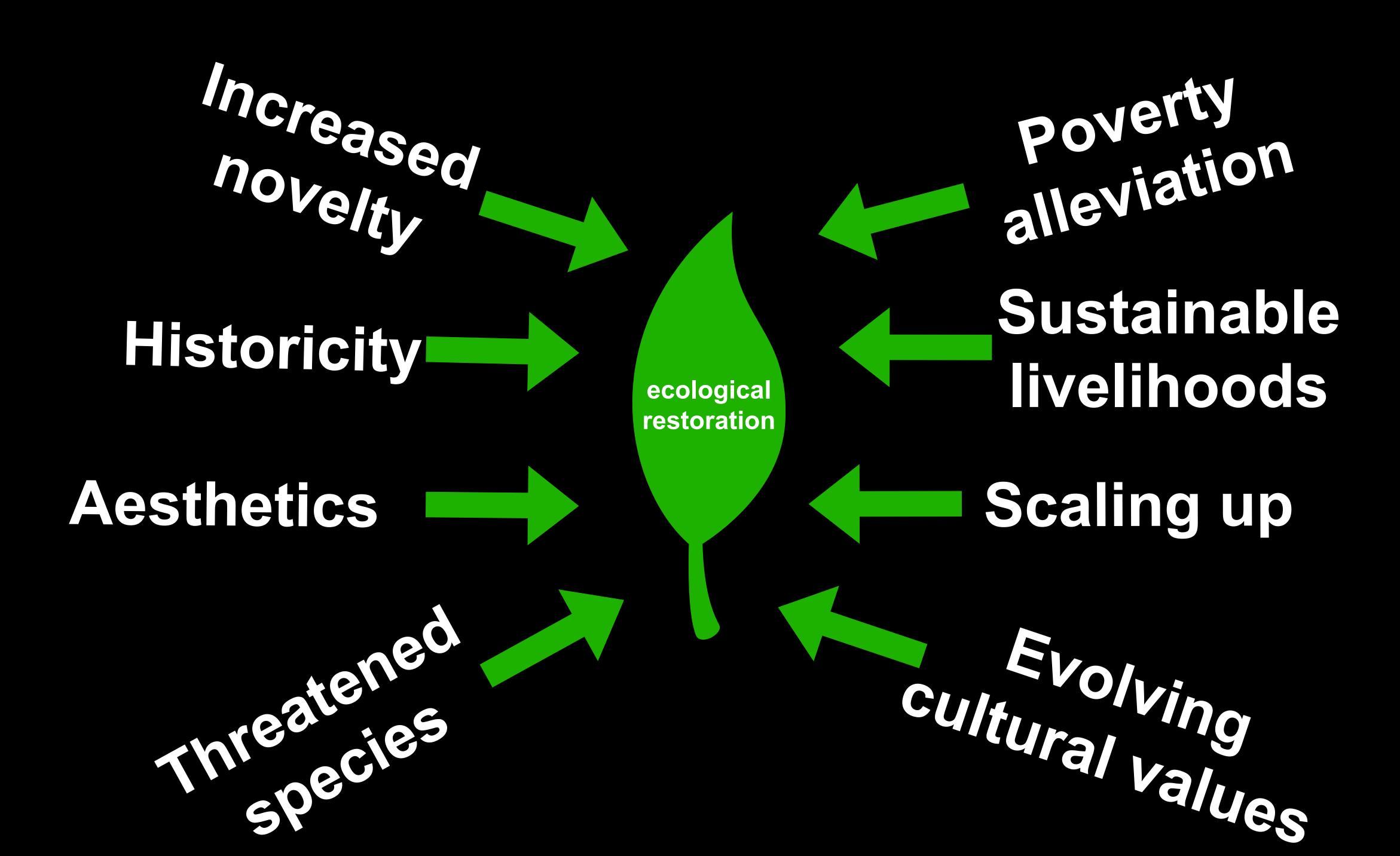
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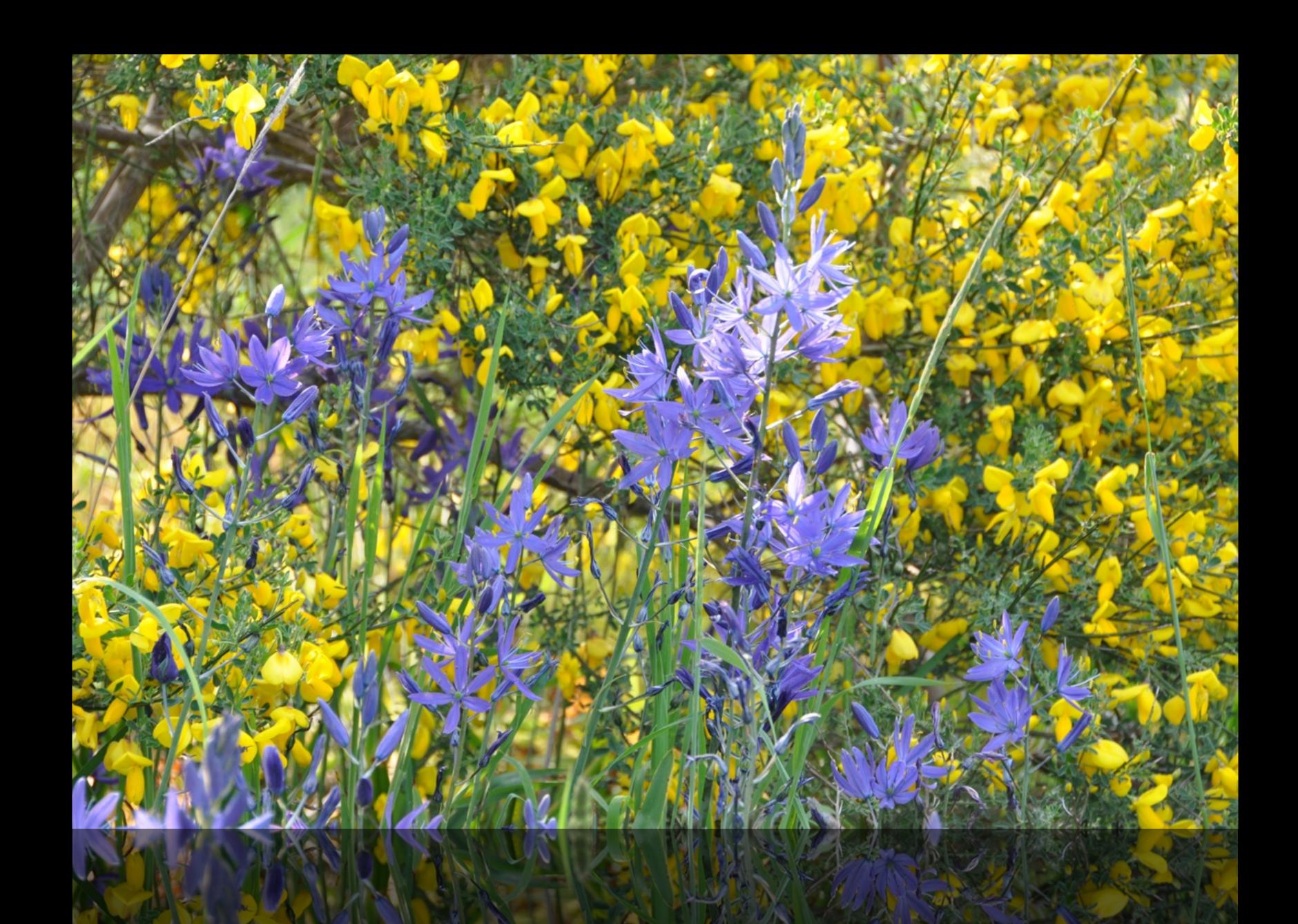
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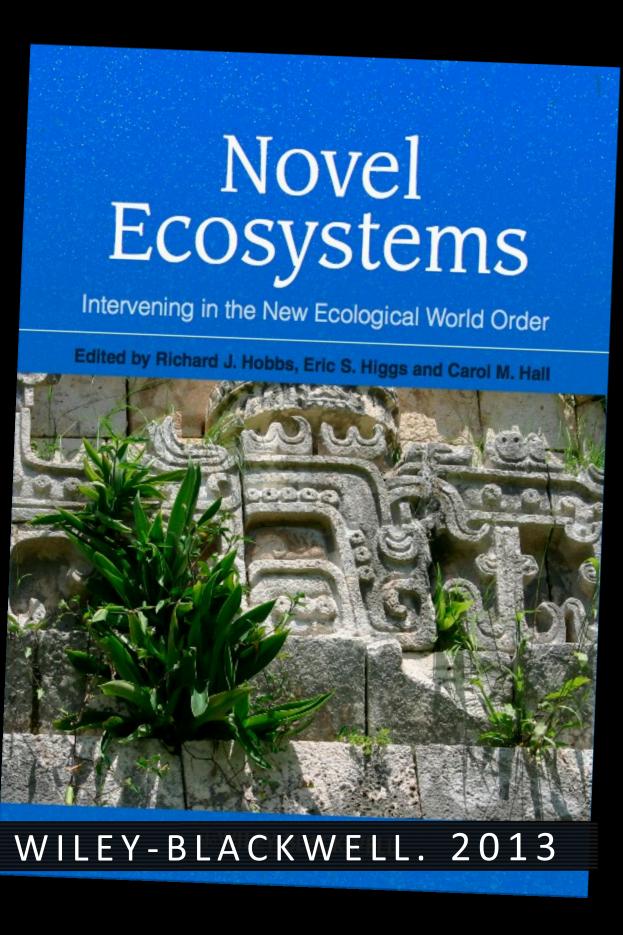
recovery of degraded areas by prioritizing





Higgs E, Falk D, Guerrini A, Hall M, Harris J, Hobbs R, Jackson S, Rhemtulla J, and Throop W. 2014. The changing role of history in restoration ecology. Frontiers in Ecology and the Environment.





- 1. **Difference** in ecosystem composition, structure or function
- 2. **Thresholds** in these attributes that are currently irreversible
- 3. Persistence or self-organization

Species reintroductions

ecological restoration

Forest Landscape restoration

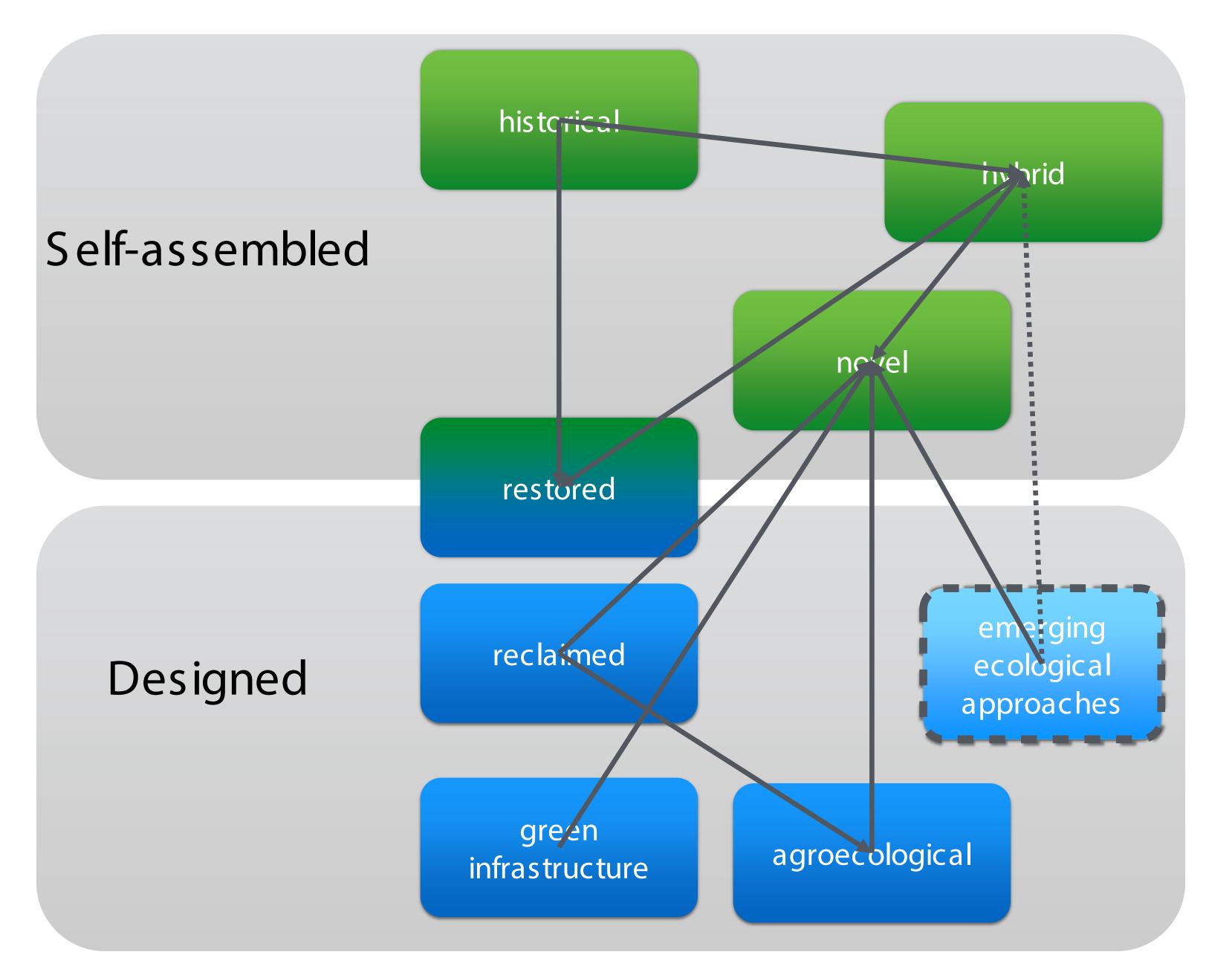
Bio-novelty.

Reclamation

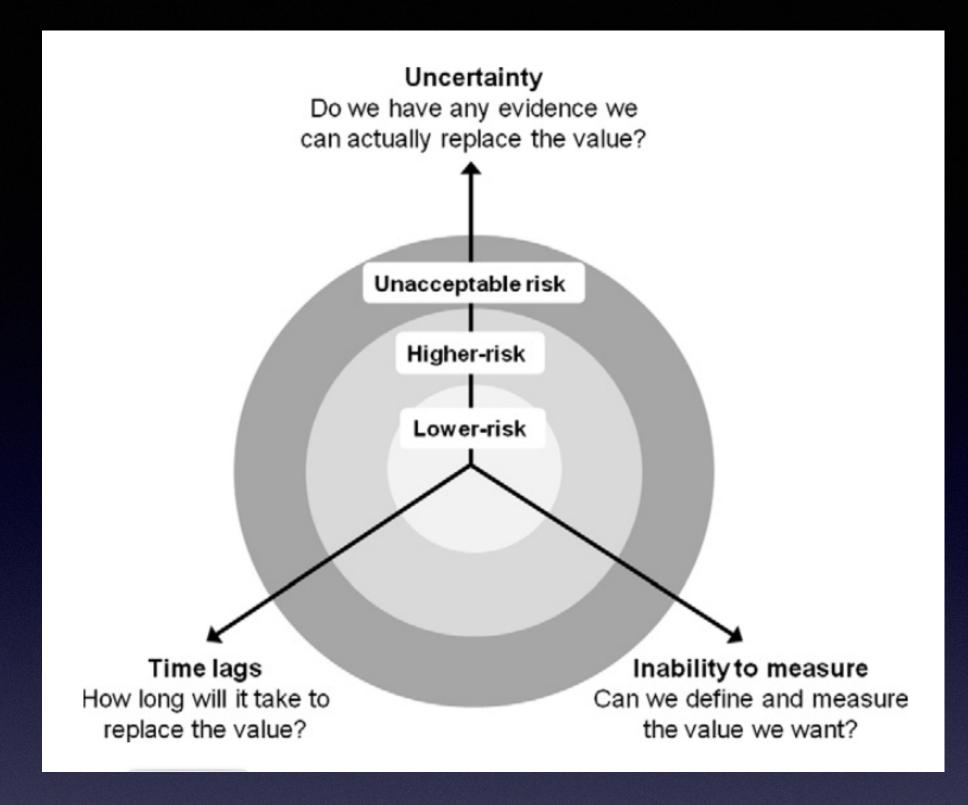
Rewilding





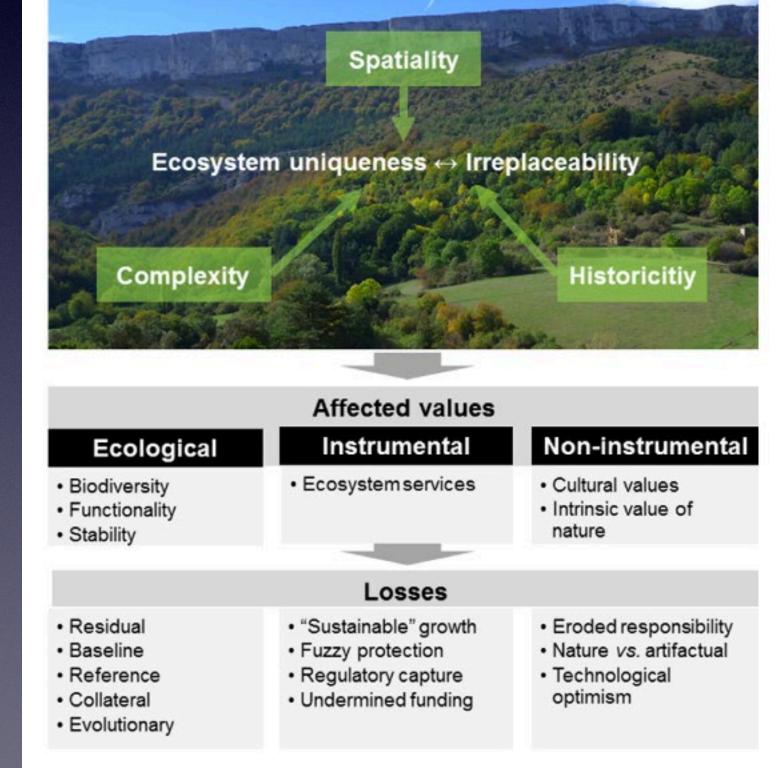


E.S. Higgs, 2017. Novel and designed ecosystems. Restoration Ecology. 25: 8-13



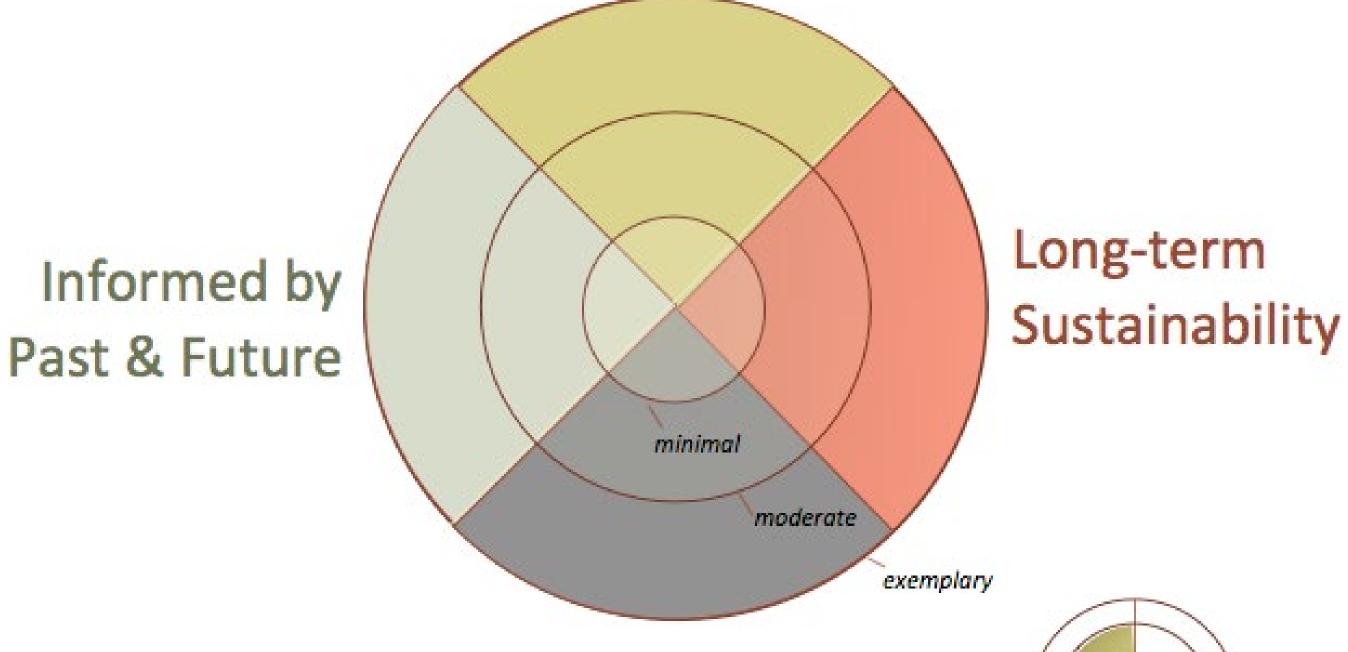
Maron, M., R. J. Hobbs, A. Moilanen, J. W. Matthews, K. Christie, T. A. Gardner, D. A. Keith, D. B. Lindenmayer, and C. A. McAlpine. 2012. Faustian bargains? Restoration realities in the context of biodiversity offset policies. Biological Conservation 155:141-148.

# Restoration ecologists are hard on biodiversity offsets and no-net loss.

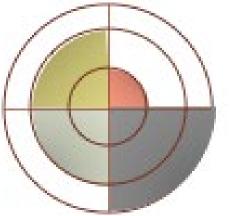


Moreno-Mateos, D., V. Maris, A. Béchet, and M. Curran. 2015. The true loss caused by biodiversity offsets. Biological Conservation 192:552-559.

Fig. 1. Losses of ecosystem values caused by biodiversity offsets as a consequence of their irreplaceability.



Benefits & Engages Society



INSIGHTS | PERSPECTIVES

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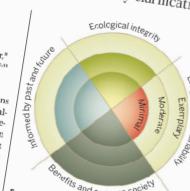
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