



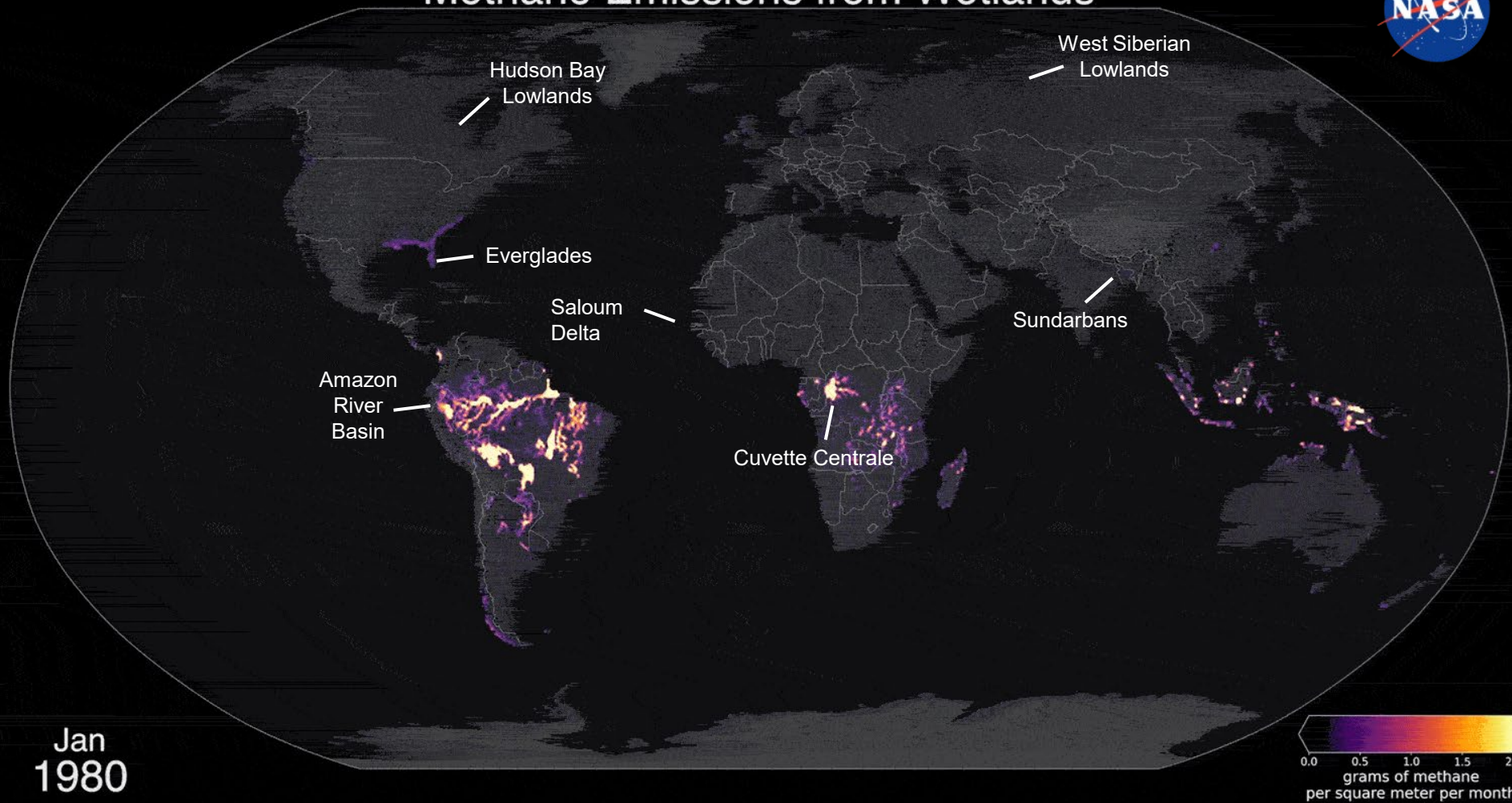
GEER

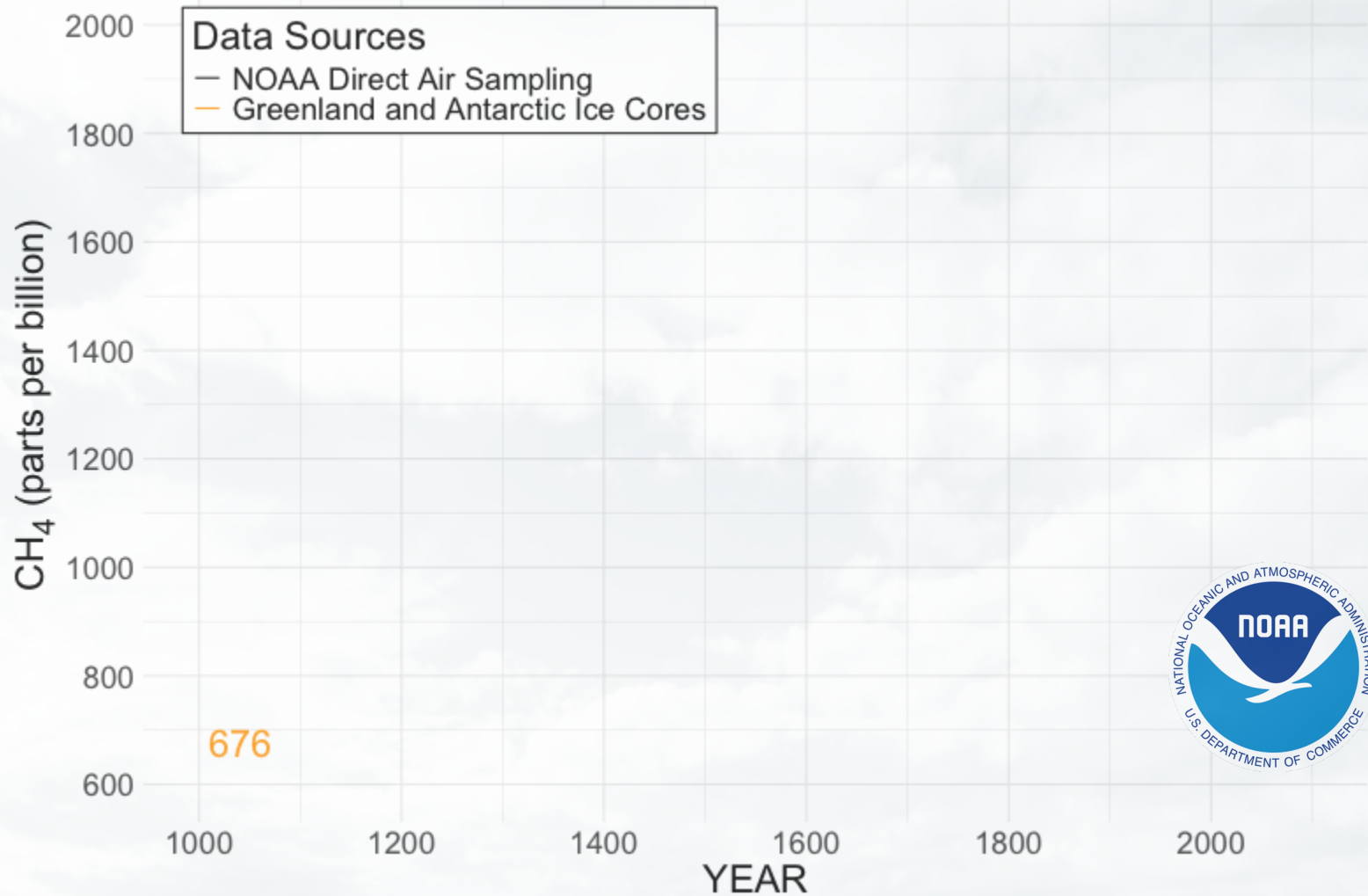
Greater Everglades Ecosystem Restoration

Wetlands Are Not the Villain

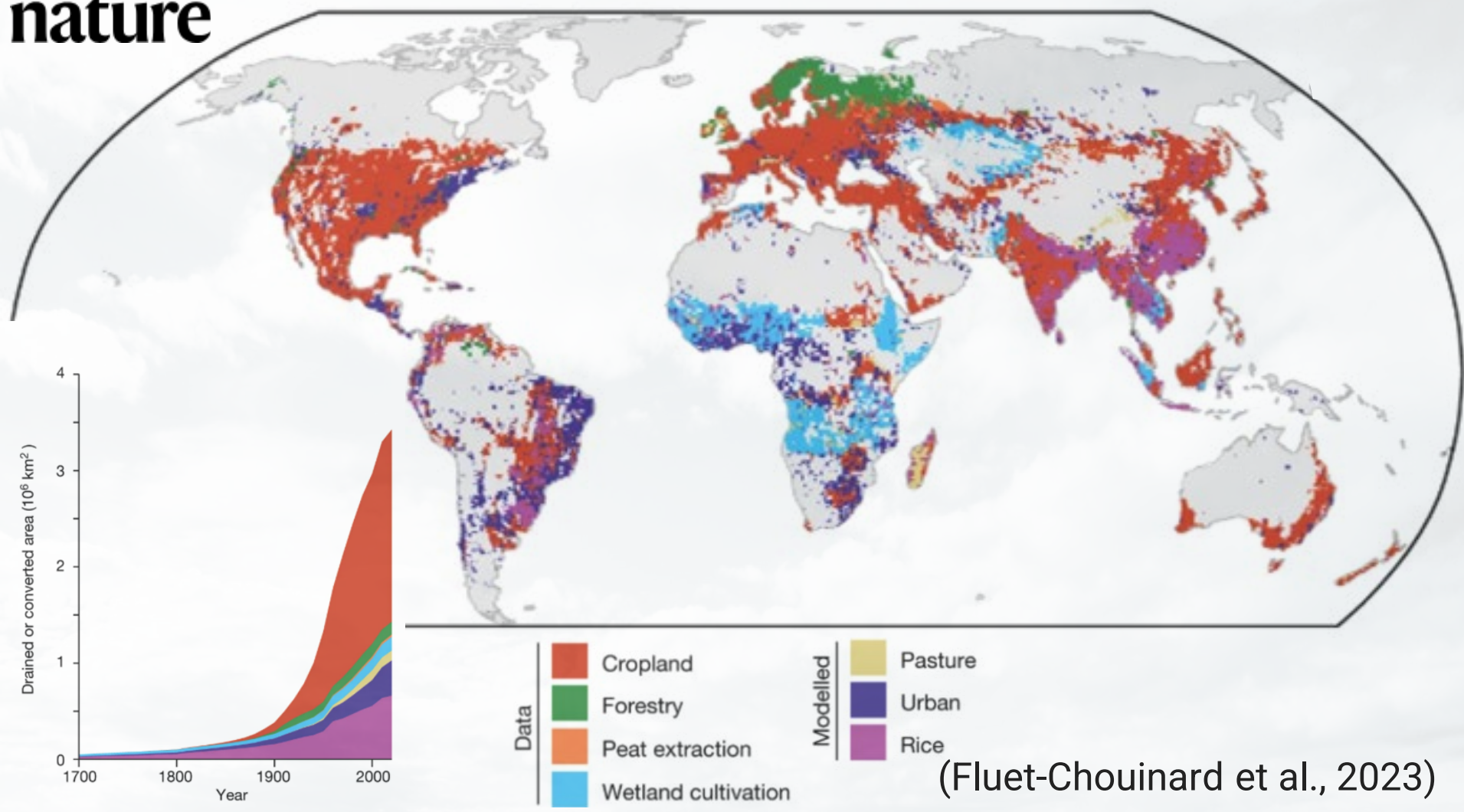
Sparkle L. Malone
Yale School of the Environment
Yale Center for Natural Carbon Capture

Methane Emissions from Wetlands





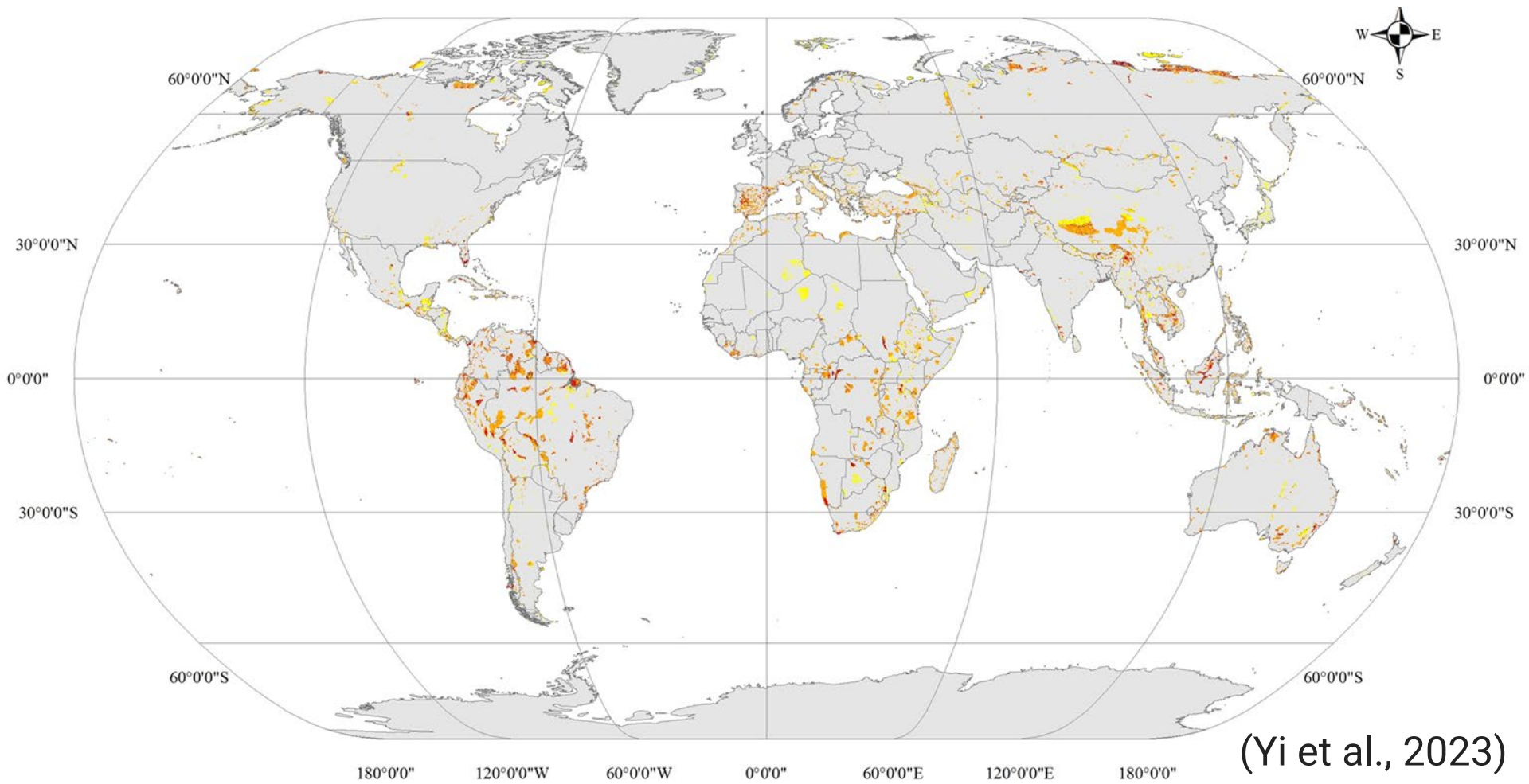
nature





nature

communications earth & environment

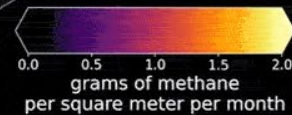


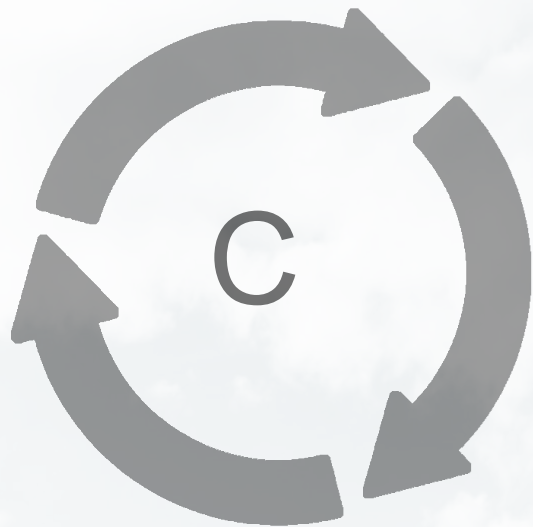
Methane Emissions from Wetlands

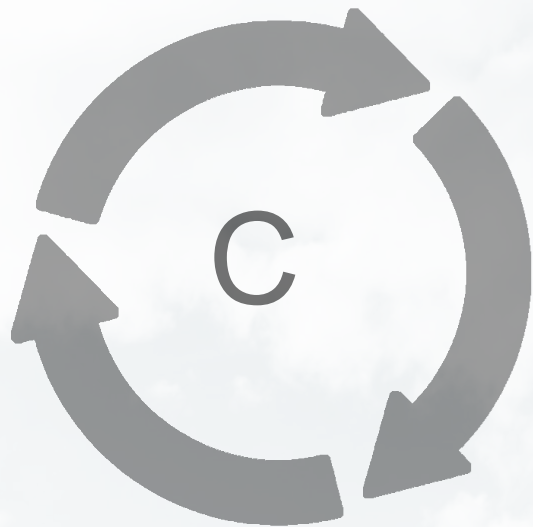


Should we continue to protect wetland ecosystems?

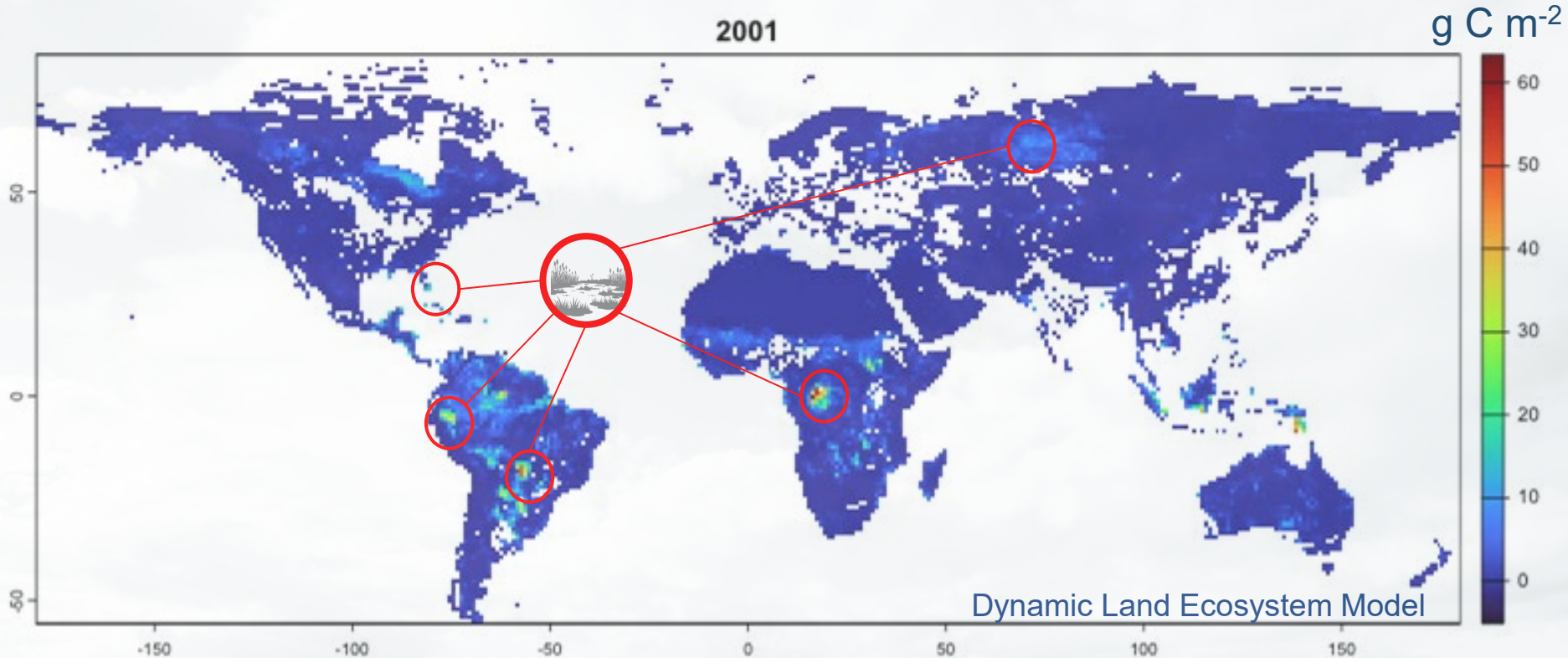
Jan
1980





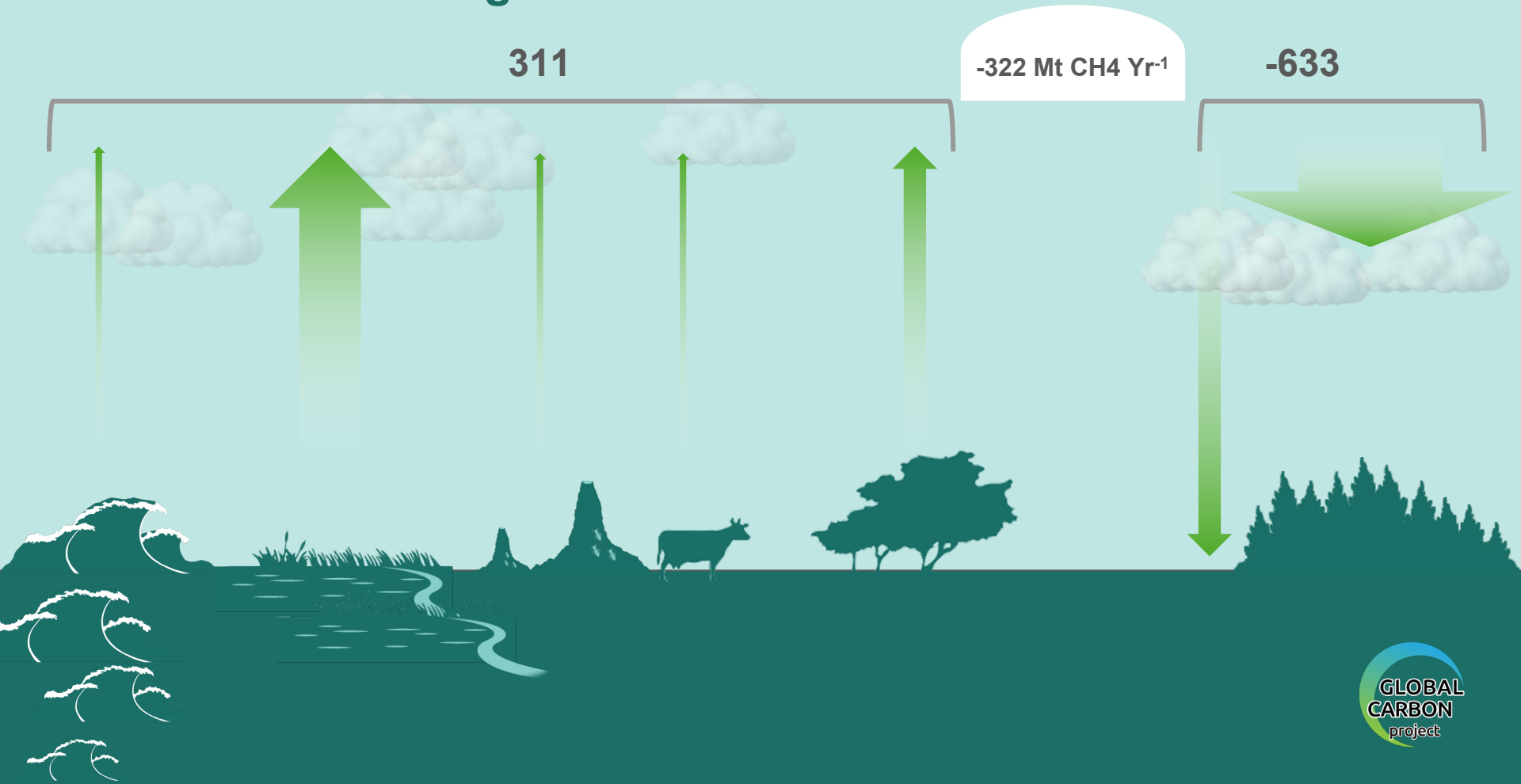


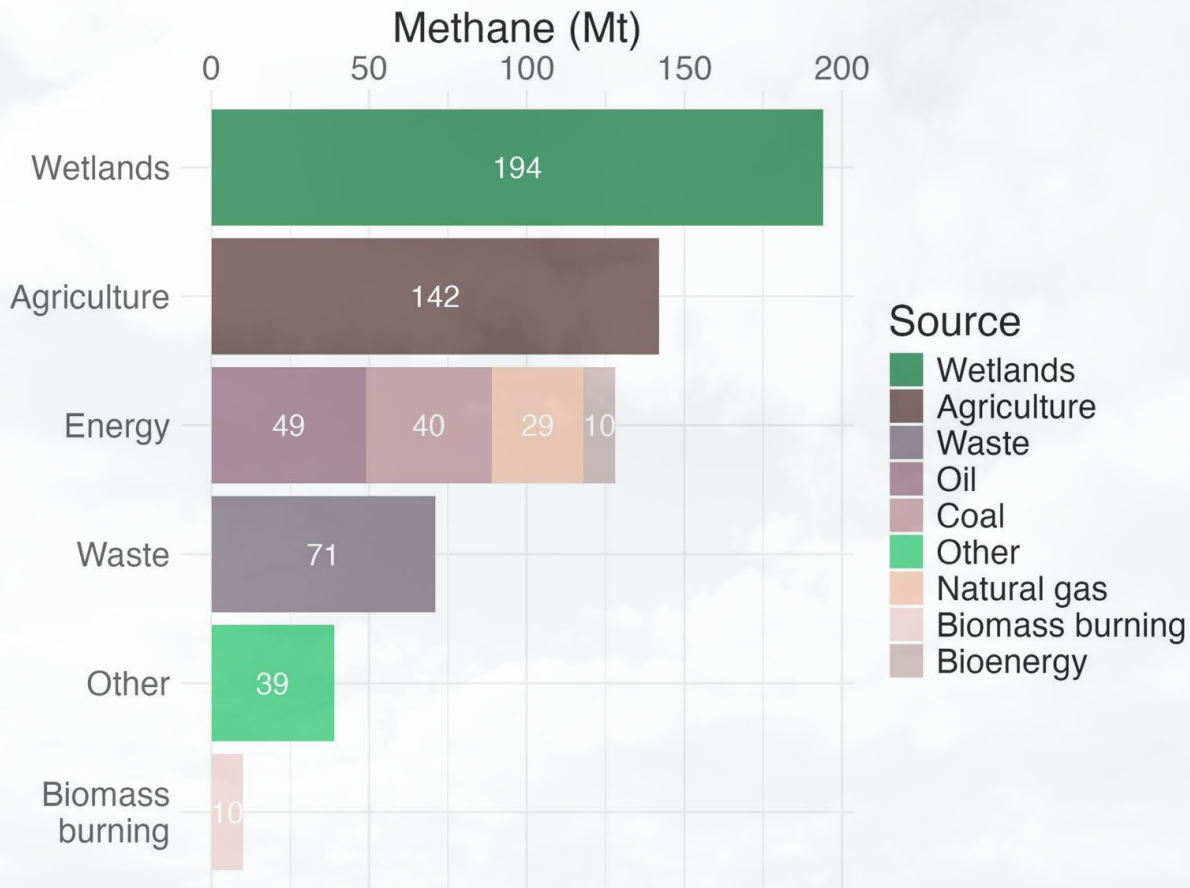
Ecosystems have different capacities to capture and emit carbon as CH₄

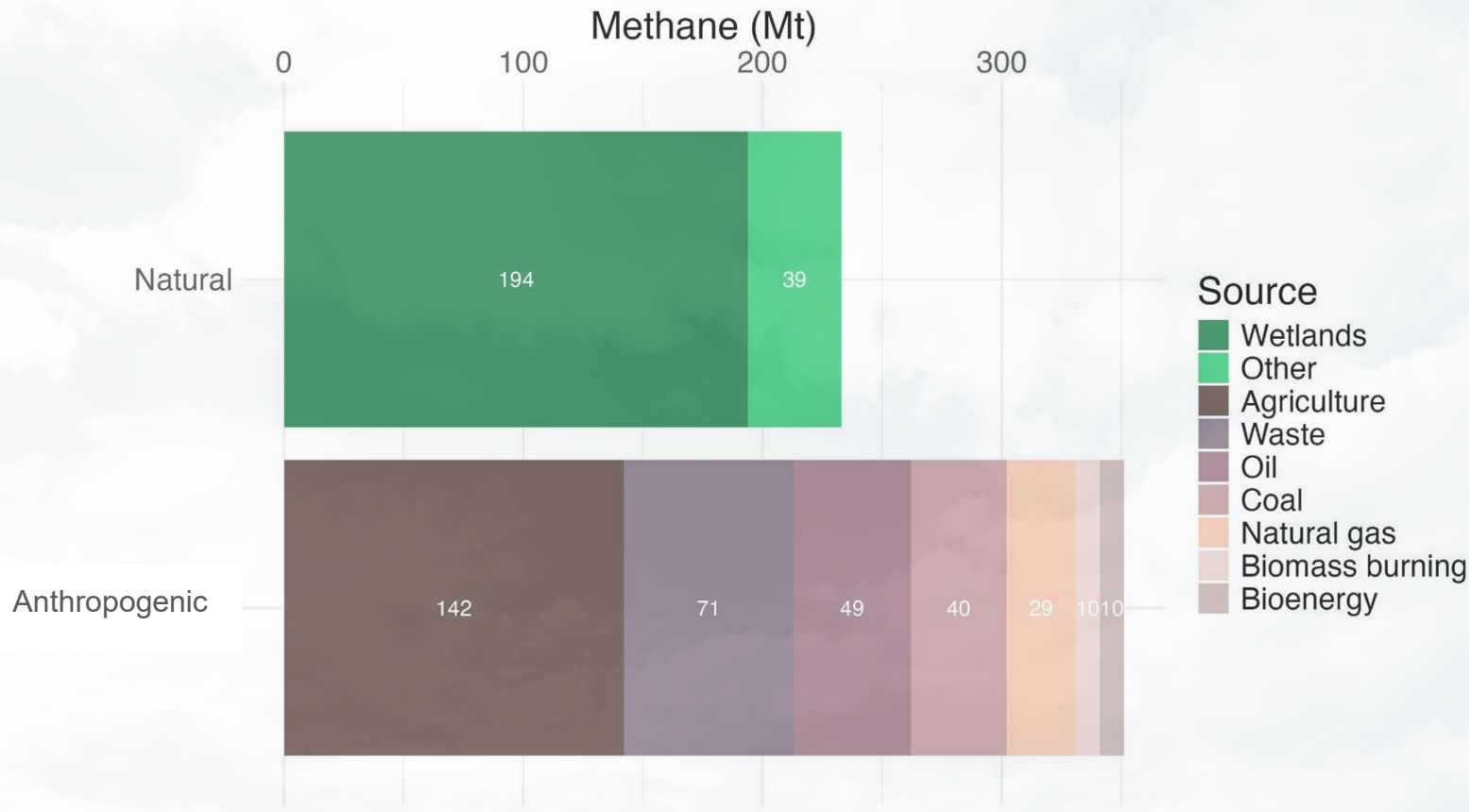


Natural Methane Budget 2010-2019

Mt CH₄ Yr⁻¹







Anthropogenic Methane Budget 2010-2019

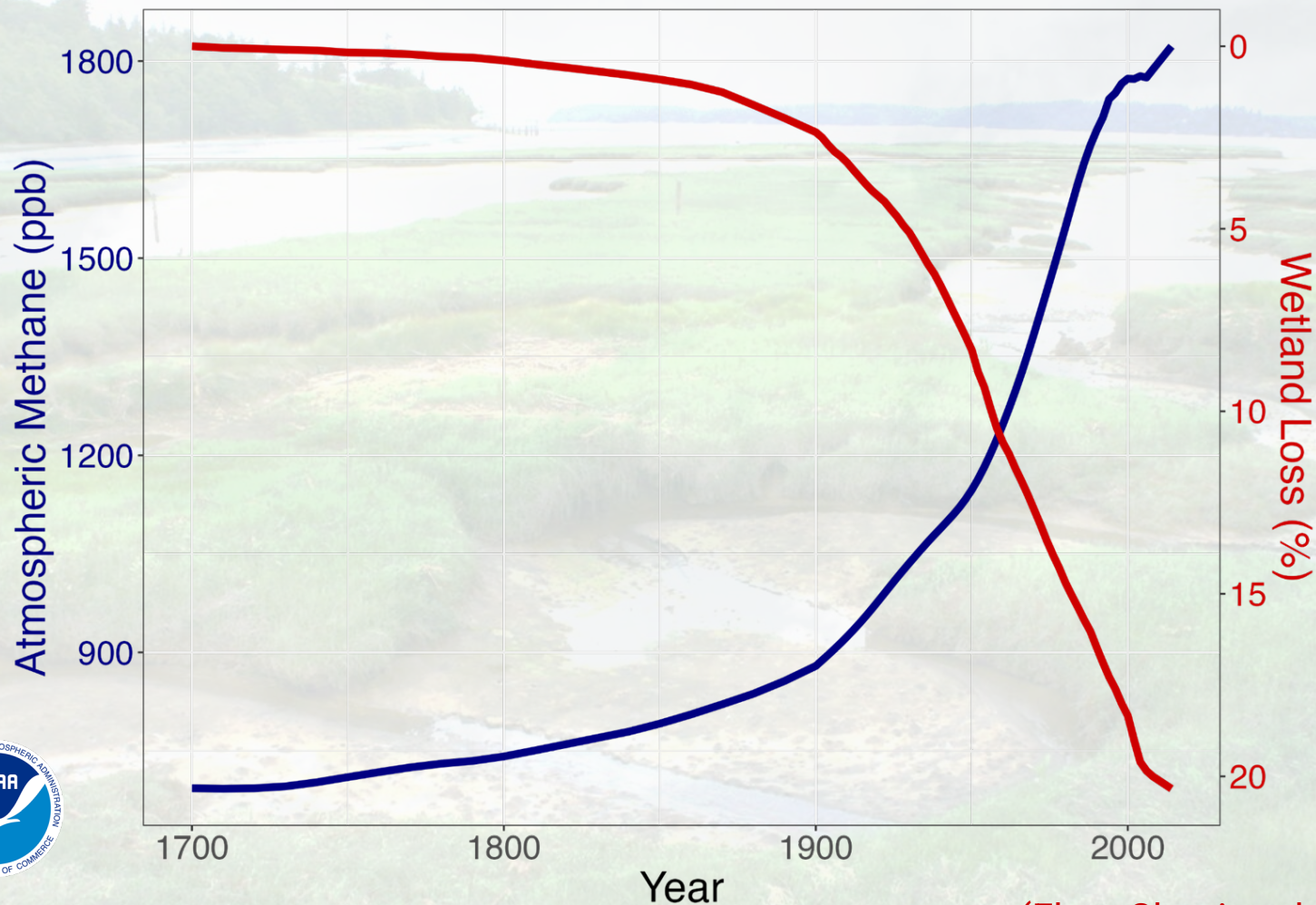
Mt CH4 Yr⁻¹

-322 Mt CH4 Yr⁻¹

359

36





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Yale

Thank You!

Collaborators:

Hanqin Tian, Boston College

Data Contributors:



**Malone
Disturbance
Ecology Lab**

