




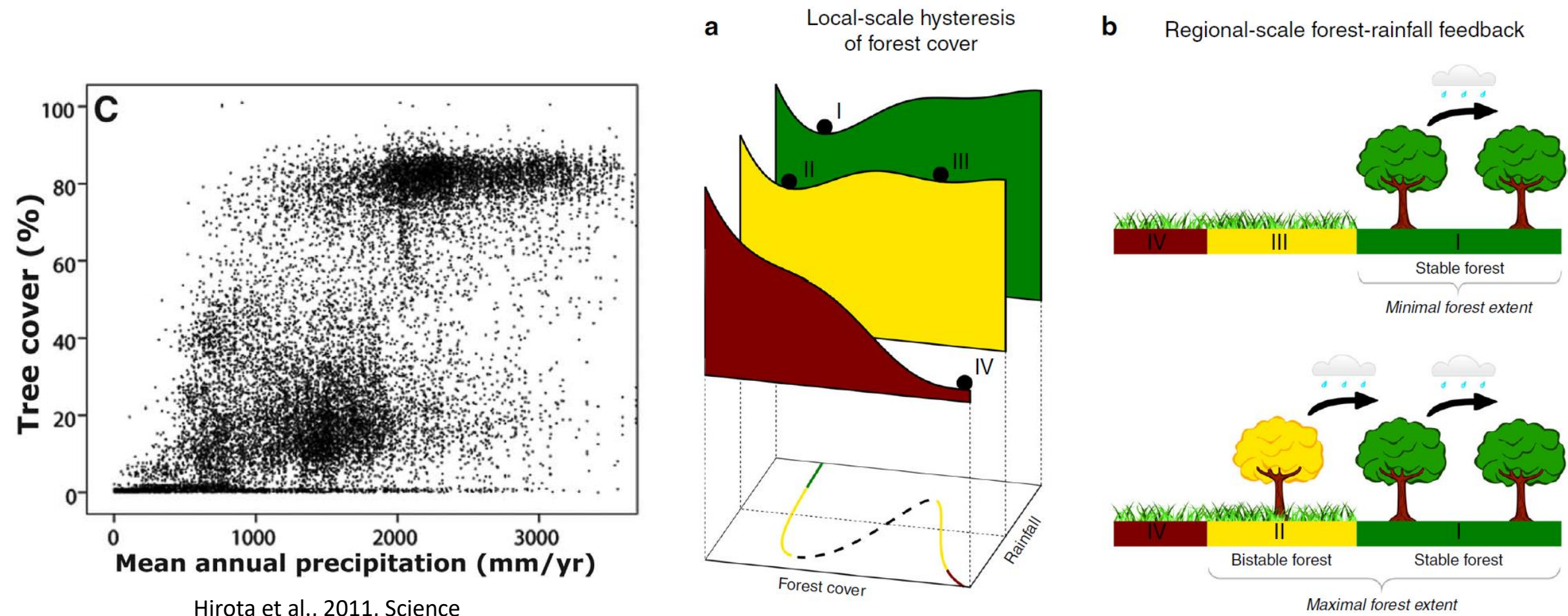


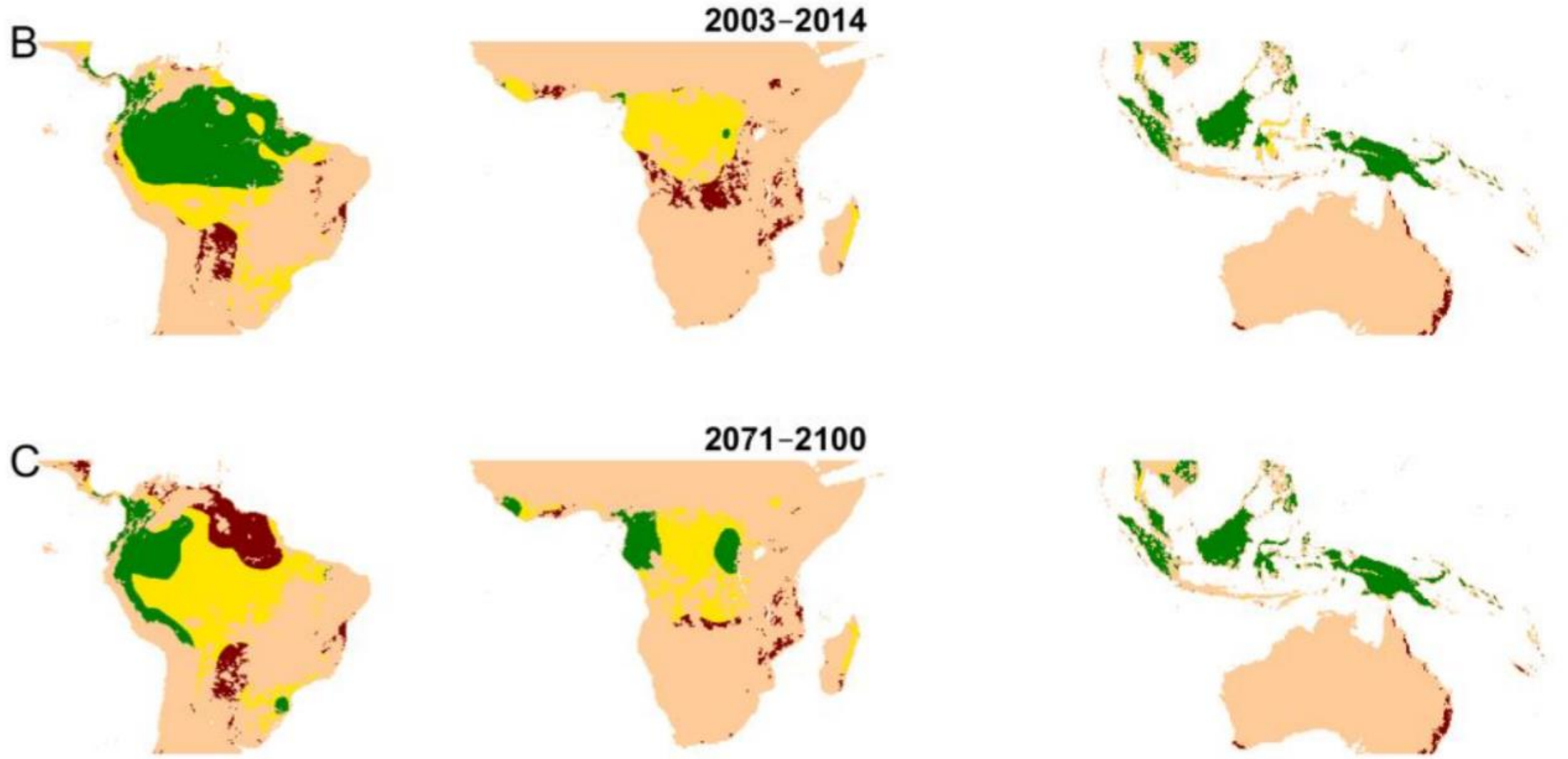
Rainforest resilience under climate change

Lan Wang-Erlandsson (presenting), lan.wang@su.se

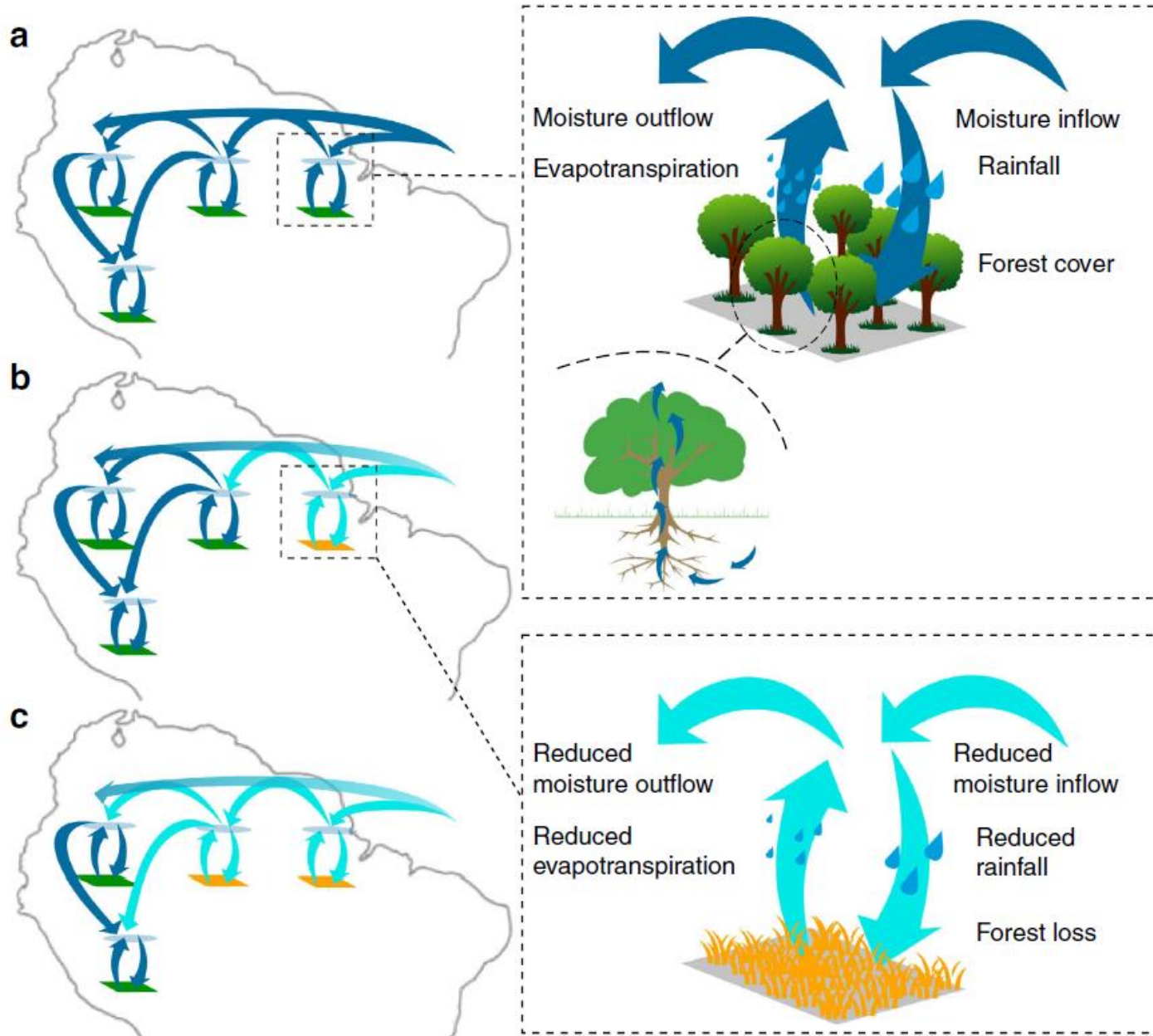
Hysteresis of tropical forests in the 21st century

Arie Staal ^{1,2}✉, Ingo Fetzer ¹, Lan Wang-Erlandsson ¹, Joyce H. C. Bosmans³, Stefan C. Dekker ², Egbert H. van Nes⁴, Johan Rockström^{1,5} & Obbe A. Tuinenburg ²





Staal et al., (2020), Nature Comm.



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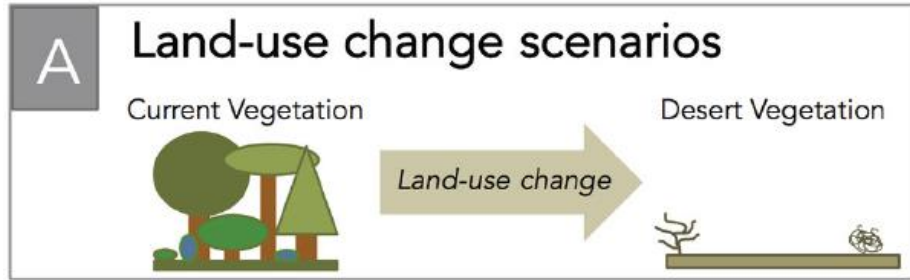
OPEN

Self-amplified Amazon forest loss due to vegetation-atmosphere feedbacks

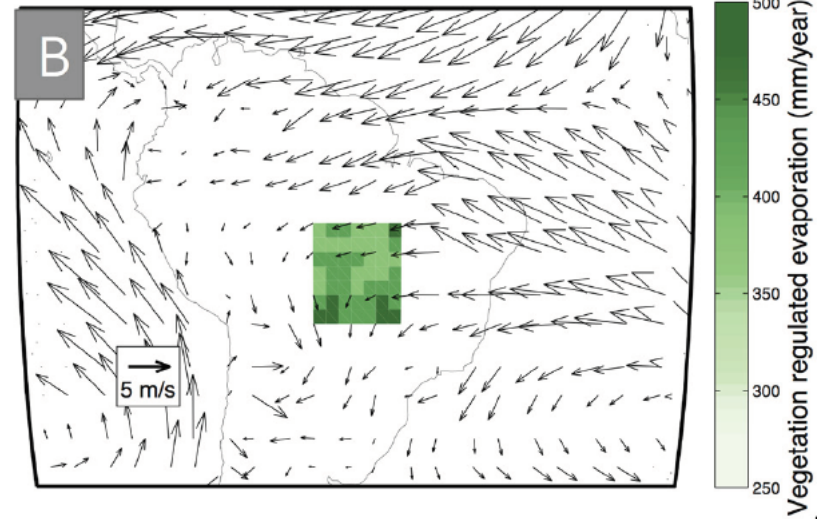
Delphine Clara Zemp^{1,2,†}, Carl-Friedrich Schleussner^{2,3}, Henrique M. J. Barbosa⁴, Marina Hirota^{5,6}, Vincent Montade⁷, Gilvan Sampaio⁸, Arie Staal⁹, Lan Wang-Erlandsson^{10,11} & Anja Rammig^{2,12}

Revealing Invisible Water: Moisture Recycling as an Ecosystem Service

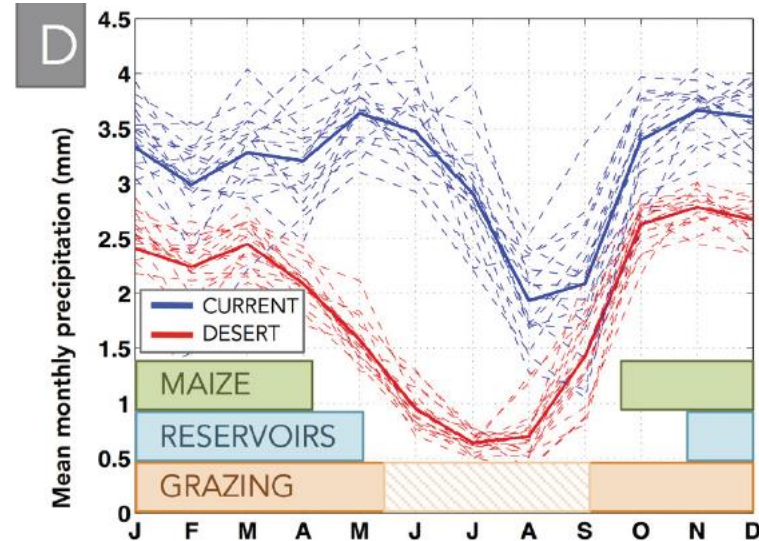
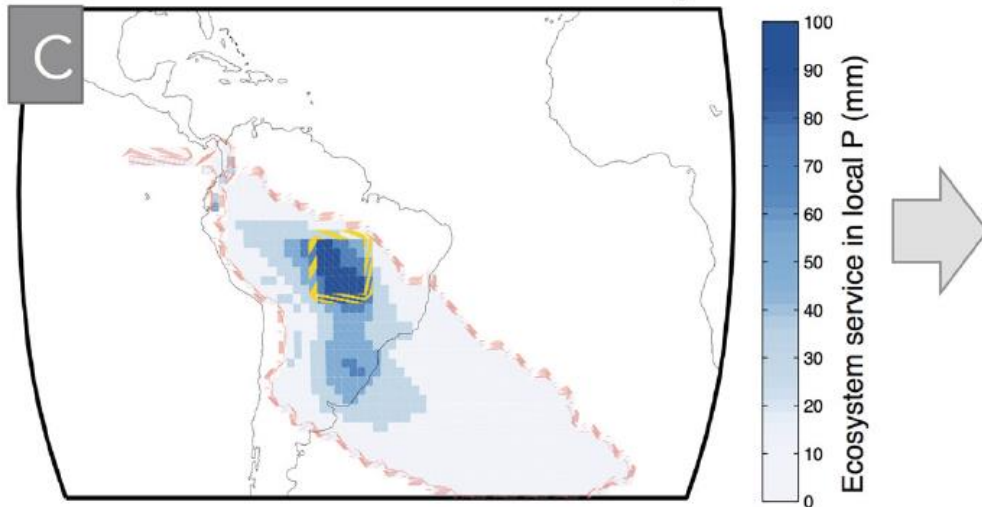
Patrick W. Keys^{1,2*}, Lan Wang-Erlandsson^{1,3}, Line J. Gordon¹



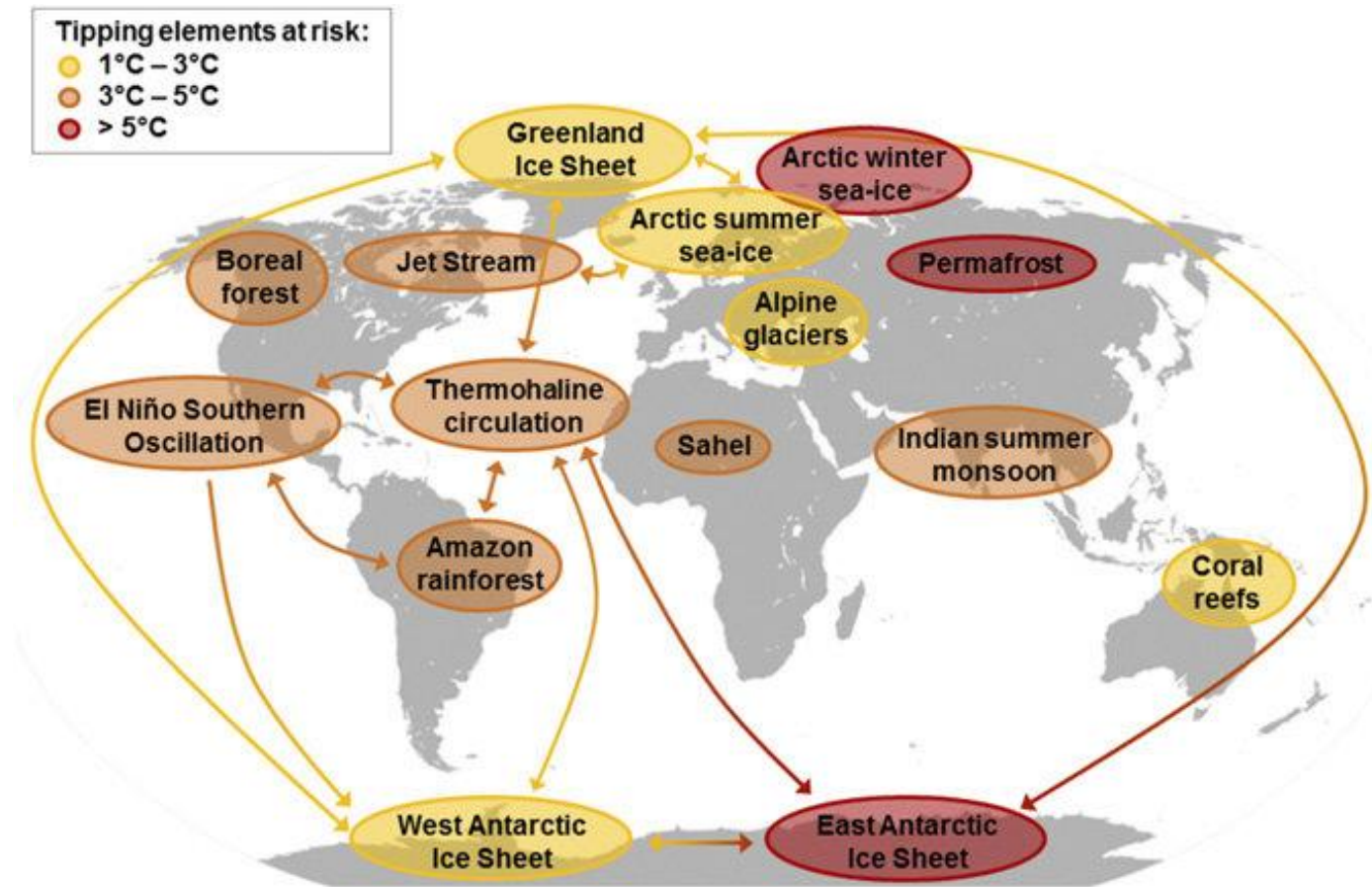
VMR sources in Mato Grosso



VMR sinks in Mato Grosso's evaporationshed



Tipping elements critical for Earth system stability



Steffen, et al., 2018, PNAS



Thank you!

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