



LEMONTREE

Land Ecosystem Models
based On New Theory,
obseRvations and
ExperimEnts



Optimality-based predictions of global patterns and trends in vegetation cover

Iain Colin Prentice^{1,2,3}

Wenjia Cai¹

Ziqi Zhu³

Boya Zhou¹

Han Wang³

Sandy P. Harrison^{2,4}

¹*Georgina Mace Centre for the Living Planet, Imperial College London*

²*Leverhulme Centre for Wildfires, Environment and Society*

³*Department of Earth System Science, Tsinghua University*

⁴*School of Archaeology, Geography and Environmental Sciences,
University of Reading*