

# Future increases in Amazonia water stress from CO<sub>2</sub> physiology and deforestation

Publish on August 31<sup>st</sup>, 2023.

*Nature Water*, <https://doi.org/10.1038/s44221-023-00128-y>

Free read-only version: <https://rdcu.be/dkR4Z>

Yue Li<sup>1,\*</sup>, Jessica C.A. Baker<sup>2</sup>, Paulo M. Brando<sup>3,4</sup>, Forrest M. Hoffman<sup>5</sup>, David M. Lawrence<sup>6</sup>,  
Douglas C. Morton<sup>7</sup>, Abigail L.S. Swann<sup>8,9</sup>, Maria R. Uribe<sup>3</sup>, James T. Randerson<sup>1</sup>

<sup>1</sup>Department of Earth System Science, University of California, Irvine, CA, USA

<sup>2</sup>School of Earth and Environment, Leeds University, Leeds, UK

<sup>3</sup>Yale School of the Environment, Yale University, New Haven, CT, USA

<sup>4</sup>Instituto de Pesquisa Ambiental da Amazônia (IPAM), Brasília-DF, Brazil

<sup>5</sup>Climate Change Institute, Oak Ridge National Laboratory, Oak Ridge, TN, USA

<sup>6</sup>National Center for Atmospheric Research, Boulder, CO, USA

<sup>7</sup>NASA Goddard Space Flight Center, Greenbelt, MD, USA

<sup>8</sup>Department of Atmospheric Sciences, University of Washington, Seattle, WA, USA

<sup>9</sup>Department of Biology, University of Washington, Seattle, WA, USA

\*Corresponding author: [yue.li@uci.edu](mailto:yue.li@uci.edu)