

2019 | NCAR EXPLORER SERIES



Planetary metabolism in a changing climate

Earth is a living system with a planetary scale metabolism that cycles carbon, oxygen, nitrogen, and many other elements necessary for life. Understanding how disturbances in the natural cycle propagate through the Earth system and feedback on climate is a major research challenge. In this talk, NCAR scientist Matthew Long discusses how our Earth is responding to current changes, the global-scale airborne campaigns that collect data used to monitor these changes, and state-of-the-art Earth system modeling.



Dr. Matthew Long
NCAR

JOIN US

WEDNESDAY, SEPTEMBER 11
TALK: 7-8 P.M.
Q&A: 8-8:30 P.M.

SATURDAY, SEPTEMBER 14
TALK: 2-3 P.M.
Q&A: 3-3:30 P.M.

NCAR MESA LAB
1850 Table Mesa Drive
Boulder, Colorado

Free public event for ages 12 + | Limited seating

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Live Webcast | <http://ucarconnect.ucar.edu/live>

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