

## Using OCO-2 column XCO<sub>2</sub> retrievals to rapidly detect and estimate extreme terrestrial biosphere carbon anomalies

Andrew Feldman<sup>1,2</sup>, Zhen Zhang<sup>3</sup>, Yasuko Yoshida<sup>4</sup>, Abhishek Chatterjee<sup>5</sup>, Joanna Joiner<sup>1</sup>, and Ben Poulter<sup>1</sup> (1) NASA Goddard Space Flight Center, (2) NASA Postdoctoral Program, ORAU, (3) University of Maryland, (4) SSAI, (5) Jet Propulsion Lab

- of sub-seasonal extreme events

- terrestrial biosphere?



