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The Keck Institute for Space Studies  
presents a short course on:

# Understanding and Empowering Soil Management as a Climate Mitigation Option

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**Monday, August 28, 2023**

**8:15 A.M. Coffee**

**8:45 A.M. - 12:30 P.M. Short Course**

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**Sharp Lecture Hall  
Arms Building  
California Institute of Technology**

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**Dr. David Schimel - JPL**

Climate, GHG Mitigation and CO<sub>2</sub> Removal -  
A Role for Soils?

**Prof. Hanna Poffenbarger - Univ. of Kentucky**

Dynamics of Soil Organic C and Soil GHG Emission in  
Agriculture – Environmental and Management Drivers

**Prof. Stephen Ogle - Colorado State Univ.**

Measurement and Modeling of Soil C and Soil GHGs

**Prof. Christian Frankenberg - Caltech**

Earth Observation of C Dynamics of  
Agricultural Landscapes

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No registration is required for this short course.

Seating is limited and is available on a first come, first served basis.  
An informal lunch is provided for all attendees.