

# CTSM-FATES Discussion Guidelines



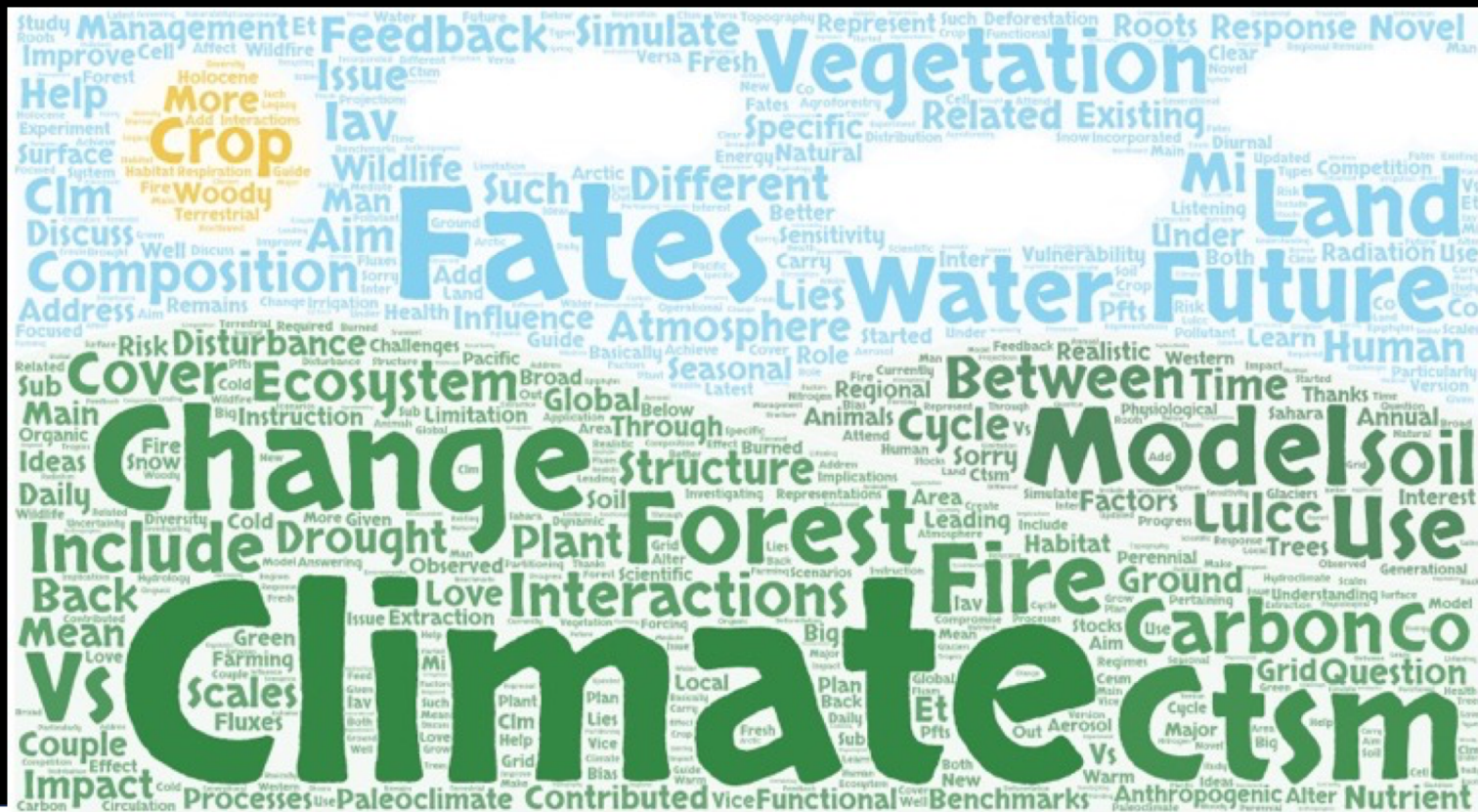
Meeting will resume at 10:20 MDT



CESM Workshop  
June 16, 2020



# CTSM-FATES Discussion Guidelines



CESM Workshop  
June 16, 2020



## ***Do you have any specific thoughts or questions you'd like to discuss related to the CTSM-FATES integration?***

- Background information, especially on FATES
- FATES interactions with current & future land model developments? (Crop model, Fire, LULCC) [section 2]
- Benchmarking and validation, especially with satellite / remote sensing data. How do we evaluate and improve FATES in global-scale simulations? [section 3]
- Alternative configurations, compsets, & reduced complexity modes  
For historical simulations, but other configurations (AMIP, Paleo, NWP) [section 4]

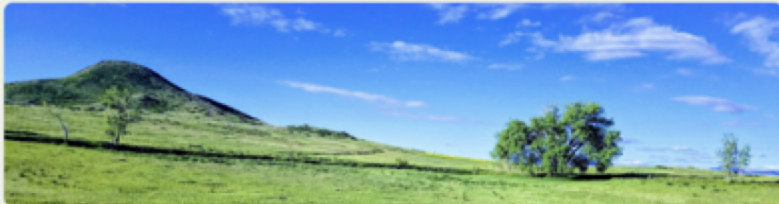
**Goal:** To run CMIP-compatible, fully transient historical simulations of CTSM-FATES by summer 2021.

**Discussion Aims:** In this meeting we aim to prioritize needs, identify specific tasks & interested people to implement CTSM-FATES integration.

*Here we value respectful dialogue, please...*



- 90 minutes
- **Brief** introductions
- Topics from Survey to discuss today:
  - Model capabilities & compatibility
  - Model benchmarking & evaluation
  - Alternative configurations, compsets, and reduced complexity modes, + other support
- Breakout rooms w/ FATES & CESM moderators
- `Raise Hands` in discussion
- Record answers & submit google form
- Synthesize and reconvene tomorrow at 8:30



## CTSM-FATES Integration

Goal: To run CMIP-compatible, fully transient historical simulations of CTSM-FATES by summer 2021.

In this meeting we aim to prioritize needs, identify specific tasks & interested people to implement CTSM-FATES integration

Submit Google Form

work from google doc

### CTSM-FATES Integration:

**Goal: To run CMIP-compatible, fully transient historical simulations of CTSM-FATES by summer 2021.**

1) Introduce yourself to the group. Briefly, what is one question you would like to address with CTSM-FATES?

#### Model capabilities & compatibility

2) What capabilities would the component models need to maintain / gain for an integrated CTSM-FATES [see also #3]

3) What are specific parameterizations or features in big-leaf CTSM that need to be developed or investigated for CTSM-FATES? [3 categories below]

# Moderators: *CTSM* & *FATES* Jedi



<https://chelseatroty.com/2018/04/05/how-do-we-make-remote-meetings-not-suck/>

**In breakout, all Jedi:  
Mute, video on (if possible), gallery view**

 Gallery View



<https://chelseatrov.com/2018/04/05/how-do-we-make-remote-meetings-not-suck/>



# Raise Hands!

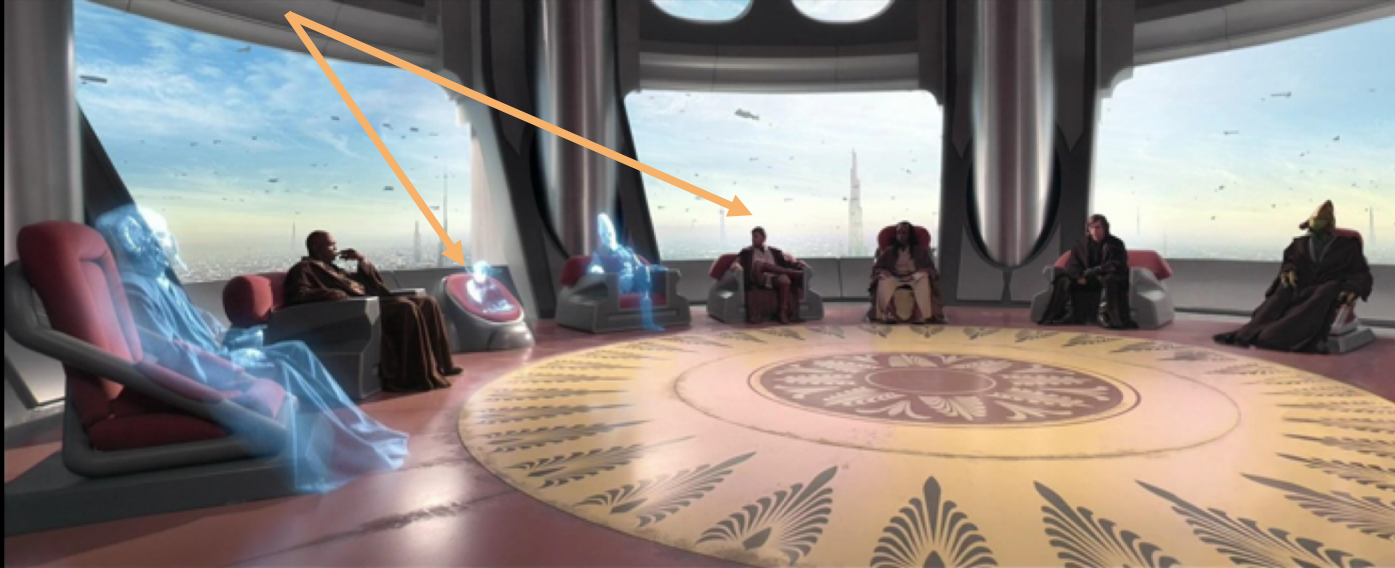


Participants 2 | Chat | Share Screen | Record | Reactions | Leave | Invite | Unmute Me | Reclaim Host

raise hand | yes | no | go slower | go faster | more

<https://chelseatroy.com/2018/04/05/how-do-we-make-remote-meetings-not-suck/>

# Jedi Scribes... TBD



<https://chelseatroy.com/2018/04/05/how-do-we-make-remote-meetings-not-suck/>