

Apr 2019; n~15

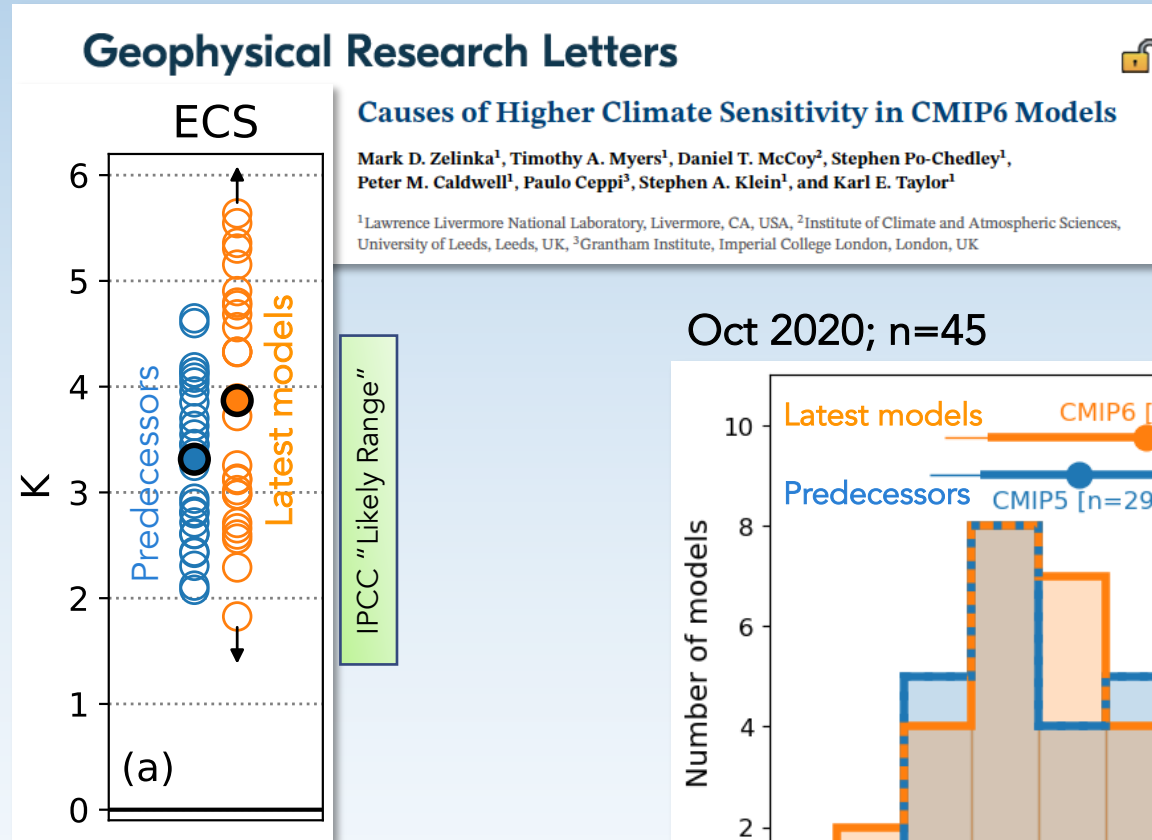
Mark Zelinka

zelinka1@llnl.gov

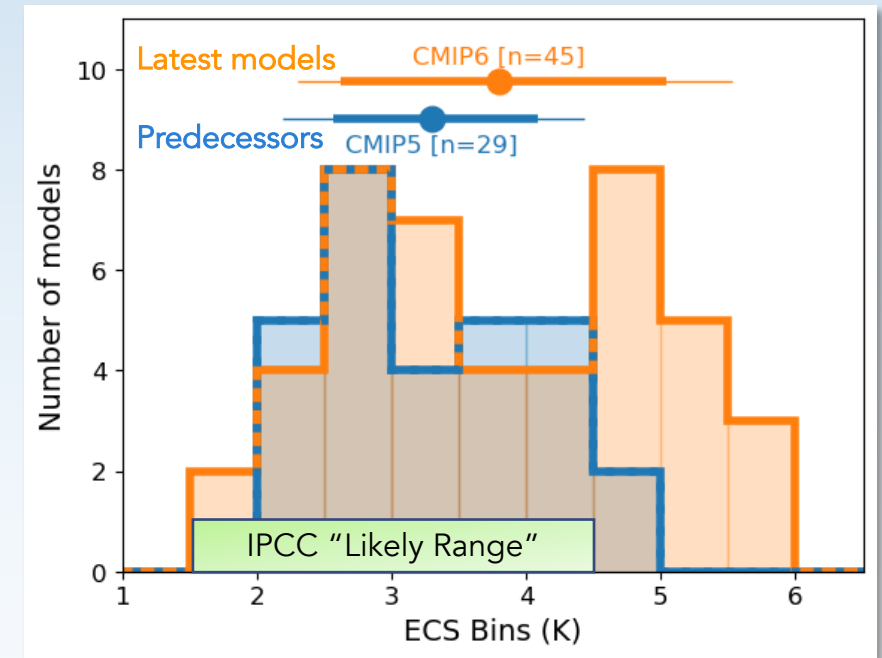
@mzelinka



Sep 2019; n=27



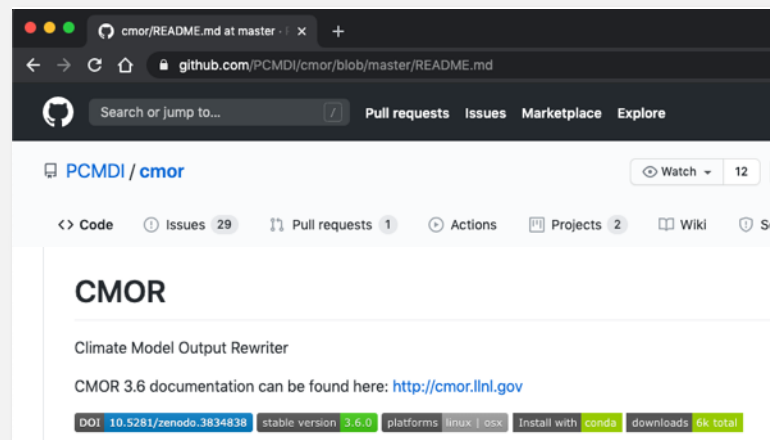
Oct 2020; n=45



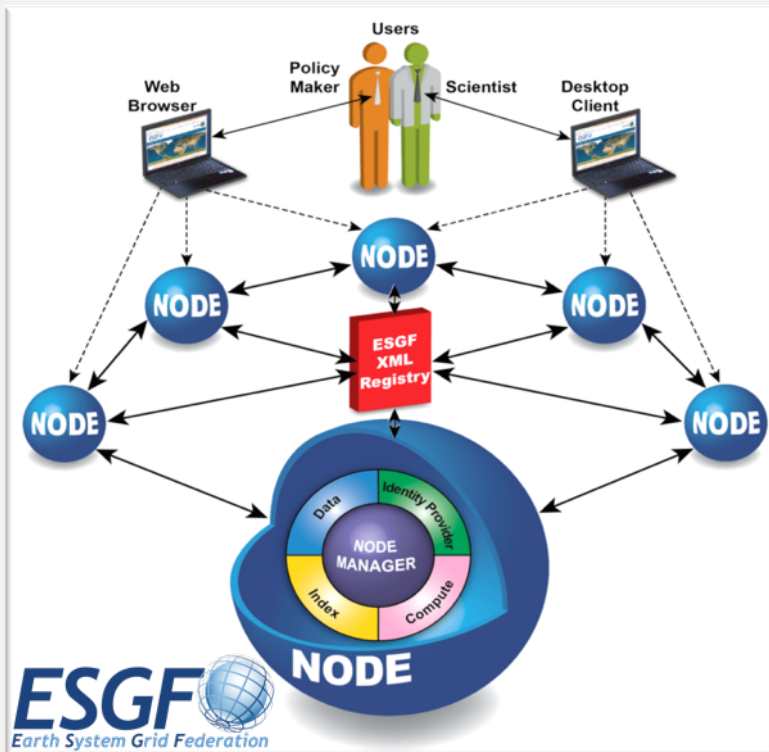
How were we able to (relatively quickly) inter-compare results from dozens of global climate model simulations performed all over the world, find out why they are more sensitive than their predecessors, and identify the root causes?



SOFTWARE TO PREPARE & CHECK OUTPUT

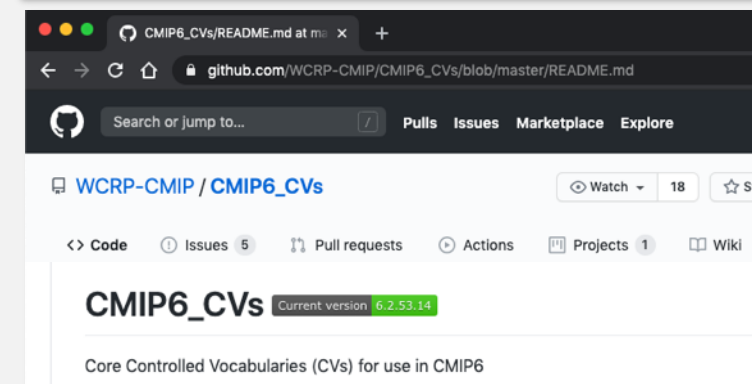
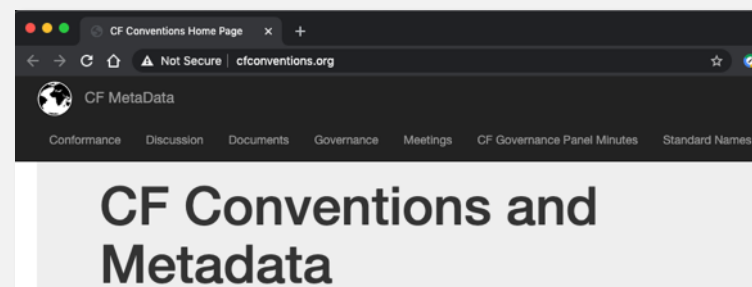


DECENTRALIZED DATA DISTRIBUTION

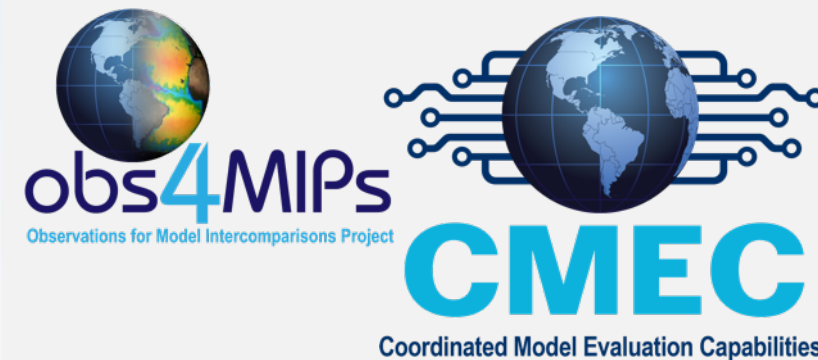


STANDARD OUTPUT

(FIELDS, VOCABULARIES, FORMATS, ETC.)



COMMUNITY EVALUATION TOOLS





7,332,043 total
datasets
16,528.09 TB



3,581,398 distinct
datasets
9,441.88 TB



3,750,645 replica
datasets
7,086.22 TB



201,129 total
datasets
5,294.68 TB



52,163 distinct
datasets
1,527.12 TB



148,966 replica
datasets
3,767.56 TB

Modeling Centers (114)

CMIP6 Modeling Groups (click on flags to reveal identity)



Data Nodes (30)

