

Societal Dimensions Working Group meeting

Co-chairs:

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SDWG Mission

The SDWG enhances CESM and its application to improve understanding of the interactions between human and earth systems.

Includes the use of CESM in studies of climate change impacts, adaptation and mitigation

Key characteristic: the role of CESM (and Earth system and climate models in general) in their analysis

SDWG Activities

The working group pursues its goals through four principle types of activities:

Fostering dialogue between the CESM community and other communities of researchers and practitioners involved in the interaction of society and climate change

Identifying needs of users in the scientific and applications communities for new developments in CESM and communicating them to relevant CESM working groups

Carrying out CESM simulations of particular relevance to scientific and applications communities

Reviewing and approving new CESM code that provides linkages to human system models

Agenda

Session 1

Climate change impacts

Achieving climate targets

SDWG-related projects

Session 2

Model evaluation and use in water resource management

SDWG Computing projects

CESM diagnostics and future plans

Tomorrow

Joint SDWG-BGC-LMWG session (FL2-1022)

P.M. Plenary (CG)

Community Activities/Resources

CESM 1.5, 2 C simulations

Maybe emulated outcomes

CSDMS meeting

Climate Risk Mgmt engine

CESM geoengineering simulations (eventually)

Climate and Human Systems Project email list

National Climate Assessment chapter on Mitigation
(Avoided impacts), webinar

EPA CIRA project Technical Report

(will circulate to SDWG list)

SDWG Scope

Topics of interest

interactions between the climate system and the use of energy, land, and water

emissions of air pollutants and their consequences

socio-ecological impacts of climate change

geoengineering; ocean acidification

diagnosis of CESM performance from an applications perspective

Participants

integrated assessment modeling

climate impacts, adaptation and vulnerability

climate modeling

practitioners in resource management, policy analysis