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Charter for the ARM Atmospheric Modeling Advisory Group

May 2016

ARM

CLIMATE RESEARCH FACILITY

DISCLAIMER

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Acronyms and Abbreviations

ARM	Atmospheric Radiation Measurement Climate
ASR	Atmospheric System Research
DOE	U.S. Department of Energy
LES	Large-Eddy Simulation
LASSO	LES ARM Symbiotic Simulation and Observation
PI	Principal Investigator

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The Atmospheric Modeling Advisory Group of the U.S. Department of Energy (DOE) Atmospheric Radiation Measurement (ARM) Climate Research Facility is guided by the following:

1. The group will provide feedback on the overall project plan including input on how to address priorities and trade-offs in the modeling and analysis workflow, making sure the modeling follows general best practices, and reviewing the recommendations provided to ARM for the workflow implementation.
2. The group will consist of approximately 6 members plus the PI and co-PI of the Large-Eddy Simulation (LES) ARM Symbiotic Simulation and Observation (LASSO) pilot project. The ARM Technical Director, or his designee, serves as an ex-officio member. This size is chosen based on the ability to efficiently conduct teleconferences and to span the general needs for input to the LASSO pilot project.
3. The group will represent the overall atmospheric community, and particularly DOE's Biological and Environment Research (BER) program research community, to ensure LASSO develops into a useful resource. Member selection will be at the request of the ARM Technical Director and will be based on the following categories:
    a. Beta users of the LASSO workflow to provide feedback on the new data products and software
    b. Expertise related to LASSO needs, such as proper use of observations
    c. Ability to represent the overall community interests
4. The LASSO pilot project Principal Investigator (PI) will serve as the de facto group leader and reports to the ARM Technical Director.
5. Meetings will occur via teleconferences at least quarterly. Additional interaction with the LASSO project team will occur on an as-needed basis in one-on-one interactions and for the entire group. When possible, opportunities will be used to meet at organized events such as the ARM/Atmospheric System Research (ASR) Principal Investigator Meetings.
6. Documentation of the group's interactions will be provided to the ARM Technical Director on a quarterly basis. The group leader will provide minutes of the group's meetings to the ARM Technical Director.
7. The members' terms of service will be for a period through mid-2017 when the LASSO pilot project ends. At that point, a decision will be made regarding appropriate oversight of ARM's modeling when it transitions to routine operation. The group will then reorganize to meet the operational modeling needs.

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