



Atmospheric System Research Program Update

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November 18, 2014

2014 ASR Fall PI/Working Group Meeting
Rockville, MD



U.S. DEPARTMENT OF
ENERGY

Office
of Science

Office of Biological
and Environmental Research

Outline

- In appreciation of Wanda Ferrell
- Welcome Shaima Nasiri !
- Current FOAs
- Budget and implications
- Prospective FOAs in 2015 (for FY2016 funding)
- Office of Science and CESD Data Policy updates
- Working Group Meeting Goals and Agenda

New Site Science Call FOA SC01139

- For ASR-relevant research focusing on either the ENA or NSA/Oliktok Point sites
- Research to be based on a broad range of the given site's instruments and capabilities to advance early scientific output from the site.
- Open to DOE labs and/or private sector teams
- Five applications received by 7/31/2014 due date
- Peer reviews complete and selections in process; awards expected soon after FY 2015 appropriation process completed.

ASR FY2015 Research Call FOA SC01174

- ASR issued a targeted call covering three topic areas:
 - **Cloud microphysical processes**
 - **Convective processes**
 - **Aerosol processes**
- 100 Applications received by 11/07/2014 due date
- Reviews with early February review panel planned; fully funded awards expected – number contingent on FY2015 appropriation process.
- Note that targeted call did not include all research areas of interest to ASR; we intend to alternate among targeted areas in annual calls to reduce load on applicants and reviewers.

BER FY 2015 status

(\$ in thousands)	FY 2013	FY 2014	FY 2015	FY 2015	FY 2015	FY 2015
	Enacted	Enacted	President's Request	House Mark	Senate Mark	Continuing resolution thru 12/11
Biological Systems Science	\$283,907	\$311,771	\$299,892	\$290,488	\$299,892	
Research	\$205,029	\$227,076	\$215,497	\$210,988	\$215,497	
Facilities	\$78,878	\$84,695	\$84,395	\$79,500	\$84,395	
Climate and Environmental Sciences	\$276,750	\$297,925	\$328,108	\$249,512	\$327,641	
Research	\$161,771	\$170,352	\$209,178	\$143,690	\$208,711	
Facilities	\$114,979	\$119,125	\$118,930	\$105,822	\$118,930	
BER Total	\$560,657	\$609,656	\$628,000	\$540,000	\$627,533	\$120,226
ASR	\$26,392	\$26,392	\$26,392			
ARM	\$68,074	\$68,429	\$68,429			

SBIR/STTR included in the 2015 Research lines.

Budget and Implications for ASR

- DOE/SC is operating on a 2+ month Continuing Resolution based on FY2014 spending rate; initial allotments were constrained by House mark which would reflect a budget cut for BER, including ASR.
- The New Site Science call (FOA SC001139) will be funded in next allotment after new appropriation (or CR) is passed.
- Timing and funding level for ASR FOA call will be determined after new appropriation (or CR) is passed.
- DOE LAB initial guidance for ASR reflects nominal 10% holdback
 - Our intention is to restore LAB cuts

Prospective FOAs in 2015 (for FY2016 funding)

- For FY2016 we plan another ASR topical call later in calendar 2015.
 - We anticipate it will be targeted topically to complement research areas funded in FY 2014-15
 - Possible new topics of priority science or geographic interest
- We are discussing with ARM a joint call to address retrieval and data products of mutual priority.
- Other cross-discipline calls, e.g. in collaboration with the CESD modeling programs are under consideration

The details – and possibilities – are subject to appropriated funds (as always)

Office of Science and CESD Data Policy

- New DOE data policy applies to FOAs issued after Oct. 1 2014
 - Data management plan requirements in FOA 1174 are transitional
- [Office of Science website](#) has details of new policy
 - *Data management planning should be an integral part of research planning.*
 - *To the greatest extent and with the fewest constraints possible, data sharing should make digital research data available to and useful for the scientific community, industry, and the public.*
 - *Not all data need to be shared or preserved. The costs and benefits of doing so should be considered in data management planning.*

DOE Data Policy and ASR

- ASR has required Data Management Plans in the past
 - DMPs will now be included as part of scientific merit criteria in proposal review: “Is the Data Management Plan suitable for the proposed research?”
 - In future FOAs, DMP will be submitted as a separate appendix
- Proposals without DMPs can be rejected without review
- DMP policy focus is on material required to validate research results
 - **Include plans for making research data displayed in publications accessible at time of publication**
 - Describe how data generated by the funded research will be shared/preserved **OR** why it is not possible or scientifically appropriate to share/preserve data
 - Data can be shared at host institution or public archive (e.g. ARM)
- Scientific community is judge of appropriateness of DMP

Working Group Meeting Goals and Agenda

- Plenary sessions crossing working groups
- Discussion
- Session reports from session chairs
 - 1 page reports: short and concise narrative that discusses key WG findings, decisions, issues, needs, and/or future plans
 - Reports will be posted to meeting website
 - Serve as a record/reminder for participants and program managers of the discussion that results from the presentations during the meeting
 - Help the program managers evaluate the progress of working groups and promise of cross-project areas