

Title: AmeriFlux Community Initiatives

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Project Website: <https://ameriflux.lbl.gov/>

Project Abstract: Community collaboration initiatives are at the core of how AMP enables the community to do transformative research. Examples of such initiatives include focal theme years, workshops, webinar and seminar series, annual community meetings and town halls at conferences. Here we describe a subset of recent and planned initiatives focused on supporting the broader AmeriFlux community.

As part of our community collaboration initiatives, we host theme years of focal interest. We recently launched the Year of Water Fluxes as our next theme year for community action. There are many science opportunities to study water fluxes in AmeriFlux. This theme year will support more water cycle measurements, enhance data quality, and build strong collaborations to work on the various aspects of water and fluxes. Initial activities included an Evapotranspiration workshop focused on measurements of water fluxes between ecosystems and the atmosphere (Nov 2-4th) (<https://ameriflux.lbl.gov/community/ameriflux-meetings-workshops/>) and a water focused AmeriFlux Annual Meeting. More activities and opportunities for engagement with the community are planned over the coming year.

This year also saw the launch of a new LBL and community-led project focused on FLUXNET, the global network of eddy-covariance research networks. The central goals of the NSF funded FLUXNET coordination project are to provide novel training and exchange opportunities, develop strong international collaborations, and build tools and protocols that ensure continued collaboration and growth. To do so, the FLUXNET coordination project will develop both data-focused processing protocols and pipelines, and people-focused education and exchange opportunities. Through the FLUXNET coordination project, we will use creative and transformative approaches to international collaboration and networked science, to build the next generation of FLUXNET to be a self-sustaining flagship of networked global scientific cooperation.