NGEE Arctic Phase 3 Project Management Priorities

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The Next-Generation Ecosystem Experiments (NGEE Arctic) is a 10-year project (2012 to 2022) to improve our predictive understanding of carbon (C)-rich Arctic system processes and feedbacks to climate. This is achieved through experiments, observations, and synthesis of existing datasets that strategically inform model process representation and parameterization, and that enhance the knowledge base required for model initialization, calibration, and evaluation.

As the project team moves forward with Phase 3 of the project (2020 to 2022), there are significant milestones that our project management plan addresses to make progress on deliverables. These include Integrated Modeling to support the DOE Energy Exascale Earth System Model (E3SM), Data Management to support the transfer of data and metadata holdings to the ESS-DIVE and continued safety management and safety culture awareness for field research activities. This poster will provide a summary of progress toward major Phase 3 milestones, risk management, lessons learned and future scope adjustments as we move toward project closure in 2022.