



Report 2023

Task 57

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Joint Assessment of Models (JAM)

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Task 57 was approved in October 2023 and started in February 2024. The Task focuses on coordination and collaboration of activities in the validation of wind energy models.

Early members include the United States, Canada, Germany, the Netherlands, Sweden and Japan. In the first month, the Task leadership group was formed. Pat Moriarty, from NREL, will be the overall Task manager. Regis Thedin, also from NREL, will lead the benchmarking subtask. Lukas Vollmer, from Fraunhofer IWES,

will lead the uncertainty quantification subtask. Paula Doubrawa, as the Operating Agent, will manage the Task and lead the outreach subtask. A virtual kick-off and media launch was held. Furthermore, the Task has established its common e-mail account, a webpage on the IEA Wind portal, and a community on the Zenodo portal

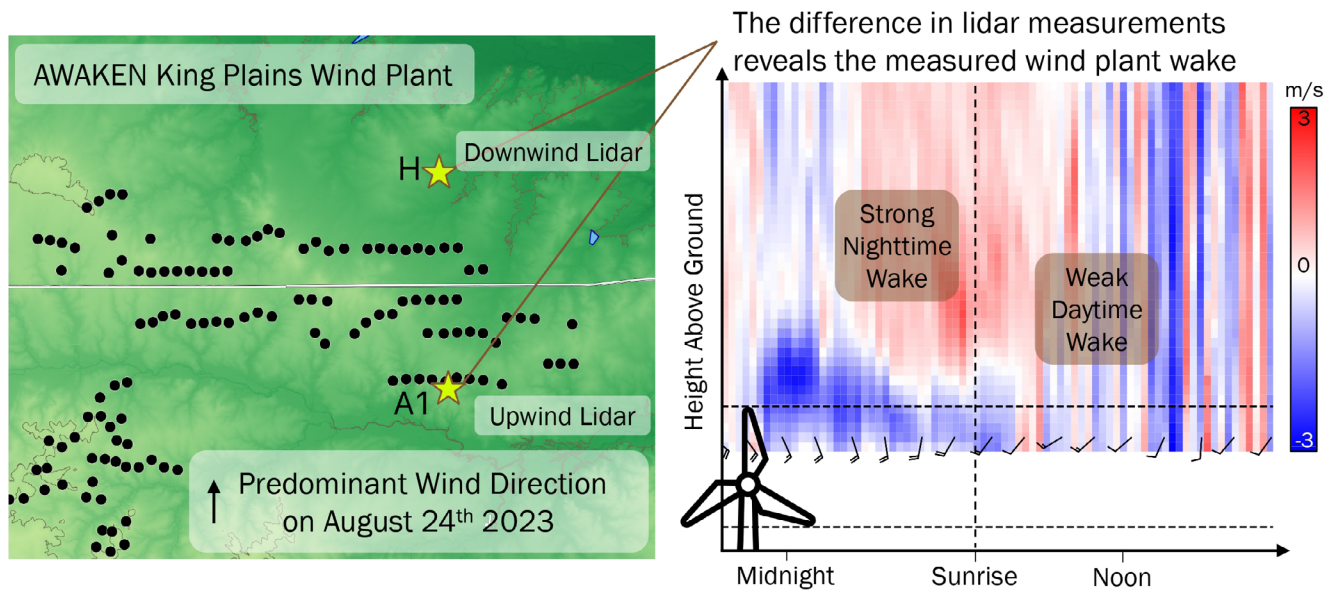


Figure 1: AWAKEN wind plant wake.

where data and presentations will be shared. The early Task 57 community is comprised of 116 members who are evenly distributed across the following sectors: 31% from research laboratories, 28% in academia, and 41% in industry. Other highlights from the first couple of months include the completion of a community survey on model validation benchmark desires, the development of a benchmark proposal and execution blueprint, and the planning of the in-person kick-off meeting which is scheduled for May 2024 in Florence, Italy. At the kick-off, the first benchmark will be released: the AWAKEN wind plant wake.

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