BOARD ON ATMOSPHERIC BIOGEOSCIENCES
MISSION STATEMENT

The mission of the Board on Atmospheric Biogeosciences is to foster a deeper understanding of the interplay between the atmosphere and biosphere among both the Society's members and the broader community. Specifically, the Board seeks to advance the understanding of how life influences and is influenced by the atmosphere through exchange and feedback processes. Focal areas for the Board include but are not limited to:

- Promoting both fundamental and applied research investigating biogeochemical and biogeophysical processes, including the exchange and transport of trace gases such as water vapor, carbon dioxide, methane, ozone and nitrous oxide.
- Determining the role of spatial and temporal scale and scaling in regulating atmosphere-biosphere interactions across the continuum from leaf level to the planet and spanning from seconds to decades.
- Characterizing both the influence of weather and climate on human and environmental health and the response of weather and climate to anthropogenic and biospheric processes.
- Facilitating both the development and application of novel or improved measurement tools, analysis techniques, remote sensing systems, and modeling schemes.

To achieve our mission, the Board organizes and participates in scientific events, including meetings and symposia, related to atmospheric biogeosciences to promote dialogue, identify and discuss pertinent research questions, and stimulate interdisciplinary research to address those questions. Similarly, the Board provides educational opportunities on the instrumentation and analysis techniques. The Board seeks nominees and participates in selecting the award for the Outstanding Achievement in Biometeorology. The board also advises the Society on matters related to atmospheric biogeosciences and assists the Society with developing position statements on related issues; upon the request of the Council, the Board represents the Society regarding issues related to biogeosciences.