



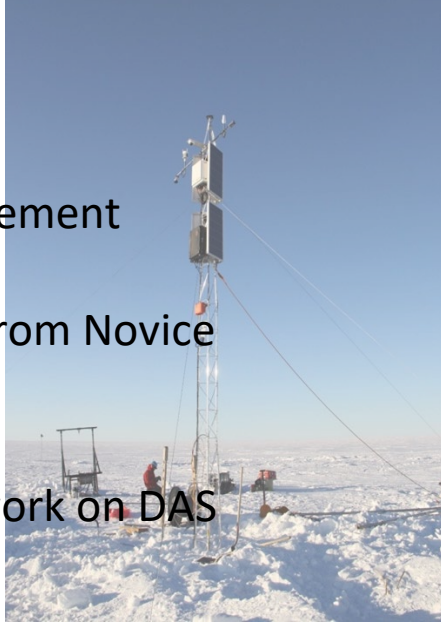
## AGU 2021 Fall Meeting Workshop Announcement

### Distributed Acoustic Sensing in Earth Sciences: From Novice to Cutting Edge!

Sponsored by NSF's Research Coordinating Network on DAS

8 am - 4 pm CST, Sunday, December 12, 2021

In-person and Virtual



**Workshop Overview:** This workshop is designed to introduce the AGU community of researchers to fiber-optic based acoustic sensing or DAS. DAS is capable of measuring strain and/or strain rate at thousands of locations over kilometers of optical fiber at frequencies covering the sub-Hertz to 20 kHz range!

**Who should attend:** DAS is now widely used in seismology, and has the potential to impact almost all of AGU's Sections of earth and space sciences. The workshop will include discussions of opportunities in glaciology, ocean sciences, atmospheric sciences, hydrology, geodesy, volcanology, geomorphology and even planetary sciences!

The workshop is divided into two consecutive modules, the first designed for complete novices and will focus on the basics of operation. In the second module, emphasis will be on recent examples of DAS experiments as well as a comprehensive discussion on how to design a DAS-enabled experiment in boreholes, surface mode and in urban/infrastructure environments. Instrument vendors will also be present to discuss current systems and how to adapt them to your research needs.

For more information, contact Scott Tyler ([styler@unr.edu](mailto:styler@unr.edu)) or Herb Wang ([hfwang@wisc.edu](mailto:hfwang@wisc.edu))

**Registration:** Sign up for the workshop when you register for the Fall 2021 meeting at <https://www.agu.org/Fall-Meeting> . The cost of the workshop is \$150. Travel support is available for early career participants.

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