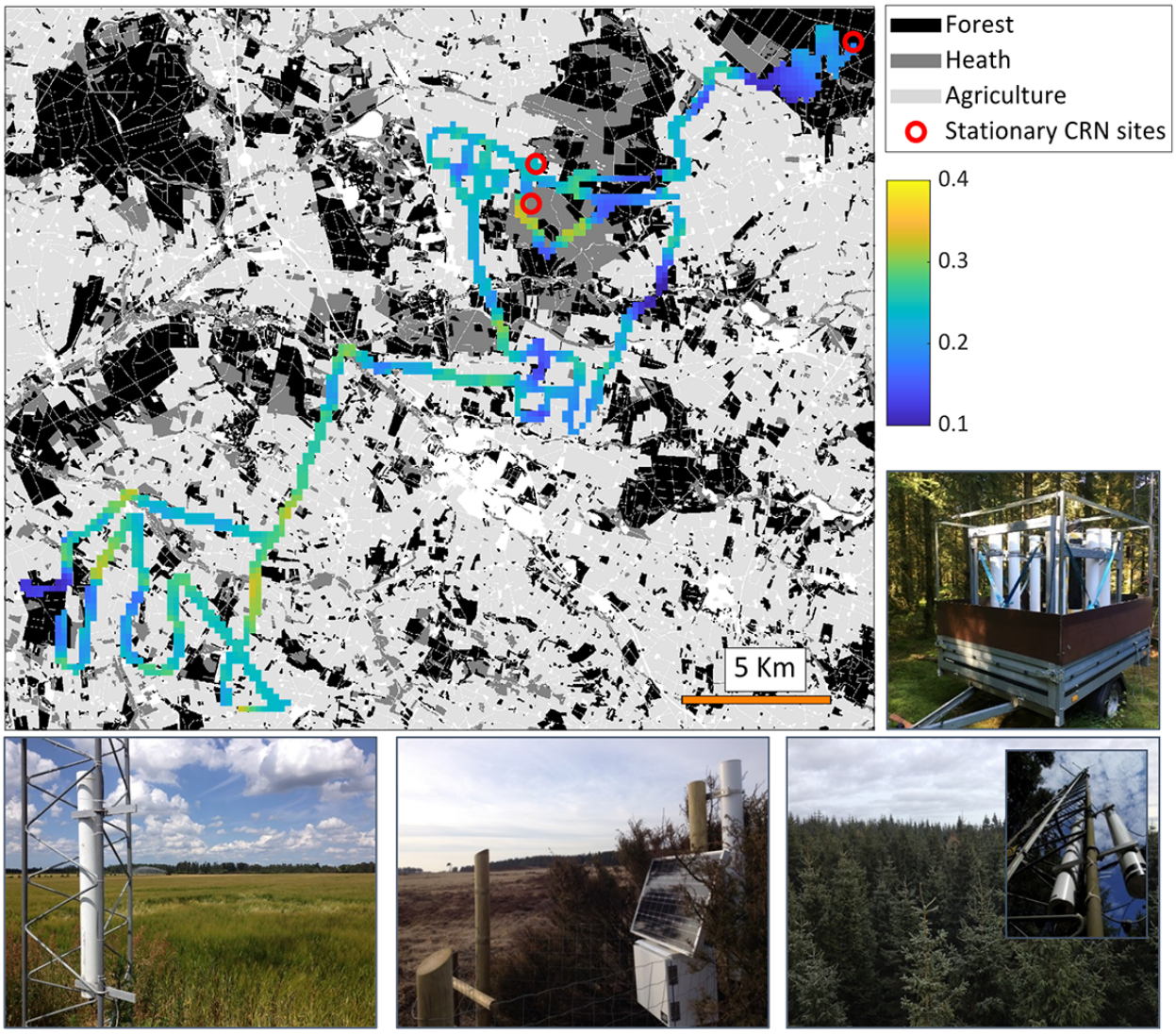
Science Societies

Call for papers: Advances in monitoring soil water content special section

April 8, 2025



Using cosmic-ray neutron sensing for monitoring soil water. Images courtesy of Mie Andreasen.

National-scale soil water content data are needed to improve weather and flood forecasting, water supply planning, and drought monitoring. Many methods exist to measure soil water content from electromagnetic sensors, to cosmic ray neutron sensing, to air- and space-borne instruments.

Submissions open

Apr. 1, 2025

Submission deadline

July 1, 2025

Lead editors

Todd Caldwell, USGS (Send Message)

Michael Cosh, USDA (Send Message)

Elise Osenga, NOAA (Send Message)

Networks are operated by different agencies, states, and organizations but lack a centralized resource for data standardization and product development and for coordination of station deployment.

A special section on **Advances in Monitoring Soil Water Content** will be published in the journal *Vadose Zone Journal*. It aims to present research on soil water science, including sensor technologies, data standardization and quality, and coordination of network deployments in part to support the effort for the National Coordinated Soil Moisture Monitoring Network. The journal is inviting authors to submit manuscripts to this special section through the *Vadose Zone Journal* ScholorOne submission portal.

For any queries regarding this call for papers, please contact the editorial team at Send Message.

Vadose Zone Journal OPEN ACCESS SSSA Soil Science Society of America

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