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Station Operations and State of Health Monitoring

Friday, 2 July 2021 10:00 (15 minutes)

NORSAR is the Norwegian National Data Centre (NDC) and operates six stations of the International Monitoring System. These are the primary seismic arrays NOA/PS27, ARCES/PS28, the auxiliary seismic array SPITS/AS72, the auxiliary single seismic station JMIC/AS73, the infrasound array IS37 and the radionuclide station RN49. It is crucial to have a good overview of the state of the various components of the stations. NORSAR has since fall 2018 been developing and using a system based on Nagios, PostgreSQL and Grafana to monitor and log uptime and state of health of our installations and processes.

Promotional text

This presentation will give an overview of NORSARs field installations and station operation. Emphasis will be on the how we have set up the new SoH monitoring system and lessons learned so far.

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