



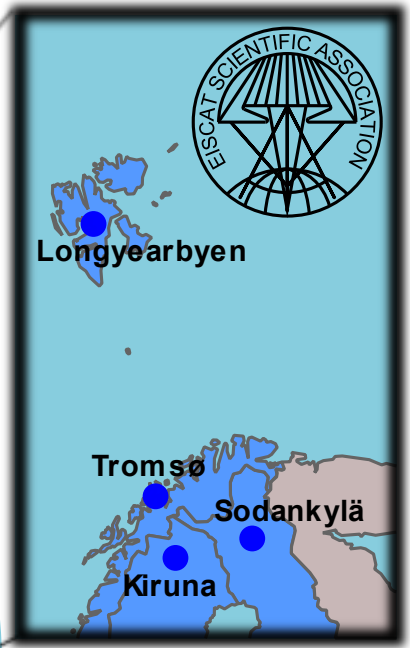
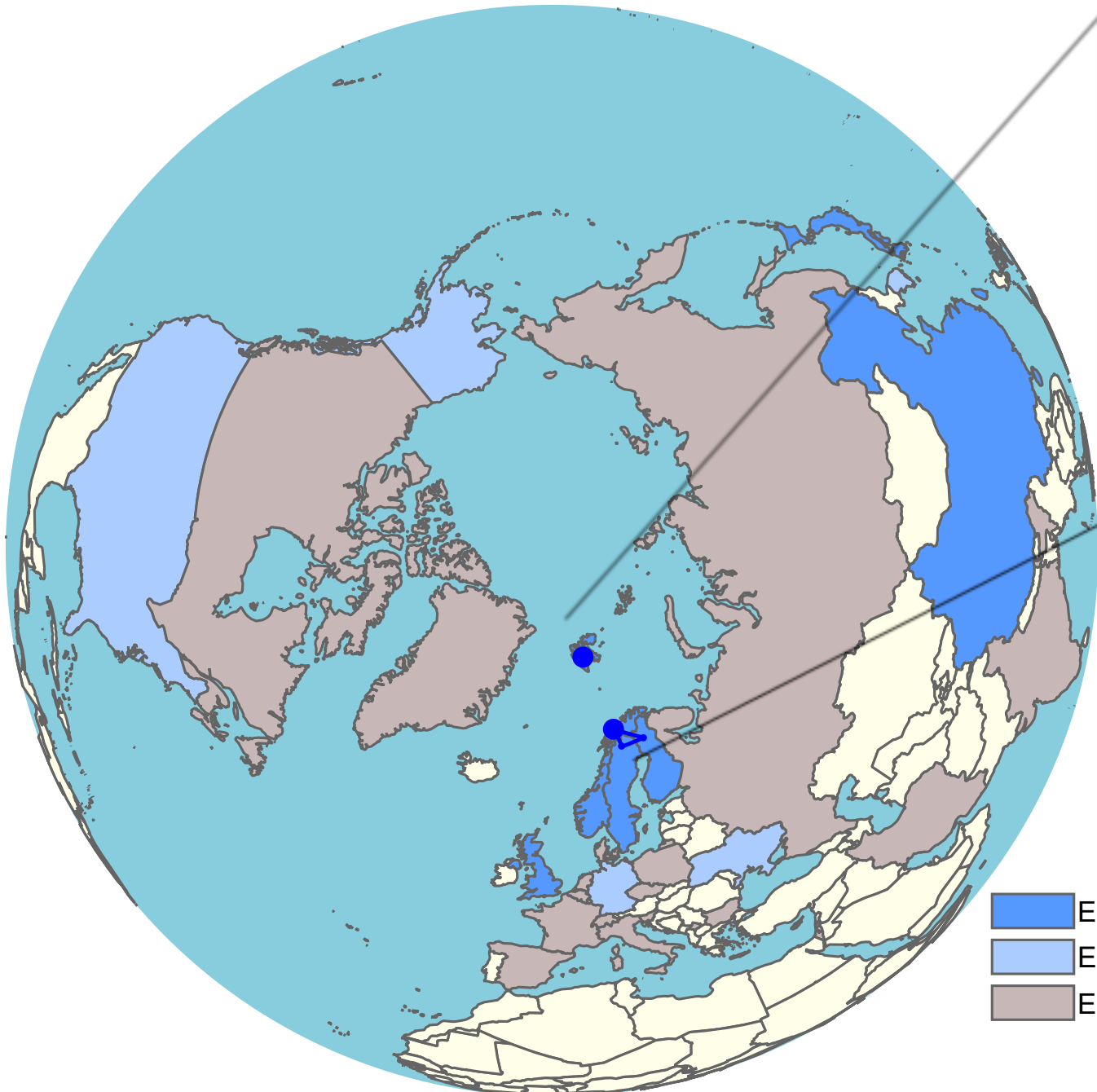
# Use case 7: Access to EISCAT registrations

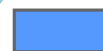
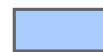

Anders Tjulin, EISCAT Scientific Association  
PITHIA-NRF Training for Partners  
13 September 2023



# EISCAT data collections

- EISCAT Svalbard Dynasonde analysed data
- EISCAT Svalbard Radar Data in the Madrigal Database
- EISCAT Tromsø Dynasonde analysed data
- EISCAT UHF Radar Data in the Madrigal Database
- EISCAT UHF Radar Vector Data in the Madrigal Database
- EISCAT VHF Radar Data in the Madrigal Database
- EISCAT VHF Radar Vector Data in the Madrigal Database



-  EISCAT associate countries
-  EISCAT affiliate countries
-  EISCAT user countries



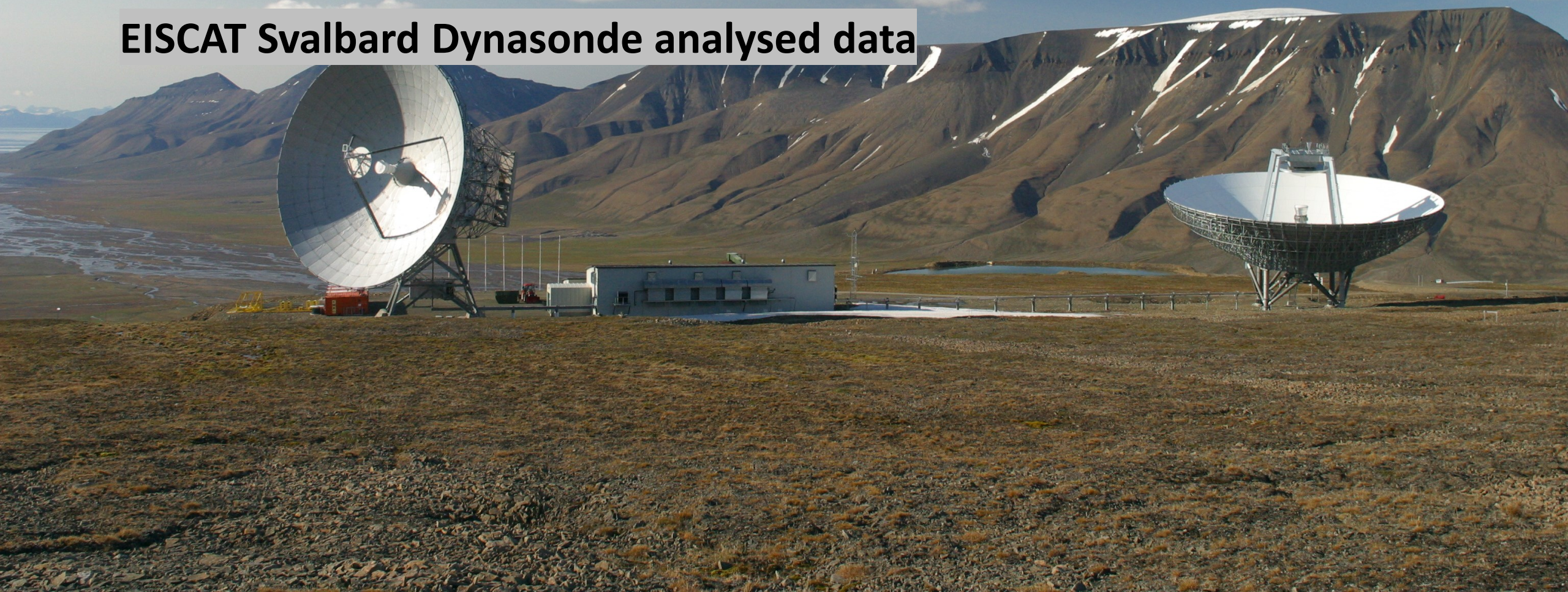
An aerial photograph of the EISCAT Tromsø radar facility. The facility is situated in a snowy, forested valley. In the foreground, there are several red buildings, likely administrative or support structures. To the left, a large, white, multi-lobed radar structure is visible, consisting of several large, curved panels supported by a metal frame. To the right, a smaller, circular radar dish is mounted on a tall, metal tower. The background features large, snow-covered mountains under a clear blue sky.

**EISCAT UHF Radar Data in the Madrigal Database**  
**EISCAT VHF Radar Data in the Madrigal Database**  
**EISCAT Tromsø Dynasonde analysed data**



**EISCAT Svalbard Radar Data in the Madrigal Database**

**EISCAT Svalbard Dynasonde analysed data**



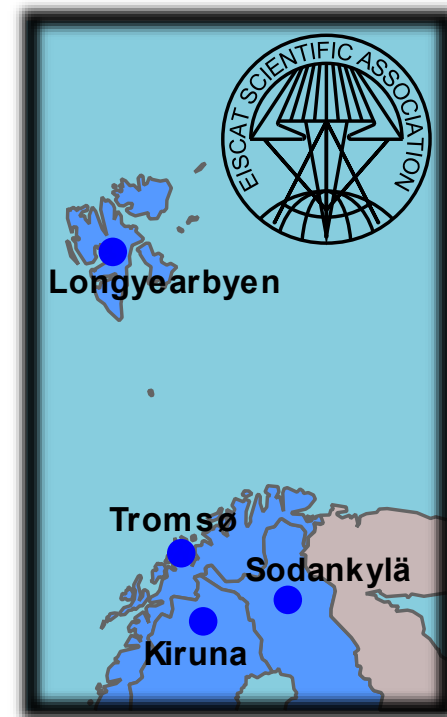
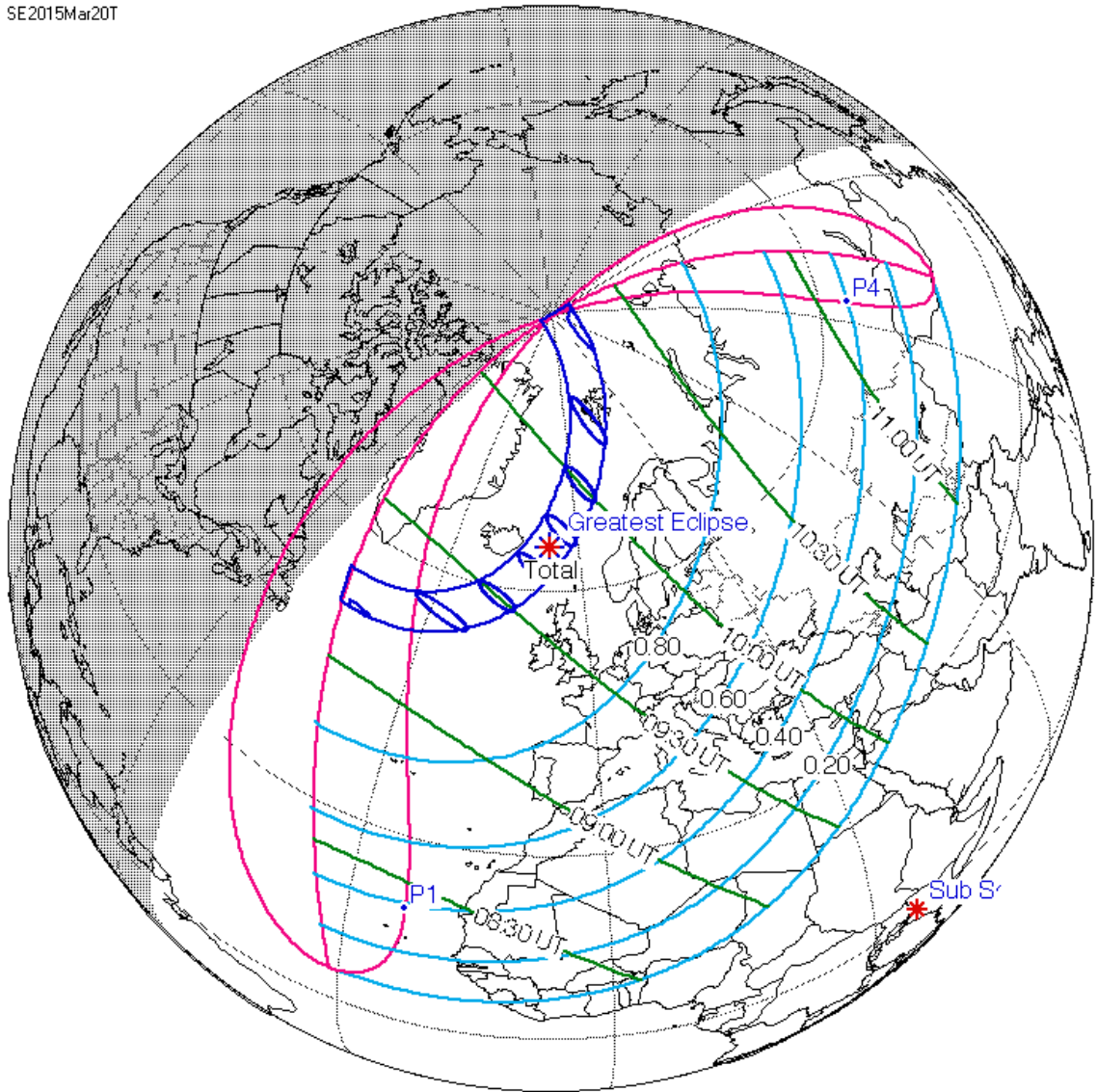


**EISCAT UHF Radar Vector Data in the Madrigal Database**

**EISCAT VHF Radar Vector Data in the Madrigal Database**



# Example: Solar eclipse 2015-03-20





Home

## PITHIA-NRF e-Science Centre

### Search & Browse Metadata



Search Data Collections



[Browse Data Collections](#)



Browse Catalogues



Browse Metadata

### Space Physics Ontology



Space Physics Ontology



Space Physics Ontology  
Guide

### Data Registration

Demonstration  
Using the website





# To do

- Work towards API based connection to Madrigal
  - and to Dynasonde data
- General user friendliness



# Thank you for your attention!

**WEB:** <https://www.pithia-nrf.eu>



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