

ITEX-AON Core Measurements led by UTEP



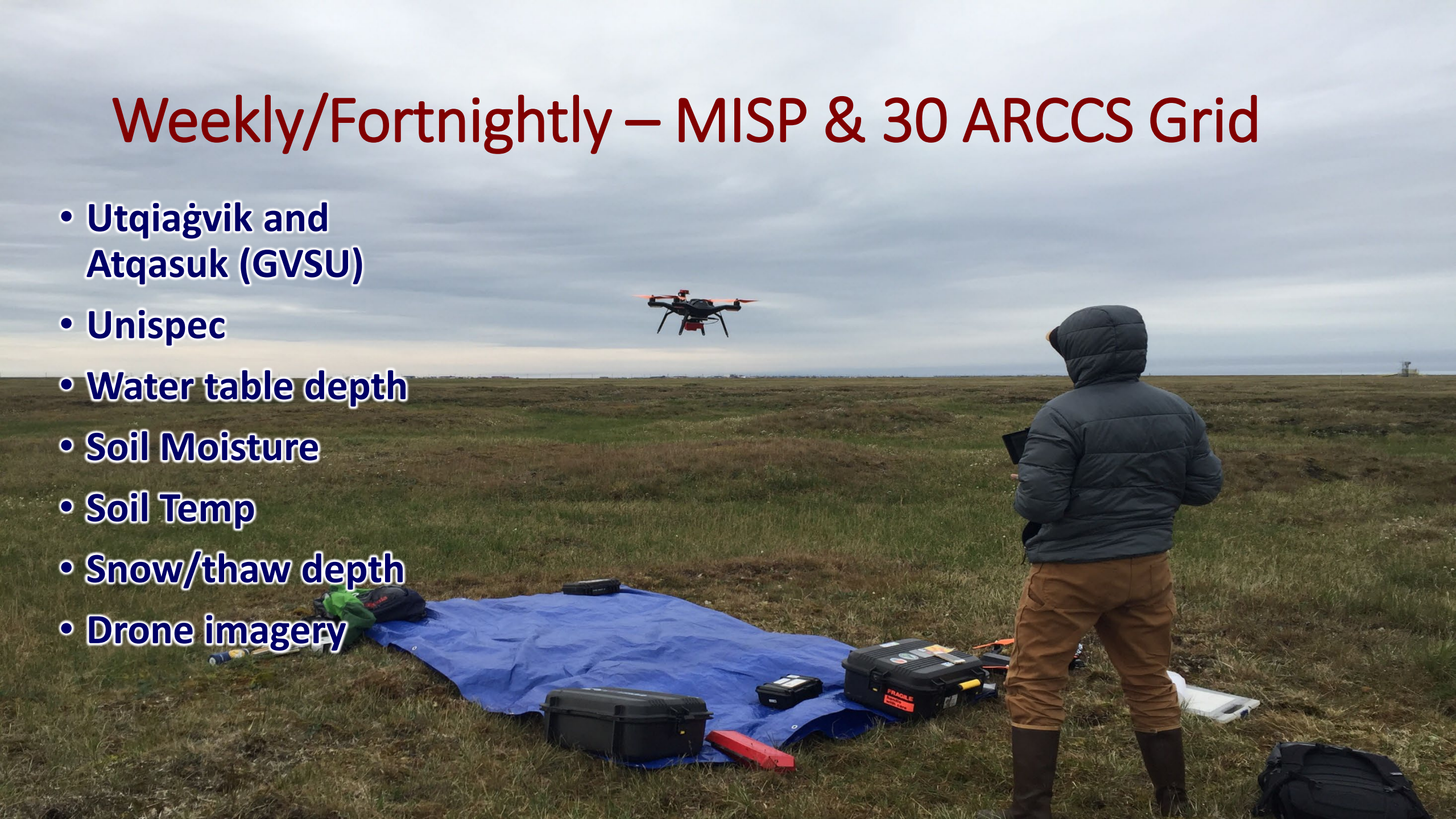
Phenocams – MISP Grid

- Utqiagvik and Atqasuk
- <https://www.youtube.com/watch?v=rYA-pw57wTM&feature=youtu.be>
- Toolik and Imnaviat
- Coupled to setup and analytical software
- <https://www.youtube.com/watch?v=pUPluGydnBk&feature=youtu.be>



Weekly/Fortnightly – MISP & 30 ARCCS Grid

- Utqiagvik and Atqasuk (GVSU)
- Unispec
- Water table depth
- Soil Moisture
- Soil Temp
- Snow/thaw depth
- Drone imagery



Seasonal - LiDAR

- Utqiagvik, Atqasuk, Toolik, Imnaviat MISP grids
- Other landscapes in the Barrow area



Campaign – Species-Plot Level Spectroscopy

- Link to NASA-ABoVE~ Huemmrich et al.
- Useful for trait-based measurements

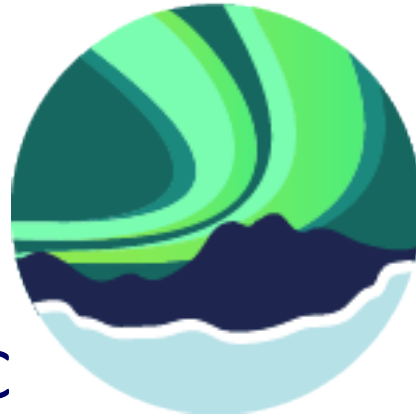


Campaign – Vegetation Mapping

- Opportunity for scaling studies
- Interactive at www.barrowmapped.org

Data Archives

- NSF Arctic Data Center
- EcoSIS/ Oakridge DAAC
- UNAVCO
- Barrow Area Information Database
- Arctic Observing Viewer



NSF
**ARCTIC
Data
Center**

