

Icebreaker's Project Goal



Predict Greenland ice bed topography using AI

Goal

<p>Problem Statement What is the target technology? What should domain researchers using the target technology be able to do?</p>	<p>The goal of this project is to predict the pattern of Greenland ice bed topography using machine learning methodologies.</p> <p>TACC Resources</p> <p>Validate the machine learning model results against the physics based results</p>
<p>Must-Have Capabilities What capabilities must absolutely be in place to enable the desired outcome from the domain perspective?</p>	<p>Converted dataset to be able to run machine learning models effectively</p>
<p>Must-Have Technologies What specific technology approaches must be developed to enable those capabilities?</p>	<p>Platform and resources to run machine learning models</p>
<p>List three to four SMART objectives for the project that integrate both technical and domain research</p>	<p>-> Predicting Greenland ice bed topography</p> <p>-> Lower RMSE score</p>

Logic Model

