My NASA Data - Mini Lesson/Activity

Scale, Proportion, and Quantity: Ice Flow Model (Student Activity)

Student Directions

The Earth’s system is characterized by the interaction of processes that take place on molecular (very small) and planetary (very large) spatial scales, as well as on short and long time scales. Scientific visualizations allow us to experience Earth processes at faster speeds, and on manageable smaller scales, facilitating data analysis and enhancing understanding.

Explore the visualizations below to see the new benchmark map scientists can use to study the extent and speed of changes to the largest ice sheet in the world.

1st Video:

2nd Video:

3rd Video:
Teachers, these mini lessons/student activities are perfect "warm up" tasks that can be used as a hook, bellringer, exit slip, etc.