



# Measuring Earth with GPS, Unit 3: Glaciers

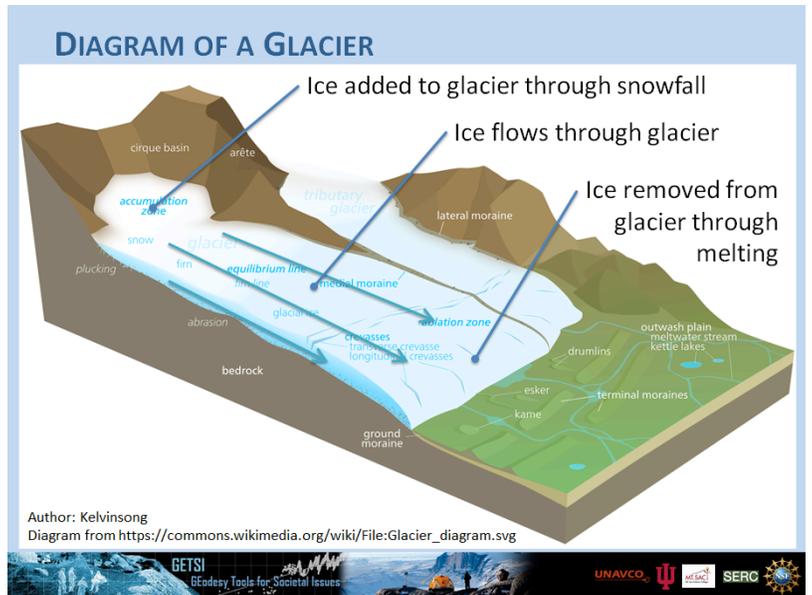
## Introductory Glacier Handout

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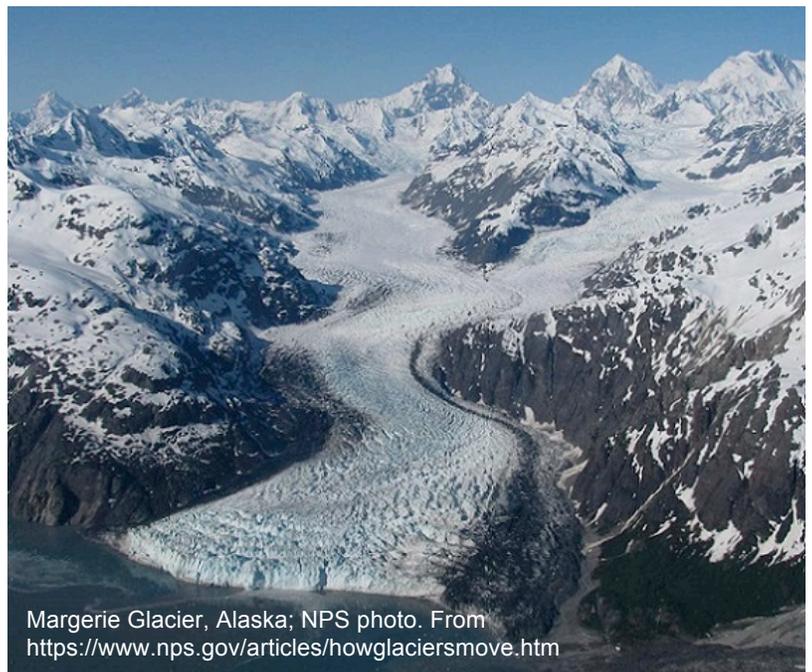
*In this activity, you will brainstorm about glaciers, how they change size, why that may be relevant, and how GPS can be used to measure it.*

### Part 1: Brainstorming

1. What could make a glacier become larger? become smaller?



2. How can scientists measure whether the amount of ice in a glacier is changing? List at least 4 ways.



3. Should communities care if the size of glaciers is changing? Why?



4. GPS stations are attached to the bedrock and work like a phone to determine the exact location of the station. However, they are much more precise than phones. How could GPS be used to measure glaciers?

