

Thwaites Glacier

The International Thwaites Glacier Collaboration



The International Thwaites Glacier Collaborative (ITGC) is a large group of scientists using multiple methods and instruments to study this vulnerable section of the West Antarctic Ice Sheet. Watch this video gathering information and then as a class talk using the '**Class Discussion**' AND '**Explore More!**' using [Thwaites-Explorer.org](https://thwaites-explorer.org)
Note: Talks are ~30 minutes followed by Q&A.



Title Talk: Ice Tractors in the Extreme

Scientist Presenter: Fabian Valdez, Antarctic Support Team.

Words Count! Use only 10 words to write down the main theme of this talk:

Cool Vehicles! Did the presenter talk about any special vehicles that are used in their work? How are they used?

I Learned! List 3 things you learned from this talk:

Cool Stuff! Something you found really interesting:

Consider! How important is Fabian Valdez to the overall Antarctic Science Mission and why do you think that?

STEM? Is Fabian's career a STEM career? Why or Why Not?

Hands Up! What questions did this video raise or what do you want to learn more about after watching this video?

Who me? Would you consider this as your career in either the Arctic or Antarctica? Why or why not?

Class Discussion:

- (1) Start by comparing your responses. List all of the things people learned on the board or a digital share space like a jamboard. As a group discuss if there are certain items that are the MOST important take-aways from the talk?
 - (2) Compare what people found cool.
 - (3) Who wants to do this type of work in Antarctica?
 - (4) Share some of the questions you had. As a class can you answer any of these? If not, you can submit your question to the **ITGC Ask A Scientist** team of experts through December 10th, 2021!
-