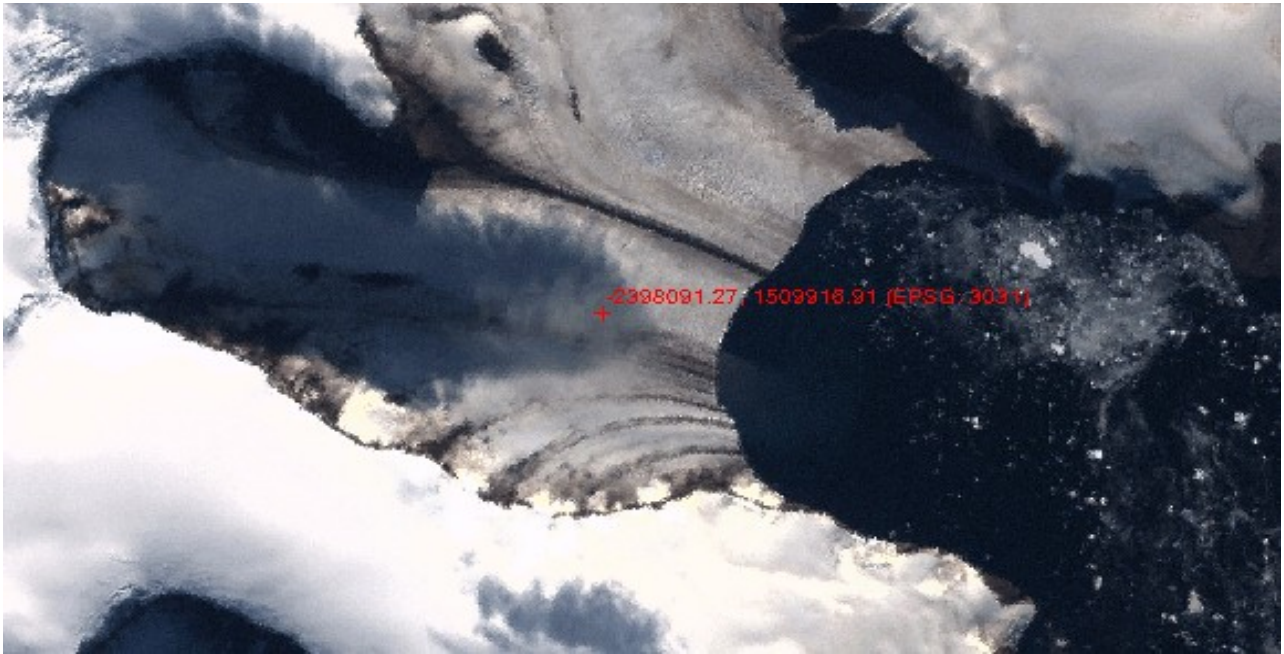


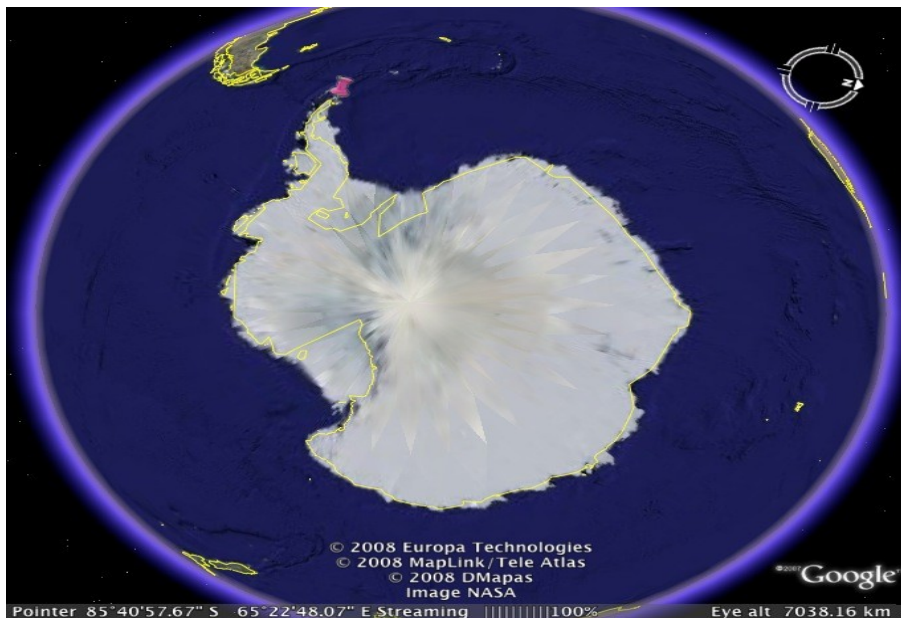
LIMA Proposal!

by: Reegan

The feature I found for my LIMA Proposal looks like a glacier by the sea with icebergs all through it. The glacier was moved by gravity causing what looks like water flowing from the glacier down into the sea. This feature is near an already named glacier called Swift glacier.



The location of my feature is at -57.8051 longitude and -64.3386 latitude. My feature is located near the peninsula of Antarctica.



My ice feature is scientifically interesting because it isn't named and is unexplored. The only named feature remotely close to it is Swift glacier. Also this feature is quite beautiful to look at from satellite imagery, the sea by the glacier looks like space. The glacier has flow stripes going down its sides with what looks like water flowing down into the sea below.

This ice feature is slowing melting, but the glacier already has flow stripes from what I think was caused from a previous melting. Gravity is also slowly moving the glacier, slanting it toward the sea below. Which allows the melted ice on the top of the glacier to fall down the sides into the sea. The sea below the ice has many smaller glaciers floating in it one of them is Swift Glacier. Like the Larsen ice shelf, this glacier is melting caused by warming weather in the Antarctica peninsula. The Larsen ice shelf melting was very unusual because ice shelves normally melt by iceberg calving. Calving is the normal amount of melting for a glacier. My feature is melting rapidly like the Larsen ice shelf. The sea below my feature has many other glaciers one is named Swift Glacier.

I think you should fund my feature because it's interesting, unexplored, and beautiful to look at. If you investigate this area you could find out how and why the ice is slowing melting from the top to the bottom. Also there is evidence of global warming on the glacier because of the flow stripes going down the sides telling me that there is global warming occurring. The glacier is being moved by gravity and the weight of the water on top, with this the glacier is slanting towards the sea like a slide almost. If the localized warming continues at the same rate it is now, the shelf could disintegrate at some point within the next few years. If I could look at the USGS Earth Explorer site, it would show me what the glacier looked like before the melting started to happen and when it just started to melt. These pictures might also help me/you see how fast the melting happened.