

The finding is reported in an article published on May 22, 2015 in "Geophysical Research Letters", entitled: "Subglacial Lake CECs: discovery and in situ survey of a privileged research site in West Antarctica".

The lake is the first to be discovered by researchers from outside the US and Europe. It is an encapsulated body of water and it is particularly stable. Subglacial lake CECs is located at only 10 geographic degrees from the South Pole, and it has an area of at least 18 square kilometers.



CECs scientists discover a new subglacial lake in West Antarctica

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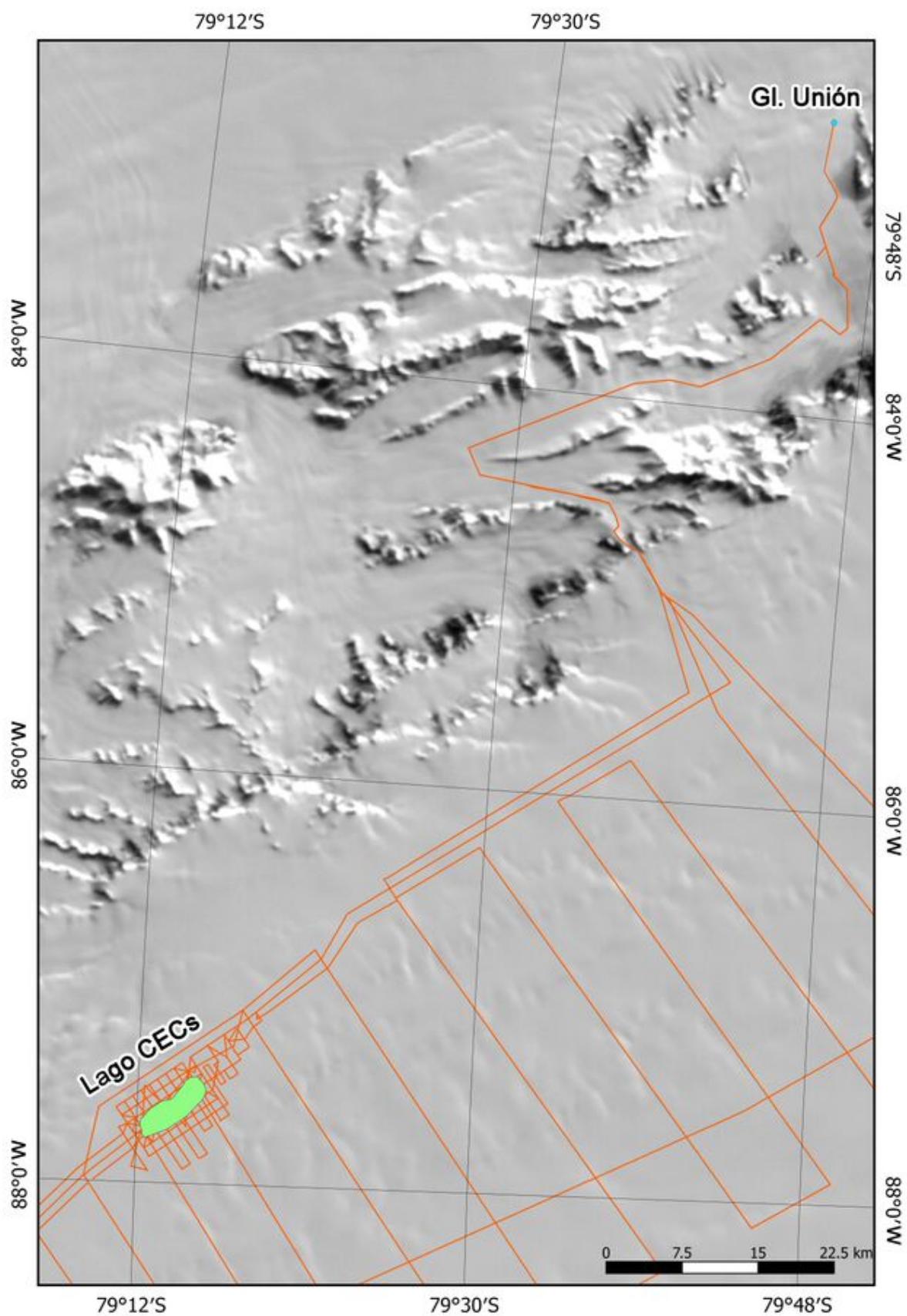
Geophysical Research Letters

RESEARCH LETTER

Subglacial Lake CECs: Discovery and in situ survey of a privileged research site in West Antarctica

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Abstract We report the discovery and the ground-penetrating radar mapping of a subglacial lake in Antarctica. This lake is located beneath the ice sheet in West Antarctica, in the central part of the Thwaites Glacier, at an altitude of 3,600 m above sea level. The lake is 1 km long and 1 km wide, with a depth of ~100 m. The lake is fed by meltwater from the glacier, which has a long water residence time. The recent finding of microfauna in Lake Whillans emphasizes the potential of



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