

**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.**



[Photo: CECs / Agence France Presse](#)

AGU PUBLICATIONS

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.** The recent discovery of a new subglacial lake in Antarctica, that we have named Lake CECs (the Ecuadorian word for "lake" in Spanish), adds to the growing list of lakes in the Western and Antarctic Glaciers ice divide, and has not experienced surface elevation changes during the last 10 years. This new discovery adds to the growing list of subglacial lakes, and the discovery of a new lake in the Western and Antarctic Glaciers ice divide, and has not experienced surface elevation changes during the last 10 years. This new discovery adds to the growing list of subglacial lakes, and the discovery of a new lake in the Western and Antarctic Glaciers ice divide, and has not experienced surface elevation changes during the last 10 years.

**Plain Language Summary.** The recent discovery of a new subglacial lake in Antarctica, that we have named Lake CECs (the Ecuadorian word for "lake" in Spanish), adds to the growing list of lakes in the Western and Antarctic Glaciers ice divide, and has not experienced surface elevation changes during the last 10 years. This new discovery adds to the growing list of subglacial lakes, and the discovery of a new lake in the Western and Antarctic Glaciers ice divide, and has not experienced surface elevation changes during the last 10 years.



