

Mysterious explosions are creating craters in Siberia. Here's why

Climate change might make these bizarre explosions more common

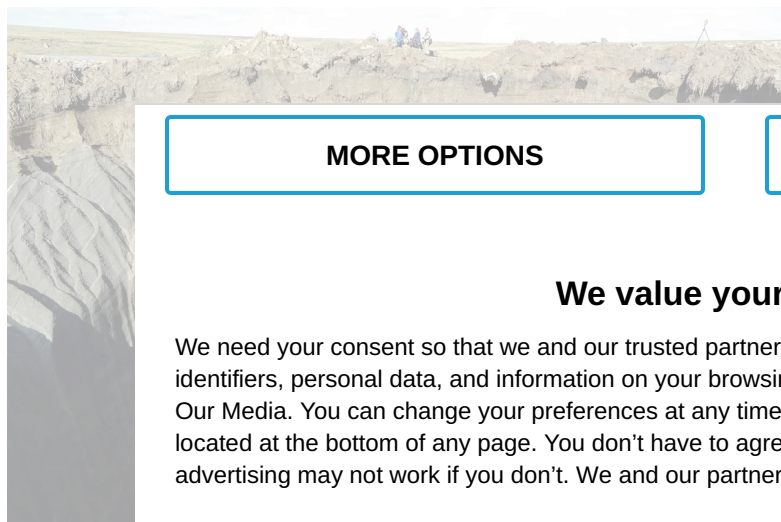


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The explosions that form the craters found in Siberia aren't directly caused by [climate change](#), but they could become more common because of it.

The explosions are most likely driven by the build-up of gas beneath frozen soil, known as permafrost.

In northwest Siberia, where these craters were discovered, there are big deposits of oil and gas. These deposits have been extracted for decades. Some deposits are kept in place by permafrost.

Thick layers of ice and permafrost act as 'sand'

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