

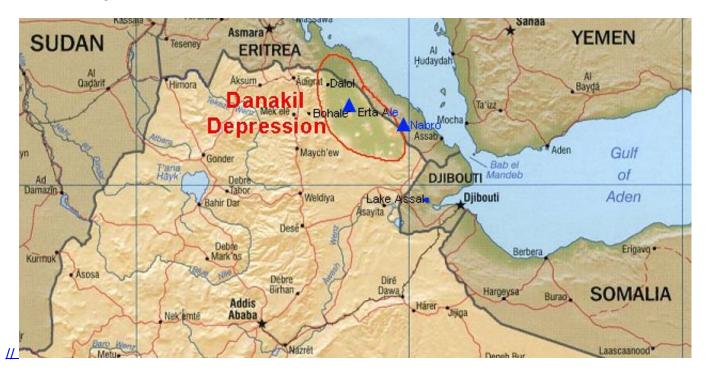
Danakil Depression

Why in News

A recent study stated that an **active and naturally occurring life cannot** be sustained at **Danakil, Ethiopia.**

- The two barriers to the survival of life in the Danakil region are:
 - Magnesium-dominated brines that cause cells to break down
 - An environment having simultaneously very low pH and high salt, a combination that makes adaptation highly difficult.

Danakil Depression



- It is located in northeastern Ethiopia.
 - At the northern end of the Great Rift Valley, and separated by live volcanoes from the Red Sea.
- Danakil is one of the world's lowest places at 100 metres below sea level.
- The plain was formed by the evaporation of an inland water body.
- All the water entering Danakil evaporates, and no stream flows out from its extreme environment.
- It is covered with more than 10 lakh tonnes of salt.

Source: IE

PDF Refernece URL: https://www.drishtiias.com/printpdf/danakil-depression