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Title

Tectonics, erosion, and climate competing in the Mediterranean
A mechanistic view of the Messinian Salinity Crisis



600 万年前に地中海が干上がったとされるメッシニアン塩分危機。地中海は塩の沙漠と化し、分厚い蒸発岩が沈殿した。

この劇的なイベントについて、数値モデルを用いたメカニスティックな視点から全容解明に挑む Garcia-Castellanos 博士が来日。彼のこれまでの研究を生物地球化学分野の特別セミナーで紹介していただく。

皆様のご参加をお待ちしております。

https://sites.google.com/site/daniggcc/

Time

Wednesday
7th Oct. 2015
16:00-17:00

Room

Seminar Room 2
1F Main Building, JAMSTEC HQ
横須賀本部 本館 山側 1階
第二セミナー室

LETTERS
Catastrophic flood of the Mediterranean after the Messinian salinity crisis
D. Garcia-Castellanos, F. Estrada, I. Jimenez-Espejo, C. Gomis, M. Fernandez, J. Vergés & R. De Vicente
The Mediterranean has become disconnected from the world's oceans and severely desiccated by evaporation since 5.3 million years ago during the Messinian salinity crisis...

LETTER
Messinian salinity crisis regulated by competing tectonics and erosion at the Gibraltar arc
D. Garcia-Castellanos & A. Villaseñor
The Messinian salinity crisis (5.3 to 5.57 million years ago) caused by reduced water inflow from the Atlantic Ocean to the Mediterranean has resulted in widespread salt precipitation and a dramatic Mediterranean sea-level of about 1.5 km lower than the present...