

Europlanet Outreach Video - “Astrobiology: Life in the Universe”

M. Barrosa (1,2), A. Heward (1, 2), on behalf of the Europlanet 2020-RI NA2 Outreach Team (1)
(1) Europlanet 2020 Research Infrastructure, (2) Science Office, Portugal
(mariana.barrosa@scienceoffice.org)

Abstract

“Astrobiology: Life in the Universe” is the third educational video in a series of animations produced in the framework of Europlanet’s ‘Impact through Outreach and Engagement’ work package with the aim of widening engagement with planetary science amongst Europe’s citizens. It explores the use of analogue field sites to study possible forms of life on other planets. To answer the question “Are we alone in the Universe?” the video shows how planetary scientists use the Earth as a laboratory to understand where life might arise on other planets and moons in our Solar System and beyond. The video highlights research linked to analogue field sites like Lake Tirez and Rio Tinto in Spain, and the Danakil depression in Ethiopia, where Europlanet offers access to planetary scientists and astrobiologists to visit and carry out experiments.