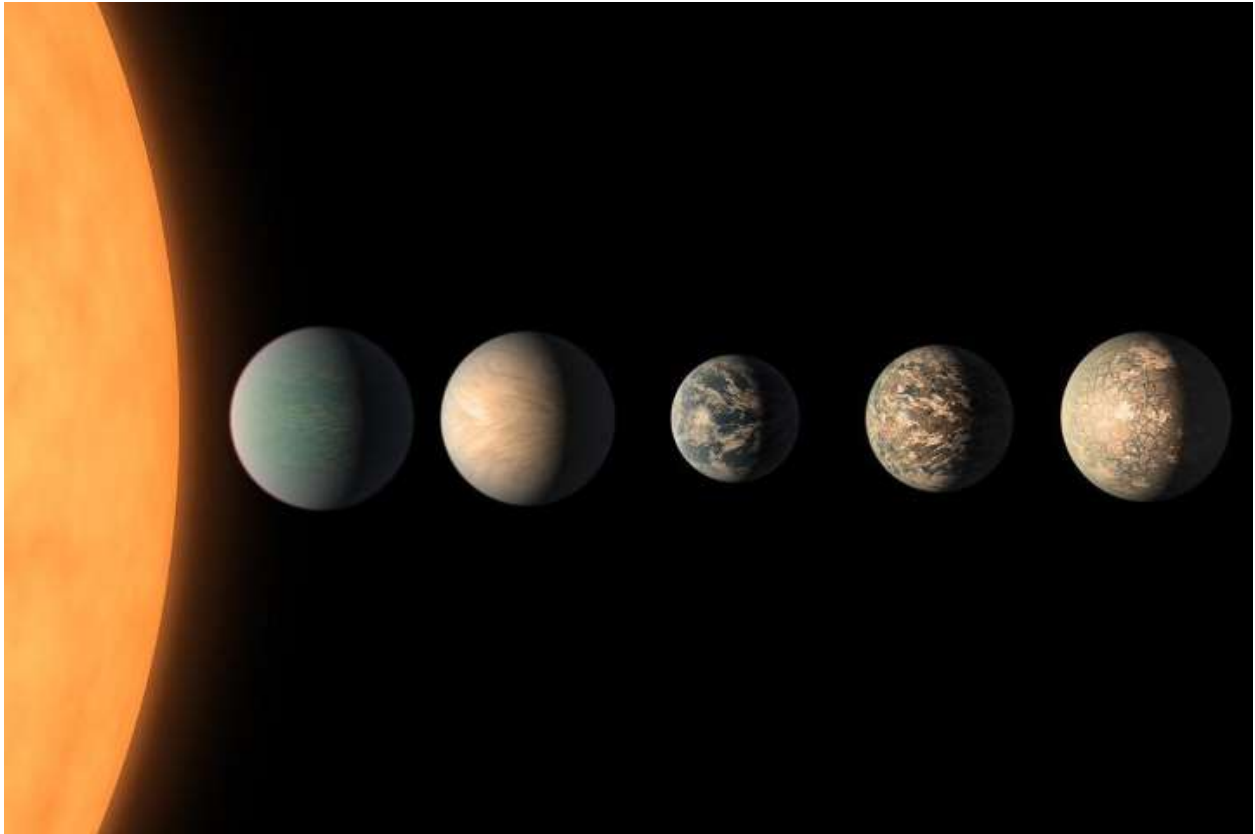


Article six : Other planets could have even more life than Earth does, scientists say

true

02-16-2020



I - SOURCE OF THE ARTICLE WITH PUBLICATION DATE AND WORD COUNT:

Source : <https://www.independent.co.uk/life-style/gadgets-and-tech/news/alien-life-other-planets-worlds-exoplanets-earth-science-2019-08-22.html>, August 22, 2019 Word count: 773

II - VOCABULARY:

Words from the text	Synonym/explanation in English	French translation
flourishing	thriving	florissant
upwelling	a liquid rising up	remontée

III - ANALYSIS TABLE ABOUT THE STUDY:

Researchers?	Dr Stephanie Olson
Published in? When (if mentioned)?	The Independent, August 22, 2019
General topic	Habitability of exoplanets, due to ocean upwelling, using NASA modelization softwares
Procedure/what was examined	Scientists used observations and models (NASA softwares) to understand how the atmosphere and oceans of exoplanets could work and impact the apparition and sustainability of life
Conclusion/discovery	Using models and observations, scientists concluded that some planets could be better suited to support life than the earth. For example, their oceans could be more active, bringing nutrients from the oceanic floor to the sunlit surface.
Remaining questions	Now that the theory is here, there need more and better observations. Some telescopes will be able to analyze the atmosphere of rocky planets in the foreseeable future, and maybe even their oceans. As a scientist from the GIT put it, “our understanding of oceans beyond our solar system is currently very rudimentary”.