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## Ninth planet in the solar system



Planet X

Earth





# Research field: planetary astronomy

 In 2014 astronomers discovered a true twin of the Earth in the red Dwarf system.





## Water on Mars



#### The discovery of the planet

• Chadwick Trujillo and Scott Sheppard published in Nature article which suggested that in a distance of 250 astronomical units from the sun there is a planet larger than Earth.

### The structure of the planet X



**NEPTUNE** 

Internal Structure of Uranus