Cubic Earth

"What would the earth's surface environment be like, if the earth was cubic?" This is not how it actually is in the real world, but we can better understand the earth's environment, where we live, when constructed it using this hypothesis.



How the earth would look like as a cubic earth [equatorial plane with sea] The earth's surface would be towering upwards to the corner or the edge depending on where you are,

The earth's surface would be towering upwards to the corner or the edge depending on where you are, as the earth's surface is seen horizontally on the global earth.





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For more information

A video and descriptions of "Cubic Earth" are provided at the website of the Japan Science Society.



Diagram of Cubic Earth [scale: 1/100 million]



Habitable zone

It is considered that appropriate temperature and the existences of gaseous oxygen and liquid water are necessary to preserve life. The area where life is supposed to survive is called habitable zone.

Karman line

Karman line is the threshold between the atmosphere and the outer space which is defined by the International Air Sports Federation, and is located at 100 km sea level altitude with an air pressure of 0.1 Pa for the global earth.