



The Geo-Cosmos, the symbol exhibit of Miraikan, produces a rendition of our Earth shining brightly in space with a super high precision exceeding 10 million pixels. It is the world's first "Globe-like display" using organic LED panels.

[Permanent Exhibition > Geo-Cosmos \[ Symbol Exhibit \]](#)

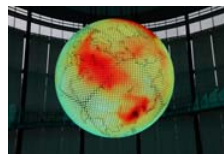
### The Earth

This movie captures cloud images observed by geostationary and polar satellites every single hour. With the data collected from satellites, you can see the weather over our planet.  
[Data provided by University of Wisconsin SSEC]



### CO<sub>2</sub> Concentration Past and Present

The map shows the carbon dioxide distribution observed by ground-based observation stations over last three decades. Many researchers indicate that the increasing of the CO<sub>2</sub> concentration is caused by the use of fossil beginning with the Industrial Revolution.  
[Data provided by Japan Meteorological Agency]



### Land Cover

The Land Cover shows how 20 types of land are classified based on data observed by the artificial satellite "Terra." Although urban areas where many people live only make up a part of the Earth, people's lives have an impact on the change in the land cover around the globe.



### Art Content by Mr. Ingo Gunther

Mr. Gunther has been utilizing the globe as a medium for his expression for over 20 years. The activities of humans are depicted by interweaving words and graphics.



### Miraikan "TSUNAGARI" Project

#### "TSUNAGARI" Project

Miraikan "TSUNAGARI" Project is a new project to understand your connection to the earth, centered on Geo-Cosmos. In this project, we can share scientific information with the world through a new form of visual expression, and provides us with awareness of our planet and our species."TSUNAGARI" Project Special Contents  
"TSUNAGARI" Project Special Contents

#### \*Geo-Scope

A total of 13 boards in large and small sizes will be aligned on the exhibition floor and you can search for information on the scale of Earth with an easily operated touch panel.



#### \*Geo-Palette

A total of 13 boards in large and small sizes will be aligned on the exhibition floor and you can search for information on the scale of Earth with an easily operated touch panel.  
Geo-Palette



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### Symbol Exhibit

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