

## Reappearance of the global climate using GIS and Map expression

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<http://www.t-map.co.jp/>

Expression of each phenomenon in Planetary and Geoscience is sufficient for the specialist, but especially for the beginner, it is not something which is easy to understand. On the other hand, Cartography is suitable to express the locational information because it has been considered the visual effect is more important. Therefore, there are less examples in Planetary and Geoscience which are utilized efficiently.

Since GIS become popular, the cartographic expression also spreads into many fields, and adaptations to such fields can be very effective enlightenment of Cartography.

Using meteorological data of NOAA and GIS, I will try to verify some cartographic expression by drawing up the climate map which is easy to understand in anyone.

Cartography is suitable to express the locational information for the expression of located information.

\*1:NOAA NCDC(National Climatic Data Center)

<http://www.ncdc.noaa.gov/oa/ncdc.html>

\*2:ESRI ArcInfo9.1, SpatialAnalyst, 3DAnalyst