TCC Training Seminar Training Seminar on Climate Analysis using Re-analysis Data Tokyo, 1-4 Dec. 2009

Training Seminar on Climate Analysis using Reanalysis Data - Exordium of this seminar -

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Purpose of this seminal

Let's cultivate our sensibility for climate analysis!



Climate mainly depends on geographic distribution of Continents and Oceans



Do you know the climate in Japan ?



Climates are quite different among cities even if they lie at the same latitude.

Do you exactly know the climate in Japan?



Do you exactly know the climate in Japan ?



Local topography has a large influence on the local climate.

To understand the climate, it is necessary to know how continental scale geography and local topography make influence on the climate there.



what kinds of phenomena should we focus on ?

Tempospatial diagram of climatic phenomena



Example for multi-scale interaction of climate system





Program of Basic Understanding for Climate Monitoring

- Outline of Climate System Monitoring
- Global Warming Trend and Decadal Oscillation
- Interannual Variability
- Intra-seasonal Variability

Showing examples analyzed with ITACS

Prediction skill of the seasonal prediction model

And then,

Let's move onto the ITACS world!

JMA Organization

Climate Prediction Division

