

CEOP-Tsukuba reference site in Japan

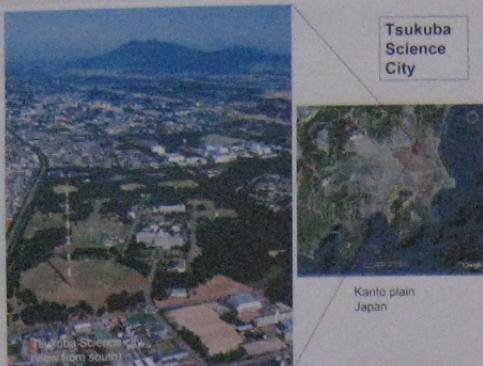
just opened!



Kenichi UENO
(Univ. Tsukuba)

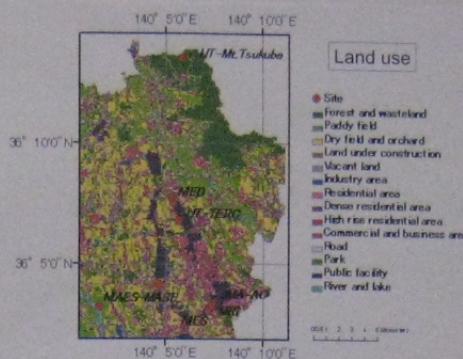


Sub-site
images



Characteristics of TSUKUBA

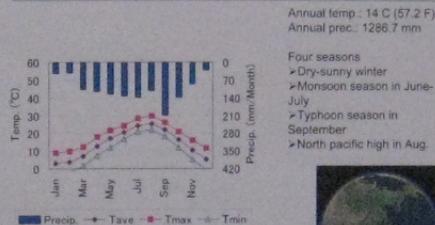
- Locating in the Kanto-plain (140E, 36N), 100 km north-east from the metropolitan Tokyo
- Merging 6 institutes with 5 key observatories (MRI,NIES,NIAES,NIED,UT,JMA-AO)
- Various landscape representing the temperate latitudes of the central Japan
- Maritime climate in the east of Eurasian continent under influences of Asian monsoon
- Scientists experienced GAME & CEOP1



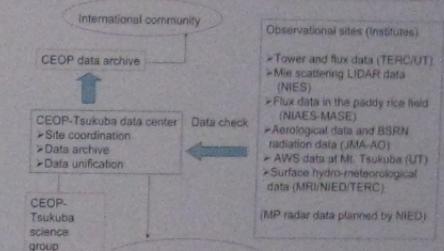
Location of the institutes (sites)
6 institutes
7 sub-sites

UT: University of Tsukuba
TERC: Terrestrial Environment Research Center
MRI: Meteorological Research Institute
NIED: National Research Institute for Earth Sciences and Disaster Prevention
NIAES: National Institute for Agro-Environmental Sciences
NIES: National Institute for Environmental Studies
JMA-AO: Japan Meteorological Agency / Aerological Observatory

Climate in Tsukuba

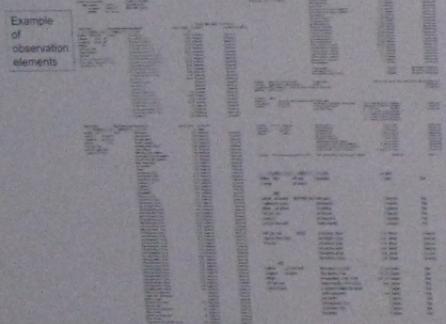


Frame work and data flow



Science topics

- Winter inversion layer and thermal belt at the edge of Mt. Tsukuba
- Surface flux heterogeneity and land-atmospheric interactions
- Monitoring of Dust and Sandstorms (DDS) from the Eurasian continent
- Seasonal variation of water/energy/CO₂ flux at paddy field
- Urbanization vs. global warming in the Kanto plain



CEOP-Tsukuba Team

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<Related links>
NIED: <http://www-fidar.nies.go.jp/>
UT/TERC: <http://www.suiri.tsukuba.ac.jp/indexE.html>