

A Data-Centric Approach to Earth Science Data

Meteoinformatics

Digital Typhoon

<http://www.digital-typhoon.org/>

Computational Science

Numerical Weather Prediction
Climate Change Simulation

Theoretic Science

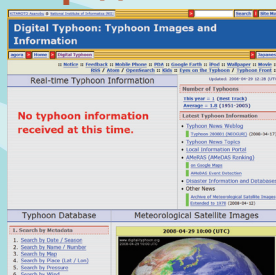
Atmospheric Dynamics
Atmospheric Processes

Empirical Science

Weather Lore

Heterogeneous Data Archive

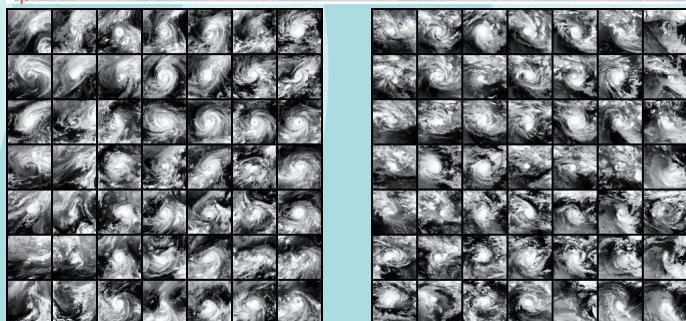
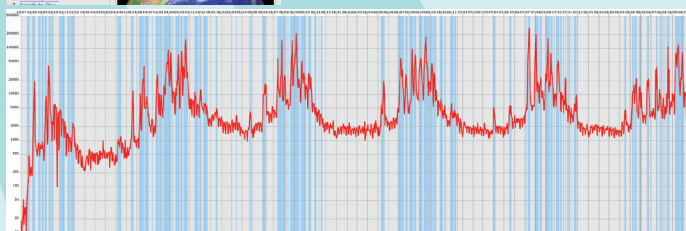
Satellite imagery (Himawari)	201,000
Typhoon image collection	152,000
Typhoon best track	2,500
AMeDAS observations	373,000,000
Mass media news articles	11,000
Participatory reports	1,200
Ground-based camera images	2,230,000
Disaster summary reports	10,800
Grid point value (GPV)	18,000



Opening: Jul 2003

Total page view: 80 million

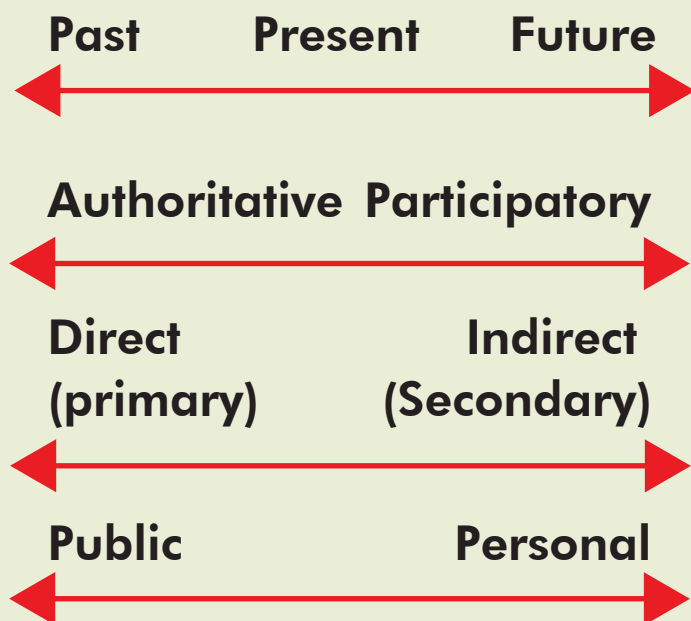
Daily max page view: 850,000



Content-based Image Retrieval

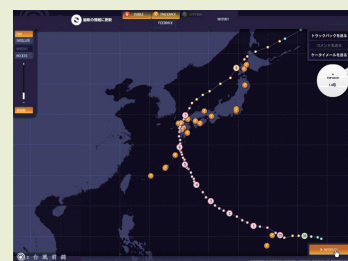


Classification of Typhoon Data



Participatory Media

Blog
Trackback
E-mail
Mobile Phone



Typhoon Front <http://front.eye.tc/>

Visualization of Observation Data

