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Data Archive

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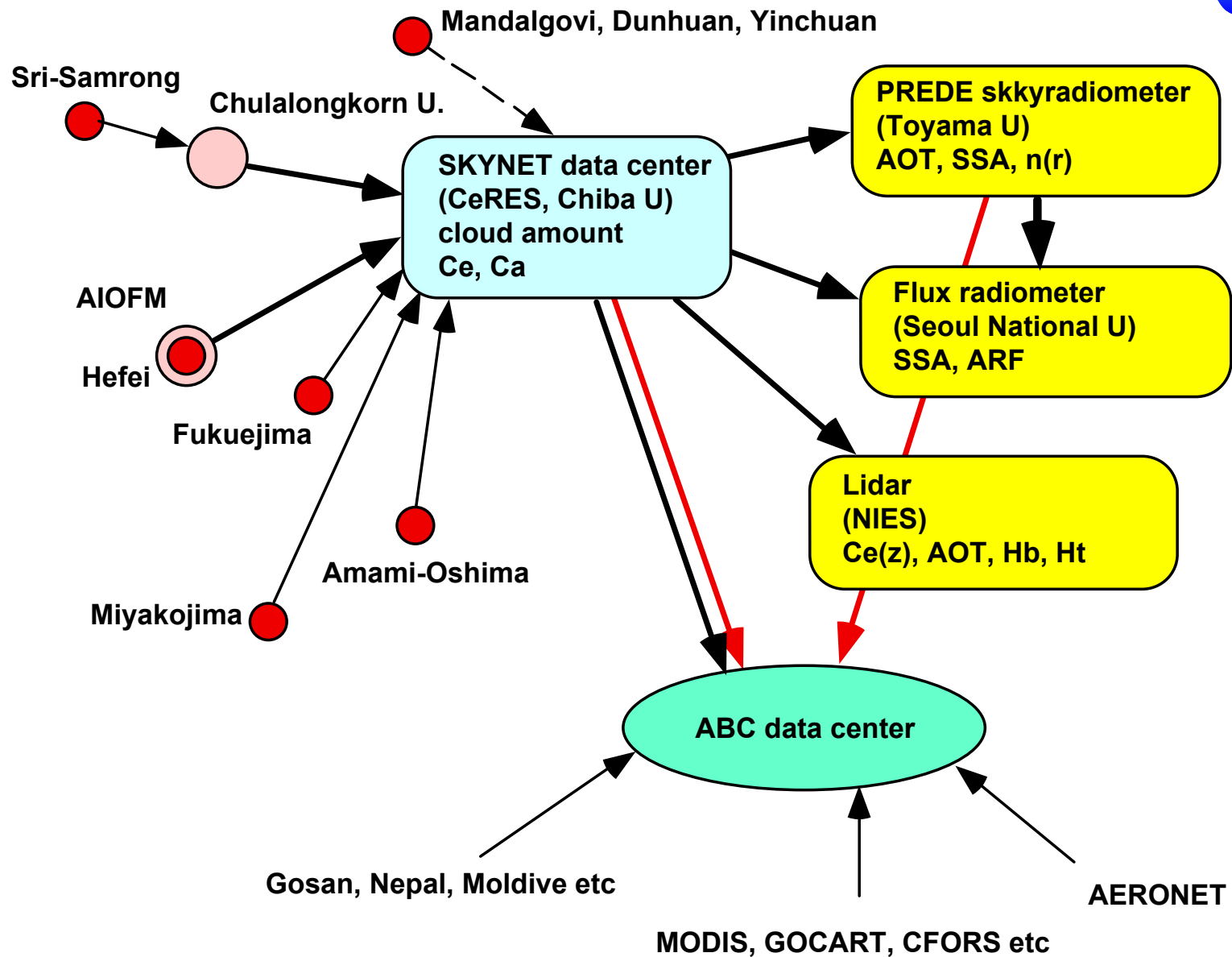
Data



- **Site data**
 - **On-line data**
 - **Off-line data: one to half a year delay**
- **Satellite data**
 - **LAC data: multiple stations to cover the ABC area**
 - **GAC data: several day to one month delay**
- **Auxiliary data (Objective data, O₃, surface wind, surface albedo)**
- **Model data**
 - **Regional models: CFORS**
 - **GCM models: GOCART, SPRINTARS**
- **Existing and proxy data**

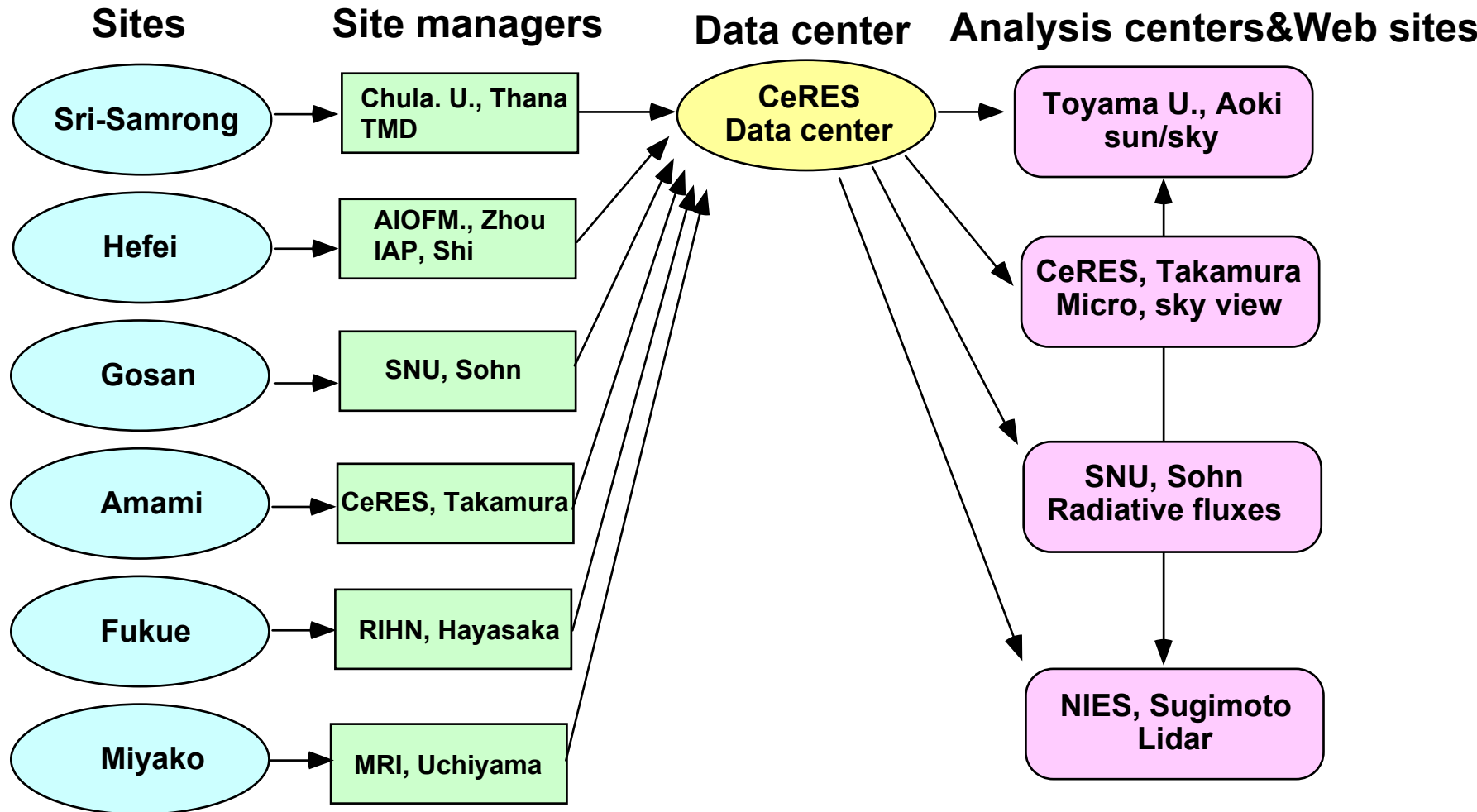
- **Web interface**
- **Mach-up function for validation**
- **Backward trajectory**
- **Forecasting mode and re-analysis mode**
- **Orbit information**

- **August 2004?**

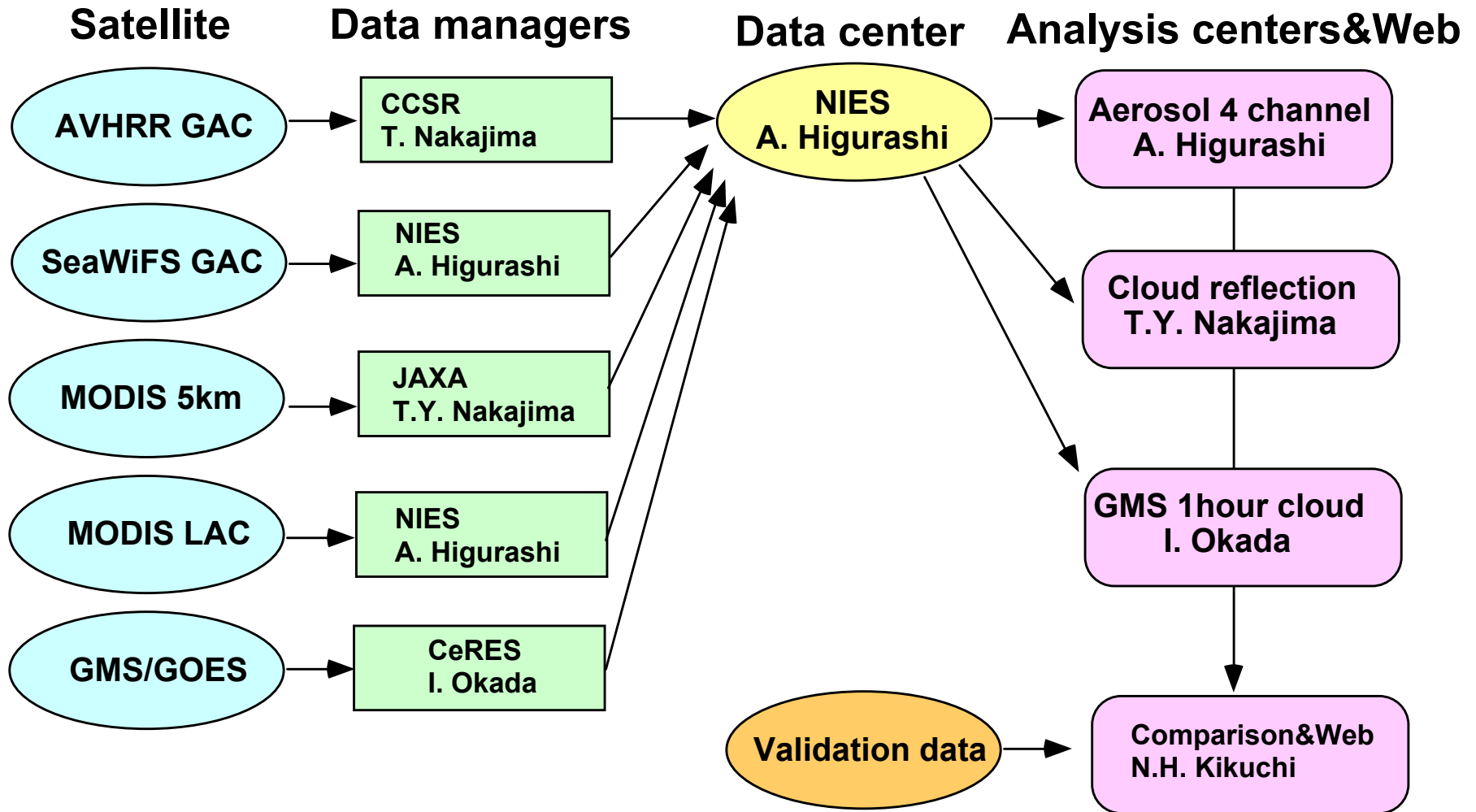


SKYNET data flow

Any new ideas??
Any contributors??



Satellite data flow



Operation

- **Semi-real time acquisition and processing**
- **24 hour continuous and long-term operation**
- **Sampling duration: 1 to 15 minutes**
- **Unified data transfer system (hardware and software)**
 - **SKYNET system: modem and internet**
 - **GAME-T system: mobile phone and internet**
 - **Geostationary satellite data collection system (AERONET)**
- **Distributed analysis centers**
- **ABC data center to archive and web-display all data**
 - **Scripps**
 - **Data format, Data base language**
- **Regional center: East Asian Center, S. Asia**
- **Unified quality control**
- **Discussion with GAW, BSRN, ARM and AERONET**
- **Performance monitoring**
- **Data distribution, data policy: priority**