Future Space-based Observing System
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General features of the WMO Vision of the GOS

- Higher spatial, spectral and temporal resolutions
- Integrated approach to meet the needs of different applications
- Diversity of orbits and sensors
- Interoperability through inter-calibration and data standardization
A snapshot on the vision / actual implementation

Geostationary component
- VIS/IR imagery
- IR hyperspectral
- Lightning imagers

Core sun-synchronous component imagery and sounding
- Hyperspectral: IASI, CrIS, HIRAS
- FY-3 on early morning (TBC)

Other missions:
- MW imagery
- Altimetry, scatterometry
- Radio-occultation
- Global Precipitation
- Atmospheric composition
- Earth Radiation Budget
- Multi-directional viewing IR imager

- User preparation needed!
- Sounders: from GOES & INSAT-3D to FY-4 and MTG-S
- Lightning mappers

Data accessibility …

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