CEOS Missions, Instruments and Measurements Database

2010 Update and Development

Dr. E. Oriol-Pibernat/ESA

2010 Database Updates

- CGMS relevant agencies involved
- Improved measurement confidence and data access information
- Continued coordination with WMO on information quality
- Continued coordination with the SEO on data refinement, applications and sharing

- **Overall improved utility for gap analysis and capability assessments**

2010 MIM Online Updates

- Enhanced timeline generation tool with graphic and table export capabilities
- Improved linkage to WMO GOS Dossier materials through collaboration with the SEO
- Improved linkage to the ESA's EO Portal
- Enhancements to descriptive information available online
  - ➢database.eohandbook.com

2010 Survey

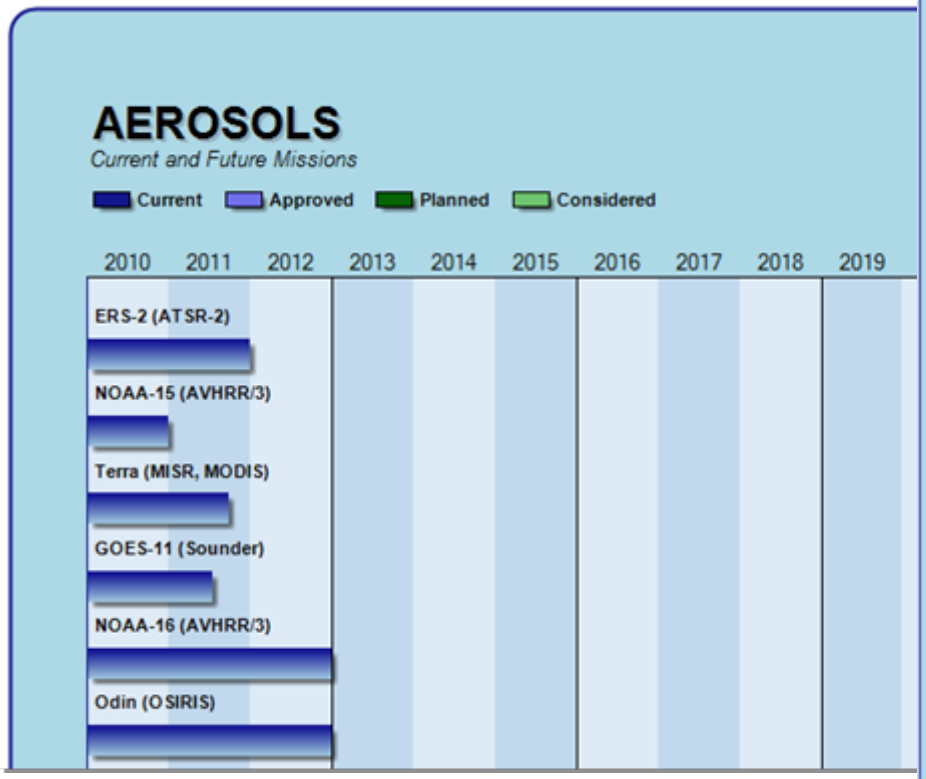
- The CEOS MIM update survey will start in early May and close in early June 2010.
- Updated information will be put online ahead of CEOS Plenary

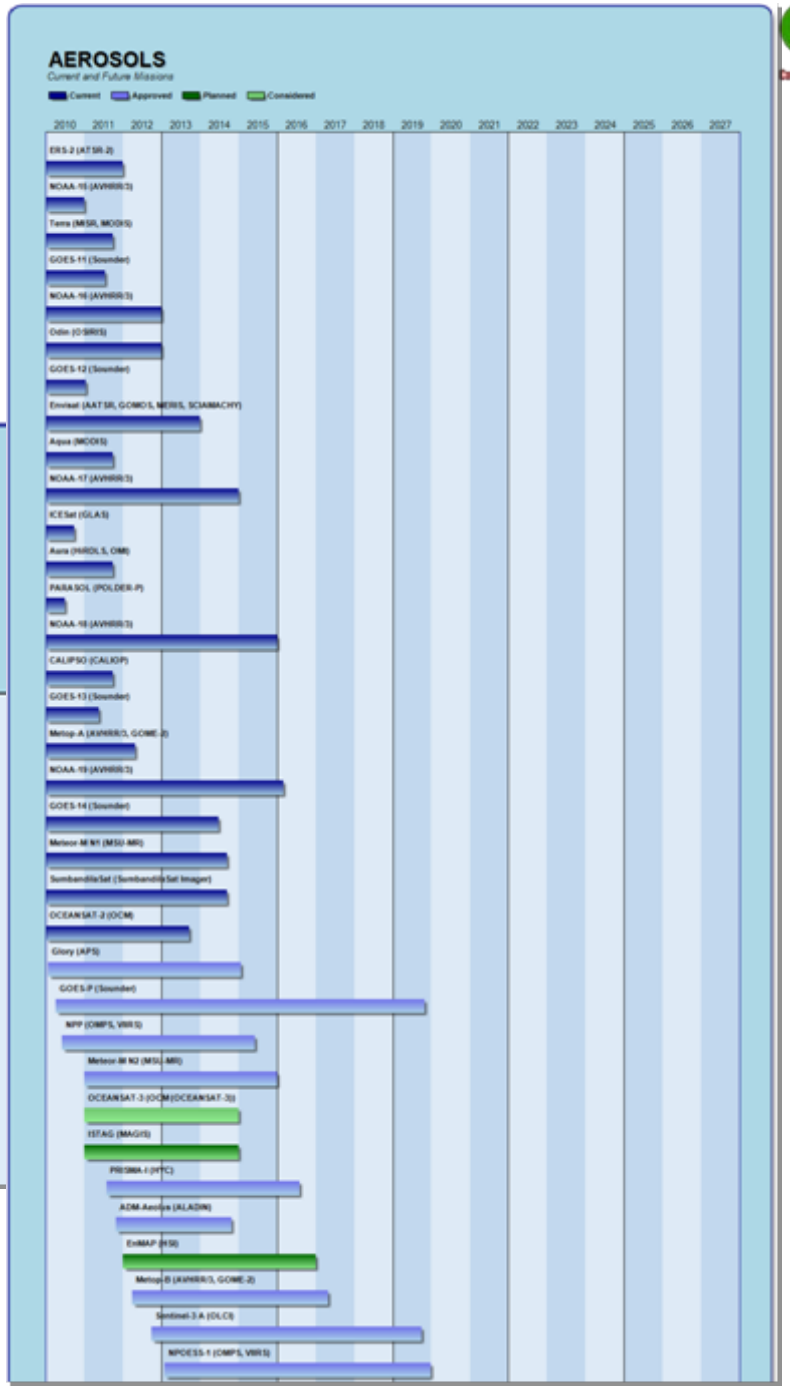
Please respond to the request for updated Agency MIM information

Tour

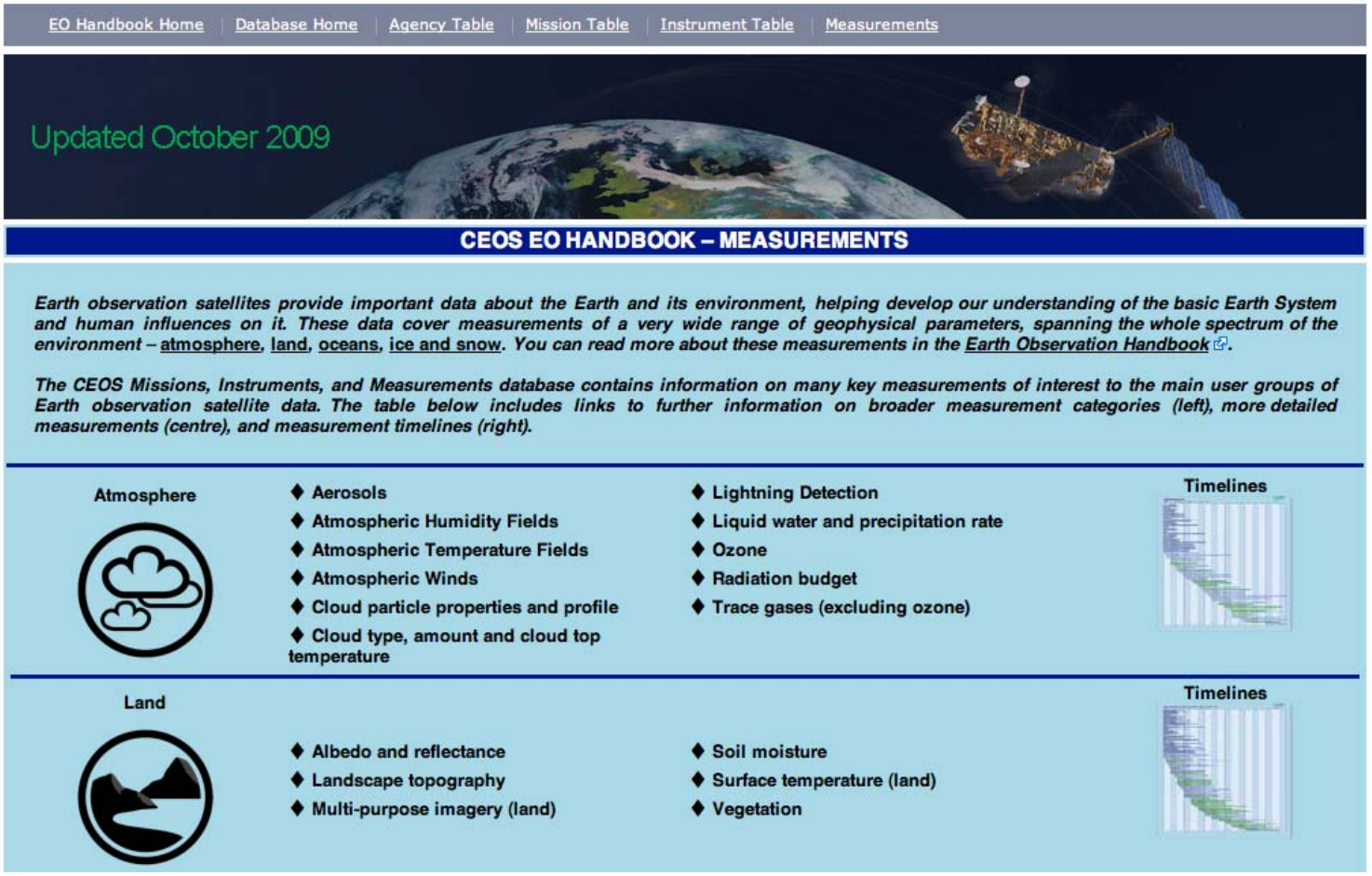
Screen Shots

Enhanced Timelines





Measurements Browser



Measurements Browser

CEOS EO HANDBOOK – MEASUREMENTS

Measurements > Atmosphere > Aerosols

Measurement type description needs to be added to the MIM DB.

Detailed Measurement	Description	Instruments	Timeline
Aerosol Extinction / Backscatter (column/profile)	Detailed measurement descriptions need to be added to the MIM DB.	**23 instruments**	
Aerosol optical depth (column/profile)	Detailed measurement descriptions need to be added to the MIM DB.	**28 instruments**	
Aerosol effective radius (column/profile)	Detailed measurement descriptions need to be added to the MIM DB.	**9 instruments**	
Visibility	Detailed measurement descriptions need to be added to the MIM DB.	**1 instrument**	
Volcanic ash	Detailed measurement descriptions need to be added to the MIM DB.	**7 instruments**	
Aerosol absorption optical depth (column/profile)	Detailed measurement descriptions need to be added to the MIM DB.	**19 instruments**	