

## CEOS Missions, Instruments and Measurements Database 2023 Survey Guide

### Survey Purpose and Background

The CEOS Earth Observation Handbook and underlying Missions, Instruments and Measurements Database (a.k.a. the CEOS Database, the MIM) represents the most widely distributed and referred to statement of civil Earth observation programmes and plans for space agencies world-wide. It therefore represents an extremely important outreach tool for every CEOS Agency to promote the capabilities and characteristics of their systems. And it is important to get the information right. We trust that all CEOS Agencies will continue to support this important activity and ensure that their national programmes feature appropriately.

In response to strong interest from the Handbook and Database user communities, including the CEOS SEO, the Database is updated at least annually – such that the information can be relied upon to be as current and accurate as possible. CEOS agencies are asked to review and update their mission and instrument information to record changes that have occurred since the 2022 version. The 2023 update will be available online at [database.eohandbook.com](http://database.eohandbook.com). Thousands of users from around the world (over 27,000 users from more than 173 countries between May 2022 and May 2023) visit this site each month to study the timelines and tables and to query the online database.

### Survey Tables

A summary of this year’s survey tables is included below, with a detailed description of each of the survey tables and fields found here:

<http://database.eohandbook.com/survey/tabledefinition.html>

Survey Process Tables	
Table Description	Key Review Points
The <b>Missions table</b> contains the name, dates and details of agency missions.	<ul style="list-style-type: none"><li>– Updated <b>launch</b> and <b>EOL dates</b>, and <b>status</b></li><li>– <b>New</b> and/or <b>deleted</b> missions</li></ul>
The <b>Instruments table</b> contains the name and details of agency instruments.	<ul style="list-style-type: none"><li>– Updated <b>status</b></li><li>– <b>New</b> and/or <b>deleted</b> instruments</li></ul>
The <b>Instruments Measurements table</b> contains a list of all agency instruments and their respective measurements.	<ul style="list-style-type: none"><li>– <b>Changes</b> to existing instruments</li><li>– <b>Measurements</b> for <b>new</b> instruments</li><li>– <b>Updates</b> to accuracy fields</li></ul>
The <b>Instruments Wavebands table</b> contains a list of all agency instruments and the wavebands they use.	<ul style="list-style-type: none"><li>– <b>Changes</b> to existing instruments</li><li>– <b>Wavebands</b> for <b>new</b> instruments</li></ul>

## Completing the Survey

The Excel file that has been included in your survey package has been generated specifically for your agency. It reflects the current data holdings for missions and instruments of your agency.

Key Survey Update Tasks	
Description	Tables Requiring Update
Adding a new mission	– <b>Missions:</b> add the mission name and details
Adding a new instrument	– <b>Instruments:</b> add the instrument name and details – <b>Instruments Measurements:</b> add as many measurement type parameters as appropriate for a given instrument – <b>Instruments Wavebands:</b> add as many instrument wavebands as appropriate for a given instrument

Respondents should note that a “Comments for the survey team” field has been included in each survey record. Entries into these fields will not be reflected directly in the CEOS Database, but these fields provide a place to provide feedback and/or additional information to the survey team. In addition, *read only* fields indicating when the record was last updated are included at the right-hand side of each record; this information may help to determine when information was last updated.

## Survey Deadlines and Support

*The Excel survey should be updated and returned to the CEOS DB survey team no later than **Friday 28 July 2023**.* Respondents should note that completing the survey might require information from across various departments in your agency, which may require additional time. Please start early to avoid delay. We want to ensure that your agency/country is represented accurately in the 2023 edition.

In addition to the materials provided, if you have questions or require further support please feel free to email the survey team at: [mimsurvey@symbios.space](mailto:mimsurvey@symbios.space).

*Thank you in advance for supporting this CEOS initiative.*