

WGCV Recommendation to CEOS (IVOS)

WGCV requirement:

To facilitate the identification of an optimum collaboration for implementation, requires a detailed design/optimisation review of the TRUTHS mission concept. This would result in a full set of instrument specifications optimised for functionality, accuracy and ability to establish traceability in-flight. Such a study would also consider the operational aspects of such a mission e.g. how best to transfer its calibrated spectral radiance values to other sensors with a particular emphasis on the mission ground-segment.

Recommendation:

CEOS agencies endorse the concept of establishing a “CEOS calibration mission” through a collaborative international partnership to address the specific needs of Climate Action A5 and the future ongoing calibration needs of GEOSS. As a first step towards such a mission, resource is requested to support a small design study, focused on the TRUTHS concept to establish a “straw-man” as a basis for international collaboration.

WGCV follow up Action:

CEOS WGCV IVOS sub-group to provide support to the study and ensure coordination with the broader CLARREO mission. Following the completion of the report the IVOS sub-group will identify potential collaboration opportunities between members based on the reports findings.