

55th CEOS Working Group on Calibration & Validation Plenary Meeting (WGCV-55)

July 8-11, 2025

Hyderabad, Telangana, India

Hosted by the Indian Space Research Organisation (ISRO)

Week at a Glance

	Tuesday, July 8	Wednesday, July 9	Thursday, July 10	Friday, July 11
am	Opening Session Action Updates Agency Reports	SAR Subgroup report LPV Subgroup report Pre-flight Workshop SITSat Task Team TMSG report	Commercial engagement session: • Activities of local commercial companies • Overview of WGCV capabilities • CEOS Product Validation Platform	ISRO NRSC - IMGEOS facility visit
pm	FRM Assessment Framework IVOS report MSSG report ISRO Cal/Val activities	ACSG report WGISS Interoperability Handbook Cal/Val Portal CEOS-ARD Surface Reflectance Quality and Consistency	The Future of CEOS-ARD GHG Cal/Val and Networks GSICS-WGCV Interactions Closing session	Cultural visit • Kanha Shanti Vanam • Golkonda Fort
	Host Dinner	Heritage monument visit: Golconda fort light show		Hyderabad night view or shopping

Agenda

Day 1: Tuesday, July 8, 2025

Location: Ellaa Hotel, Hyderabad, India

Webex link: <https://nrsc.webex.com/nrsc/j.php?MTID=m1c6bd4572146d476c3cd26ab1285d236>

(detailed connection information on final page)

Item	Topic	Time (IST)	
1.1	ISRO Headquarters Welcome	09:00	30 min
1.2	Welcome and Introduction <i>Medhavy Thankappan (GA), Cody Anderson (USGS)*</i> ➤ Overview of Agenda ➤ Tour de Table	09:30	25 min
1.3	Action Review <i>Harvey Jones (WGCV Secretariat)</i> ➤ Review of WGCV-54 open actions	09:55	20 min
1.4	ISRO Briefing Report	10:15	15 min
1.5	CEOS Executive Officer Report <i>Steven Ramage* (CEOS Executive Officer)</i>	10:30	15 min
Coffee Break and Group Photo		10:45	35 min
1.6	Geoscience Australia Agency Report <i>Medhavy Thankappan (GA)</i>	11:20	15 min
1.7	GISTDA Agency Report <i>Prayot Puangjaktha (GISTDA)</i>	11:35	15 min
1.8	CSIRO Agency Report <i>Cindy Ong (CSIRO)*</i>	11:50	15 min
1.9	ESA Agency Report <i>Paolo Castracane (ESA)</i>	12:05	15 min
1.10	FRM Assessment Framework <i>Paolo Castracane (ESA)</i>	12:20	40 min
Lunch Break		13:00	60 min
1.11	Infrared and Visible Optical Sensors (IVOS) Subgroup Report <i>Nigel Fox (NPL)</i>	14:00	45 min

[Presentation: 30 min, Discussion: 15 min]

1.12	Microwave Sensors Subgroup (MSSG) Report <i>Xiaolong Dong (CAS)*</i> [Presentation: 30 min, Discussion: 15 min]	14:45	45 min
-------------	---	-------	--------

Coffee Break		15:30	15 min
---------------------	--	-------	--------

1.13	ISRO Cal/Val activities <i>Santhi Sree Basavaraju (ISRO/NRSC), K.N.Babu (ISRO/SAC), M.V. Ramana</i>	15:45	60 min
-------------	--	-------	--------

<i>Buffer time</i>			15 min
--------------------	--	--	--------

Adjourn		17:00	
----------------	--	-------	--

Host Dinner			
--------------------	--	--	--

Day 2: Wednesday, July 9, 2025

Location: Ellaa Hotel, Hyderabad, India

Webex link: <https://nrsc.webex.com/nrsc/j.php?MTID=m1c6bd4572146d476c3cd26ab1285d236>

(detailed connection information on final page)

Item	Topic	Time (IST)	
2.1	Synthetic Aperture Radar (SAR) Subgroup Report <i>Stephane Cote (CSA)*</i> [Presentation: 30 min, Discussion: 15 min]	09:00	45 min
2.2	Land Product Validation (LPV) Subgroup Report <i>Fabrizio Niro (ESA)</i> [Presentation: 30 min, Discussion: 15 min]	09:45	45 min
2.3	Pre-flight Calibration Workshop outcomes and next steps <i>Nigel Fox (NPL), Albrecht Von Bargaen (DLR)*</i>	10:30	25 min
Coffee Break		10:55	20 min
2.4	SITSat Task Team update <i>Nigel Fox (NPL)</i>	11:15	15 min
2.5	Terrain Mapping Subgroup (TMSG) Report <i>Peter Strobl (EC-JRC)*</i> [Presentation: 30 min, Discussion: 15 min]	11:30	45 min

2.6	Atmospheric Composition Subgroup (ACSG) Report <i>Jean-Christopher Lambert (BIRA-IASB)</i> [Presentation: 30 min, Discussion: 15 min]	12:15	45 min
Lunch Break		13:00	60 min
2.7	WGCV inputs to the WGISS Interoperability Handbook <i>Nitant Dube (ISRO), Cody Anderson (USGS)*</i>	14:00	30 min
2.8	Cal/Val Portal <i>Paolo Castracane (ESA)</i>	14:30	15 min
2.9	CEOS-ARD Data Quality <i>Medhavy Thankappan (GA), Matt Steventon (CEOS-ARD Secretariat)*</i>	14:45	50 min
<i>Buffer time</i>			5 min
Coffee Break		15:40	20 min
2.10	Surface Reflectance Quality and Consistency <i>Josh Sixsmith (GA)*, Medhavy Thankappan (GA)</i>	16:00	35 min
2.11	Report on the Surface Characterisation and Validation from Ground-Based Networks and Space Workshop 2025 <i>Fabrizio Niro (ESA), Nigel Fox (NPL)</i>	16:35	15 min
<i>Buffer time</i>			10 min
Adjourn		17:00	
Heritage monument visit <i>Golconda fort light show</i>			

Day 3: Thursday, July 10, 2025

Location: Ellaa Hotel, Hyderabad, India

Webex link: <https://nrsc.webex.com/nrsc/j.php?MTID=m1c6bd4572146d476c3cd26ab1285d236>

(detailed connection information on final page)

Item	Topic	Time (IST)	
3.1	Welcome and Session Overview <i>Medhavy Thankappan (GA), Cody Anderson (USGS)*</i>	09:00	15 min
3.2	NewSpace India LTD (NSIL)	09:15	20 min

3.3	SatSure <i>Divya Sharma (SatSure)</i>	09:35	20 min
3.4	KaleidEO <i>Ankur Singhai (KaleidEO)</i>	09:55	20 min
3.5	Dhruva Space	10:15	20 min
Group Photo & Coffee Break		10:35	30 min
3.6	Azista Aerospace Ltd <i>Bharath Simha Reddy Pappula (Azista)</i>	11:05	20 min
3.7	Pixxel <i>Mihir Paranjape, Rahul Raj, Rakesh Singh (Pixxel)</i>	11:25	20 min
3.8	Overview of WGCV Capabilities <i>Cody Anderson (USGS)*</i>	11:45	15 min
3.9	CEOS Product Validation Platform <i>Nigel Fox (NPL)</i>	12:00	25 min
3.10	The Future of CEOS Analysis Ready Data <i>Matt Steventon (CEOS-ARD Secretariat)*</i>	12:25	25 min
<i>Discussion / Buffer time</i>			10 min
Lunch Break		13:00	60 min
3.11	JAXA Agency Report <i>Kazuhisa Tanada (JAXA)*</i>	14:00	10 min
3.12	GHG Cal/Val and Networks <i>Jean-Christopher Lambert (BIRA-IASB), Kazuhisa Tanada (JAXA)*</i>	14:10	45 min
Coffee Break		14:55	10 min
3.13	GSICS-WGCV Interactions <i>Paolo Castracane (ESA), Bojan Bojkov (GSICS)*</i>	15:05	20 min
3.14	Closing session and review of actions ➤ Future meetings <i>Cody Anderson (USGS)*, Harvey Jones (WGCV Secretariat)</i>	15:25	35 min
Adjourn		16:00	

Day 4: Friday, July 11, 2025

Morning: ISRO NRSC - IMGEOS facility visit

Afternoon: Cultural visit: Kanha Shanti Vanam and Golkonda Fort

Evening: Hyderabad night view or shopping

Connection details

<https://nrsc.webex.com/nrsc/j.php?MTID=m1c6bd4572146d476c3cd26ab1285d236>

Meeting number: 2510 694 0537

Password: DHemKrks727

Join by video system

Dial 25106940537@nrsc.webex.com

You can also dial 210.4.202.4 and enter your meeting number.

Join by phone

+65-6703-6949 Singapore Toll