

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	Welcome by ISRO: WGCV-55 Delegates	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 [slides] <i>Harvey Jones (WGCV Secretariat)</i> ➤ Review of WGCV-54 open actions	09:55	20 min
1.4	ISRO's EO Programme in Brief [slides]	10:15	15 min
1.5	CEOS Executive Officer Report [slides] <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 [slides] <i>Medhavy Thankappan (GA)</i>	11:20	15 min
1.7	CSIRO Agency Report [slides] <i>Cindy Ong (CSIRO)*</i>	11:35	15 min
1.8	ESA Agency Report [slides] <i>Philippe Goryl (ESA)*</i>	11:50	15 min
1.9	GISTDA Agency Report [slides] <i>Prayot Puangjaktha (GISTDA)</i>	12:05	15 min
1.10	FRM Assessment Framework [slides] <i>Paolo Castracane (ESA)</i>	12:20	40 min
Lunch Break		13:00	60 min
1.11	Microwave Sensors Subgroup (MSSG) Report [slides] <i>Xiaolong Dong (CAS)*</i> [Presentation: 30 min, Discussion: 15 min]	14:00	45 min

1.12	ISRO Cal/Val Activities [slides] <i>Santhi Sree Basavaraju (ISRO/NRSC), K.N.Babu (ISRO/SAC), M.V. Ramana</i>	14:45	60 min
Coffee Break		15:45	15 min
1.13	Infrared and Visible Optical Sensors (IVOS) Subgroup Report [slides] <i>Nigel Fox (NPL)</i> [Presentation: 30 min, Discussion: 15 min]	16:00	45 min
<i>Buffer time</i>			15 min
Adjourn		17:00	
Host Dinner			

Day 2: Wednesday, July 9, 2025

Location: Ellaa Hotel, Hyderabad, India

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Item	Topic	Time (IST)	
2.1	Synthetic Aperture Radar (SAR) Subgroup Report and SARCalNet Report [slides] <i>Stephane Cote (CSA)*, Bruce Chapman (JPL)*</i> [Presentation: 30 min, Discussion: 15 min]	09:00	45 min
2.2	Land Product Validation (LPV) Subgroup Report [slides] <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 [slides] <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 [slides] <i>Nigel Fox (NPL)</i>	11:15	15 min
2.5	Terrain Mapping Subgroup (TMSG) Report [slides] <i>Peter Strobl (EC-JRC)*</i> [Presentation: 30 min, Discussion: 15 min]	11:30	45 min

2.6	Atmospheric Composition Subgroup (ACSG) Report [slides] <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 [slides] <i>Nitant Dube (ISRO), Cody Anderson (USGS)*</i>	14:00	30 min
2.8	Cal/Val Portal [slides] <i>Paolo Castracane (ESA)</i>	14:30	15 min
2.9	CEOS-ARD Data Quality [slides] <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 [slides] <i>Josh Sixsmith (GA)*</i>	16:00	35 min
2.11	Report on the Surface Characterisation and Validation from Ground-Based Networks and Space Workshop 2025 [slides] <i>Fabrizio Niro (ESA)</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

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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) [slides] <i>Shiva Reddy Koti (NSIL)</i>	09:15	25 min
3.3	SatSure [slides] <i>Divya Sharma (SatSure)</i>	09:40	20 min
3.4	KaleidEO [slides] <i>Ankur Singhai (KaleidEO)</i>	10:00	20 min
<i>Buffer time</i>			15 min
Group Photo & Coffee Break		10:35	20 min
3.5	Azista Aerospace Ltd [slides] <i>Bharath Simha Reddy Pappula (Azista)</i>	10:55	20 min
3.6	Pixxel [slides] <i>Rahul Raj (Pixxel)</i>	11:15	20 min
3.7	Antaris Space [slides] <i>Alok Parashar (Antaris)</i>	11:35	20 min
3.8	Overview of WGCV Capabilities [slides] <i>Medhavy Thankappan</i>	11:55	15 min
3.9	CEOS Product Validation Platform [slides] <i>Nigel Fox (NPL)</i>	12:10	25 min
3.10	The Future of CEOS Analysis Ready Data [slides] <i>Matt Steventon (CEOS-ARD Secretariat)*</i>	12:35	25 min
Lunch Break		13:00	60 min
3.11	JAXA Agency Report [slides] <i>Kazuhisa Tanada (JAXA)*</i>	14:00	10 min
3.12	GHG Cal/Val and Networks [slides] <i>Jean-Christopher Lambert (BIRA-IASB), Hiroshi Suto (JAXA)*</i>	14:10	45 min
Coffee Break		14:55	10 min
3.13	GSICS-WGCV Interactions [slides] <i>Paolo Castracane (ESA)</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

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