



Joint meeting of the
**Working Group on Calibration and Validation
(WGCV)-35**
and the
**Working Group on Information Systems and Services
(WGISS)-34**
September 24-28, 2012
Hyderabad, India
Hosted by the Indian Space Research Organisation (ISRO)

AGENDA

Key:

Indicates joint meeting of WGCV-35 and WGISS-34

Indicates separate WGCV-35 Plenary Session

Indicates separate WGISS-34 Plenary Session

CEOS WGCV-35/WGISS-34

WGCV-35 Pre-Meeting Planning, Sunday, September 23rd 4:00-6:00 pm

Location: Hotel Premises (designated planning personnel, subgroup chairs, etc.)

| | |
|---------|---------------------------|
| 4:00 pm | WGCV Planning |
| 5:00 pm | QA4EO Implementation Plan |
| 6:00 pm | <i>Adjourn</i> |

WGISS-34 Pre-Meeting Planning, Sunday, September 23rd 5:00-6:00 pm

Location: Hotel Premises (designated personnel)

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|-----------|----------------|
| 5:00 p.m. | WGISS Planning |
| 6:00 p.m. | <i>Adjourn</i> |

Day 1: Monday, September 24, 2012

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| 8:00 am | Busses Leave for NRSC (all other days at 8:30) |
| 9:00 am | <i>Registration/coffee</i> |

Session 1: WGCV-35/WGISS-34 Joint Inaugural Session

Location: NRSC Auditorium

| | | |
|----------|---|--|
| 9:30 am | Welcome and Introductions | WGCV and WGISS Chairs Greg Stensaas and Satoko Miura |
| 9:40 am | Adoption of Agenda(s) | WGCV/WGISS Chairs |
| 9:50 am | Host Welcome and Logistics Information | Rajeev Jaiswal and Senthil Kumar, ISRO |
| 10:00 am | Host Welcome Opening Address | Kiran Kumar, CEOS Chair VK Dadhwal, Director, NRSC PG Diwakar, ISRO HQ |
| 10:30 am | <i>Break</i> | |
| 10:50 am | Summary of SIT Meeting and the CEOS | Brian Killough for CEOS CEO |
| 11:20 am | Summary of Previous Joint Meeting and Key WG Efforts | WGCV/WGISS Chairs |
| 11:50 am | IN-02-01 Overview | Satoko Miura |
| 12:20 pm | IN-02-01 QA4EO Implementation | Greg Stensaas |
| 12:50 pm | Joint WG Interaction Requirements/Wrap up Session 1 | All |
| 1:00 pm | <i>Lunch</i> | |

Session 2: WGCV-35 Plenary

(WGCV-35 and WGISS-34 **Joint Sessions** will reconvene on Wednesday)

Location: Hall 1

| | | |
|---------|--|---------------------------------|
| 2:00 pm | Adoption of Minutes from WGCV-34 | WGCV Chair and WGCV Secretariat |
| 2:10 pm | Adoption of WGCV-35 Agenda | WGCV Chair and WGCV Secretariat |
| 2:20 pm | Discussion of WGCV-35 Meeting Objectives | Stensaas |
| 2:50 pm | WGCV Vice Chair Nomination and Election Process | Srivastava/Jucht |
| 3:10 pm | Presentation by WGCV Nomination | von Bargaen |
| 3:30 pm | Election | all |
| 3:45 pm | <i>Break</i> | |
| 4:00 pm | Election Results/Acceptance | Srivastava/Jucht/Newly Elected |
| 4:15 pm | WGCV Chair Report | Stensaas |

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|---------|----------------------------|------------|
| 4:50 pm | WGCV Actions Update | Jucht |
| 5:10 pm | Actions Reports/Discussion | All |
| 5:20 pm | Wrap up Session 2 | Srivastava |
| 5:30 pm | <i>Adjourn</i> | |

Session 2: WGISS-34 Plenary

(WGCV-35 and WGISS-34 **Joint Sessions** will reconvene on Wednesday)

Location: Hall 2

| | | |
|---------|---|-----------|
| 2:00 pm | Chair Report | Miura |
| 2:30 pm | SEO Data Policy Study, Status Report to WGISS | Killough |
| 3:15 pm | 5-Year Plan | Cudlip |
| 3:45 pm | <i>Break</i> | |
| 4:00 pm | 5-Year Plan, Continued | Cudlip |
| 4:15 pm | Future Meetings | Moreno |
| 4:30 pm | TBD | |
| 5:15 pm | Minutes and Action Items Review | Piepgrass |
| 5:30 pm | <i>Adjourn</i> | |

Day 2: Tuesday, September 25, 2012

8:30 am Busses leave for NRSC

9:00 am *Registration/coffee*

Session 3: WGCV-35 Plenary

Location: Hall 1

Agency Reports

9:30 am DLR von Bargaen

9:55 am ESA Bojkov

Subgroup Reports (include slide(s) on WG and VC interaction needs and specific slide on WGISS interaction requirements)

10:10 am ACSG Bojkov

(include AC – VC update/comments)

10:30 am *Break*

10:45 am IVOS Fox

11:10 am LPV Nightingale

11:35 am MSSG Dong

12:00 am TMSG Muller

12:25 pm Wrap-Up Session 3 Stensaas

1:00 pm *Lunch*

Session 3: WGISS-34 Plenary

Location: Hall 2

9:30 am WISP Yapur

10:00 am GA.4.Disasters project Moe/Skakun

Architecture Document status
Case Study Findings
Status and expected outcomes
from GEOSS AIP-5

10:30 am *Break*

10:45 am GA.4.Disasters project (continued) Moe/Skakun

Findings from the July ESA
forum on Understanding Risk
with Earth observation
Preliminary Recommendations
to CEOS regarding architecture
findings
Next steps

12:30 pm Water Portal Project Kawai

1:00 pm *Lunch*

Session 4: WGCV-35 Plenary

Location: Hall 1

| | | |
|---------|-----------------------------------|---------------------|
| 2:00 pm | SAR | Srivastava for Zink |
| 2:25 pm | CEOS/GEO Task Overview | Stensaas |
| 2:30 pm | Task Plan IN-02-C1_3&5 | Stensaas |
| 2:50 pm | Task Plan IN-02-C1_2 | Fox |
| 3:10 pm | Task Plan IN-02-C1_4 | Goryl |
| 3:30 pm | <i>Break</i> | |
| 3:45 pm | Task Plan IN-02-C2_1 | Muller |
| 4:05 pm | QA4EO Way Forward | Stensaas/Fox |
| 4:30 pm | WGCV Task Support Needs From CEOS | Srivastava |
| 5:00 pm | Joint Meeting Preparation | Srivastava/All |
| 5:15 pm | Wrap up Sessions 3 & 4 | Stensaas |
| 5:30 pm | <i>Adjourn</i> | |

Session 4: WGISS-34 Plenary

Location: Hall 2

| | | |
|---------|-----------------------------------|----------|
| 2:00 pm | Data Stewardship Interest Group | Faundeen |
| | Archive Environmental Data | |
| | Logger Network Update | |
| | Data Browse Statement | |
| | Browse Guidelines Document | Kudo |
| | <i>ESA Long-Term Data</i> | |
| | <i>Preservation (LTDP) Update</i> | Moreno |
| | New Topic Discussion | |

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|---------|--|------------|
| 2:30 pm | Virtual Constellations Interest Group LSI Update Forest Carbon Tracking (FCT) Global Forest Observations Initiatives (GFOI) Space Data Coordination Group (SDCG) Joint Experiment for Crop Assessment & Monitoring (JECAM) GEO Global Agricultural Monitoring (GEOGLAM) | Faundeen |
| 3:30 pm | <i>Break</i> | |
| 3:45 pm | Discussion on Joint Activities with WGCV | All |
| 5:15 pm | Minutes and Action Items Review | Pieprgrass |
| 5:30 pm | <i>Adjourn</i> | |

Day 3: Wednesday, September 26, 2012

8:30 am Busses Leave for NRSC

9:00 am *Registration/Coffee*

Session 5: WGCV-35/WGISS-34 Joint Session

Location: NRSC Auditorium

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|----------|--|---------------------|
| 9:30 am | Welcome | WGCV/WGISS Chairs |
| 9:40 am | ISRO Host Presentation (WGISS) | Nitant Dube |
| 10:00 am | ISRO Host Presentation (WGCV) | A Senthil Kumar |
| | QA4EO Resourcesat Cross-Comparison | |
| 10:15 am | ISRO Host Presentation (WGCV) | B Kartikeyan |
| | Site Characterization for LSI, Lunar Cal | |
| 10:30 am | ISRO Host Presentation (WGCV) | K N Babu/A K Shukla |
| | Ocean Buoy for Ocean Sensors | |
| 10:45 am | ISRO Host Presentation (WGCV) | Pradeep Thapliyal |
| | Cross-Comparison of Met Sensors | |
| 11:00 am | <i>Break</i> | |
| 11:20 am | WGISS Joint Proposed Efforts | Satoko Miura |
| 11:55 am | WGCV Joint Proposed Efforts | Greg Stensaas |
| 12:30 pm | CWIC Tool Demonstration | Yonsook Enloe |
| 1:00 pm | <i>Lunch</i> | |

Session 6: WGCV-35/WGISS-34 Joint Session

Location: NRSC Auditorium (and Halls 1 & 2)

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|---------|---|-----------------------------|
| 2:00 pm | Discussion of Current and Future Proposed Efforts | All |
| 3:00 pm | Break up into facilitation groups for joint efforts: Include future plans and milestones | Greg Stensaas, Satoko Miura |
| 3:40 pm | <i>Break</i> | |
| 4:00 pm | COVE Tool Demonstration | Brian Killough |
| 4:40 pm | Showcases Status (AC, FCT, Elevation) | Greg Stensaas |
| 5:00 pm | Presentation and Discussion of Joint Efforts: Include best practices and how to identify key partners | Determined at 3:00 session |
| 5:30 pm | Wrap up Sessions 5 & 6 | Satoko Miura, Greg Stensaas |
| 5:45 pm | <i>Adjourn</i> | |

Day 4: Thursday, September 27, 2012

8:30 am Busses Leave for NRSC

9:00 am *Registration/Coffee*

Session 7: WGCV-35 Plenary

Location: Hall 1

Special Topics Reports:

| | | |
|----------|--|--------------|
| 9:30 am | COVE Requirement for/by WGCV | Killough/All |
| 9:45 am | Website updates and Test site Discussion | Malthus |
| 10:05 am | Revamped IVOS Instrument Site Concept | Fox/Chander |
| 10:25 am | LSI Implementation | Faundeen |
| 10:45 am | <i>Break</i> | |

Agency Reports:

| | | |
|----------|------------------|-------------------------|
| 11:00 am | NOAA, USA | Blonski |
| 11:20 am | CSA, Canada | Srivastava |
| 11:40 am | CSIRO, Australia | Malthus |
| 12:00 pm | GA, Australia | Thankappan |
| 12:20 pm | INPE, Brazil | Fonseca |
| 12:40 pm | ISRO, India | Samir/Kumar/Karthikeyan |
| 1:00 pm | <i>Lunch</i> | |

Session 7: WGISS-34 Plenary

Location: Hall 2

| | | |
|----------|---|----------------|
| 9:30 am | CWIC | Enloe Yapur |
| 9:55 am | CWIC Report Integration with GCI Reviewing hierarchical search – Directory/Inventory General Status | Enloe |
| 10:20 am | CWIC-Start status and future work How to narrow list of datasets from IDN | Mitchell |
| 10:45 am | <i>Break</i> | |
| 11:00 am | LSI Portal Demo & Report | Faundeen |

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|----------|-------------------------------------|-----------------|
| 11:20 am | GHRST CWIC Partner | Yapur for Casey |
| 11:40 am | CCRS Portal and Data Partner Status | Theophilos |
| 12:00 pm | JAXA Status & Experiences | Kudo |
| 12:10 pm | AOE Status & Experiences | Li |
| 12:20 pm | The New CLASS API | Yapur |
| 12:40 pm | CWIC Doc Builder Demo | Morahan |
| 1:00 pm | <i>Lunch</i> | |

Session 8: WGCV-35 Plenary

Location: Hall 1

Agency Reports, continued:

| | | |
|----------|------------------------|---------------|
| 2:00 pm | AOE, CAS | Li |
| 2:20 pm | JRC, EC | Widlowski |
| 2:40 pm | NASA, USA | Killough |
| 3:00 pm | NSSC, China | Dong |
| 3:20 pm. | Norwegian Space Center | Herland |
| 3:40 pm | <i>Break</i> | |
| 4:00 pm | ROSCOSMOS, Russia | Denisov |
| 4:20 pm | UKSA, UK | Fox or Muller |
| 4:40 pm | USGS, USA | Chander |
| 5:00 pm | WUR/Netherlands | Reuter |
| 5:20 pm | Wrap up Sessions 7 & 8 | Stensaas |
| 5:30 pm | <i>Adjourn</i> | |

Session 8: WGISS-34 Plenary

Location: Hall 2

| | | |
|---------|----------------------------|---------|
| 2:00 pm | Outreach/Closing Remarks | Yapur |
| 2:10 pm | IDN | Morahan |
| | Metadata Web Service (MWS) | |
| | Keyword Management System | |
| | (KMS) Web Service | |
| | New IDN Development | |
| | IDN Metrics | |

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|---------|---|-----------|
| 2:40 pm | Technology Exploration User Registration and Authentication Data Access Methodologies (i.e. OPeNDAP, WMS) Reference Architecture GRID Infrastructure Agency Topics of Interest | Mitchell |
| 3:40 pm | <i>Break</i> <u>Agency Reports</u> | |
| 4:00 pm | JAXA | Kawai |
| 4:15 pm | NASA | Mitchell |
| 4:30 pm | GSDI Liaison | Remetey |
| 4:45 pm | 5-Year Plan Discussion | Cudlip |
| 5:15 pm | Minutes and Action Items Review | Piepgrass |
| 5:30 pm | <i>Adjourn</i> | |

Day 5: Friday, September 28, 2012

8:30 am Busses Leave for NRSC

9:00 am *Coffee*

Session 9: WGCV-35/WGISS-34 Joint Session

Location: Auditorium

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|----------|--|-------------------------------|
| 9:30 am | Discussion of Joint Task Efforts | Satoko Miura Greg Stensaas |
| 10:00 am | WGCV/WGISS Joint Recommendations to CEOS and GEO | WGCV/WGISS Chairs/All |
| 10:30 am | Closing of WGCV-35/WGISS-34 Joint Session | WGCV/WGISS Chairs |
| 11:00 am | <i>Break</i> | |

Session 10: WGCV-35 Plenary

Location: Hall 1

| | | |
|----------|------------------------------|----------------------------|
| 11:30 am | WGCV Work Plan | Srivastava |
| 12:00 pm | Update WG and VC Interaction | Stensaas |
| 12:30 pm | LSI | Faundeen |
| 12:45 pm | AC | Bojkov/von Bargaen/Lambert |
| 1:00 pm | <i>Lunch</i> | |

Session 10: WGISS-34 Plenary

Location: Hall 2

| | | |
|----------|--|-----------|
| 11:15 am | WGISS Summary | Miura |
| 12:00 pm | Action Items Status | Piepgrass |
| 12:30 pm | Plenary direction to Subgroups, Concluding Remarks | Miura |
| 1:00 pm | <i>Adjourn/Lunch</i> | |

Session 11: WGCV-35 Plenary

Location: Hall 1

| | | |
|---------|--------------------------------------|-------------------------|
| 2:00 pm | Climate | Lecomte |
| 2:15 pm | OCR | Johnson |
| 2:30 pm | SST | Fox for Llewellyn-Jones |
| 2:45 pm | OSVW/OST | Dong |
| 3:00 pm | <i>Break</i> | |
| 3:15 pm | GCOS actions & Climate Contributions | NOAA/Blonski |

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|---------|--------------------------------------|---------------------|
| 3:35 pm | GSICS Update and WGCV Interaction | NOAA/Blonski |
| 3:55 pm | WGCV-36 (China) Logistics and Agenda | Srivastava |
| 4:15 pm | Hand-over of chair and vice-chair | Stensaas/Srivastava |
| 4:30 pm | Closing Session of WGCV-35 | Srivastava |
| 4:45 pm | <i>Adjourn</i> | |