

9th Working Group on Capacity Building and Data Democracy (WGCapD) Annual Meeting

Identifying Opportunities for Synergies and Innovation

9 to 12 March 2020

Radisson Hotel Sunnyvale, 1300 Chesapeake Terrace, Sunnyvale, California

All times Pacific Daylight Time (GMT-7)

Provisional Agenda

Day 1: Monday, March 9

TIMING	TOPIC	PRESENTER(S)/FACILITATORS
06:00	Brainstorm on Space Capacity Development Advisory Board (SCDAB) [Optional]	
Afternoon	Organizers' planning meeting WGCapD Chair organizational meeting	
16:30-18:30	SOCIAL EVENT (Optional, no host)	

Day 2: Tuesday, March 10

Information-sharing and highlights

09:30-10:00	REGISTRATION	
10:00-10:45	Welcome & tour de table introductions	<ul style="list-style-type: none"> • Nancy Searby, NASA • Florian Schwandner, NASA • All participants
	Meeting strategy & adoption of agenda	Erin Martin, facilitator
Session 1 10:30-11:00	Ambitions for WGCapD	<ul style="list-style-type: none"> • Nancy Searby, NASA (15 min) • Discussion/Q+A (30 min)
Session 2 11:15-12:30	Spotlight on innovation <i>"Flash talks" highlighting new technical approaches, models, datasets and best practices.</i>	<ul style="list-style-type: none"> • Moderator: Erin Martin • Presentations (5 min each) • Discussion/Q+A (20 min)
	<ul style="list-style-type: none"> • Luciane Veeck, VLab: <i>Update on VLab innovation plans (V, meaning Virtual)</i> • S.P. Aggarwal, ISRO: <i>IIRS-ISRO E-learning and outreach program</i> • Chris Barnes, USGS: <i>Landsat Collection 2: science enhancements and improvements</i> • Janin Huard, CSA: <i>Canadian-European MOOC on radar remote sensing education</i> • Michael Bock, for DLR: a) <i>HyperEDU and EnMAP Toolbox</i>, and for ESA: b) <i>MOOCs, platforms and web-based tools for EO education and training at ESA</i> • Dan Irwin, NASA, <i>SERVIR capacity building approach</i> • Dan Matsapola, SANSAs: <i>Update on SANSAs innovations and best practices</i> • Robert Eckhardt, Univ. of Jena: <i>EO College - State of the art and future developments (V)</i> 	
12:30	GROUP PHOTO	
12:45-14:00	LUNCH	
Session 3 14:00-15:30	NASA highlights <ul style="list-style-type: none"> • Sandra Cauffman, Earth Science Division (V) • Lawrence Friedl, Applied Sciences Program (V) • Nancy Searby, Capacity Building • Ana Prados, ARSET • Amanda Clayton, DEVELOP • Dan Irwin, SERVIR • Cindy Schmidt, Indigenous Peoples Pilot 	<ul style="list-style-type: none"> • Moderator: Erin Martin, facilitator

15:30-16:00	BREAK	
Session 4 16:00-17:15	Spotlight on partnerships <i>"Flash talks" featuring insights and lessons learned on cooperation and collaboration at global, regional and national level with partner agencies, academic/research institutions, users, etc.</i>	<ul style="list-style-type: none"> • Moderator: Ana Prados, NASA • Presentations (5 min each) • Discussion/Q+A (20 min)
	<ul style="list-style-type: none"> • Michael Bock, DLR for ESA: <i>ESA collaboration with other space agencies in capacity building</i> • Argie Kavvada, NASA: <i>Tools to enable UN Member States at national and local level to use Earth observations to help deliver SDG 11 and the New Urban Agenda (V)</i> • Dan Matsapola, SANSa, <i>SANSa partnership activities</i> • Chris Barnes, USGS: <i>USGS approach to Analysis Ready Data products</i> • Nancy Searby, NASA: <i>Progress on the Space Capacity Development Advisory Board</i> • Paul Rosen, NASA: <i>IEEE capacity building activities</i> • Senthil Kumar, UN CSSTEAP: <i>Gender diversity and competency analysis in learning geospatial technology and applications (V)</i> 	
17:45	OFF-SITE DINNER (Optional, no host)	
Session 5 20:00-21:00	Regional highlight: ASIA-OCEANA <i>Structured, virtual conversation includes WGCapD presentation on activities in the region and opportunities for collaboration, followed by member "flash talks" and group discussion.</i>	<ul style="list-style-type: none"> • Moderator: S.P. Aggarwal, ISRO
	<ul style="list-style-type: none"> • Pham Thi Mai Thy, VNESC, <i>Insights on VNESC capacity building activities (V)</i> • Linda Tomasini, CNES: <i>Overview of CNES activities in Viet Nam (V)</i> • Prakash Chauhan, ISRO: <i>ISRO capacity building activities in Asia</i> • Xiang ZHOU, AOGEO: <i>Update on AOGEO capacity building activities (V)</i> • Dan Irwin, NASA: <i>NASA work in Asia including SARI and SERVIR</i> • Michael Bock, for DLR: a) <i>DLR activities in Asia</i>, and for ESA: b) <i>Scientific training in China within the Dragon Initiative</i> 	
Day 3: Wednesday, March 11		Expanding our reach
Session 6 07:30-08:30	Regional highlight: AFRICA <i>Structured, virtual conversation includes WGCapD presentation on activities in the region and opportunities for collaboration, followed by member "flash talks" and group discussion.</i>	<ul style="list-style-type: none"> • Moderator: Erin Martin, facilitator
	<ul style="list-style-type: none"> • Dan Matsapola for SANSa: <i>SANSa capacity building activities</i> • Dan Matsapola for AfriGEO: <i>AfriGEO engagement on capacity building</i> • Byron Anangwe, KSA: <i>KSA experience with capacity building (V)</i> • Francesco Sarti, ESA: <i>ESA experience in capacity building in Africa within the TIGER Initiative and future perspectives with ESA EO Africa (V)</i> • Michael Bock, DLR: a) <i>Snapshot of DLR and other German activities in Africa</i> • Betzy Hernandez, NASA: <i>NASA activities in Africa</i> 	
08:30-08:40	LEG STRETCH	
Session 7 08:40-09:40	Regional highlight: AMERICAS <i>Structured, virtual conversation includes WGCapD presentation on activities in the region and opportunities for collaboration, followed by member "flash talks" and group discussion.</i>	<ul style="list-style-type: none"> • Moderator: Betzy Hernandez, NASA
	<ul style="list-style-type: none"> • Sergio Camacho, CRECTEALC: <i>Current and future CRECTEALC work in Latin America and the Caribbean (V)</i> • Alessandra Gomes, INPE: <i>Snapshot of INPE capacity building (V)</i> • Albert DeGarmo, AmeriGEO: <i>Insights on AmeriGEO capacity building</i> • Francesco Sarti, ESA: <i>ESA experience in EO training with other space agencies and universities (V)</i> • Chris Barnes, USGS: <i>Update on capacity building activities</i> 	

09:40-10:10	BREAK	
Session 8 10:10-12:30	Expanding our work on data democracy <i>Presentations and discussions on the current state of data democracy by theme and/or technical topic to identify opportunities for expanded WGCapD action.</i>	<ul style="list-style-type: none"> • Moderator: Nancy Searby, NASA
	<ul style="list-style-type: none"> • Brian Killough, NASA: <i>SEO overview on data democracy initiatives</i> • Francesco Sarti, ESA: <i>Training, access and other perspectives on data availability (V)</i> • Michael Bock, DLR: <i>DLR EO Mission data and value-added data products</i> • Janin Huard for CSA and Cindy Schmidt for NASA: <i>SAR training for Indigenous communities and first nations</i> • Paul Rosen, NASA: <i>NISAR mission plans for early adopters and training associated with SAR</i> • Prakash Chauhan, ISRO: <i>ISRO initiative in data democracy for capacity building</i> • Chris Barnes, USGS: <i>Landsat archive cloud access/data policy</i> • Kenton Ross, NASA: <i>NASA perspective on data access</i> • Daniel Matsapola, SANSa, <i>SANSa perspectives on data access</i> 	
11:30-12:30	WORKING LUNCH	
12:30-14:00	Depart hotel and visit Google	
14:00-Evening	Drive to San Francisco, visit sites, etc.	
Evening	DINNER IN SAN FRANCISCO (Optional, no host)	
Day 4: Thursday, March 12		Maximizing collaboration
Session 9 08:00-09:00	Regional highlight: EUROPE <i>Structured, virtual conversation includes WGCapD presentation on activities in the region and opportunities for collaboration, followed by five member "flash talks" and group discussion.</i>	<ul style="list-style-type: none"> • Moderator: Chris Barnes, USGS
	<ul style="list-style-type: none"> • Francesco Sarti, ESA: <i>Overview of ESA capacity building activities in Europe (V)</i> • Astrid-Christina Koch, EC: <i>Capacity development on behalf of Copernicus and the European Commission (V)</i> • Michael Bock, DLR: <i>Framework Partner Agreement on Copernicus User Uptake</i> • Linda Tomasini, CNES: <i>Overview of capacity building activities (V)</i> • Hugo Marée or Joost Vanreusel, for ESA: <i>Update on ESA Academy (V)</i> 	
09:00-09:10	LEG STRETCH	
Session 10a 09:10-10:10	Coordinating and identifying synergies with others <i>Structured, virtual exchanges with CEOS working groups on Disasters and NASA Systems Engineering Office.</i>	<ul style="list-style-type: none"> • Moderator: Prakash Chauhan, ISRO
10:10-10:30	BREAK	
Session 10b 10:30-11:30	Coordinating and identifying synergies with others (cont.) <i>Structured, virtual exchanges with Sustainable Development Goals ad hoc team; Land Surface Imaging virtual constellation and</i>	<ul style="list-style-type: none"> • Moderator: Michael Bock, DLR
Session 11 11:30-12:30	Making our work more discoverable and consistent <i>Discussion of practical actions to improve coordination on capacity building materials, metadata, the training calendar, the portal-based repository/website, templates, results and impact measurement, etc.</i>	<ul style="list-style-type: none"> • Moderator: Tony Kim, NASA • Group discussion
12:30-13:30	LUNCH	
Session 12 13:30-14:00	Coordinating and identifying synergies with others <i>Structured, virtual exchanges with CEOS Working Group on Information Systems and Services</i>	<ul style="list-style-type: none"> • Moderator: Chris Barnes
Session 13 14:00-15:15	Applying the week's learnings to future activities <i>Quick plenary check-in on existing deliverables, then small group discussions to brainstorm new deliverables in the context of the</i>	<ul style="list-style-type: none"> • Opening moderators: Erin Martin and Lauren Childs, NASA

	<i>week's discussions of innovation, partnerships, data democracy and collaboration with other working groups, ad hoc teams and virtual constellations.</i>	<ul style="list-style-type: none"> • Small group moderators and rapporteurs: to be appointed by groups
15:15-15:30	BREAK	
Session 14 15:30-16:45	<p>Report-back and exchange on key takeaways</p> <p><i>This session has two parts: 1) rapporteurs from each group share four to seven ideas for new deliverables followed by group discussion of the ideas, and 2) in a closing "round the room" conversation, participants share and reflect on key take-aways from the week in terms of high-level goals, challenges and opportunities for WGCapD.</i></p>	<ul style="list-style-type: none"> • Moderator: Erin Martin
16:45-17:00	WRAP-UP AND CLOSING	Nancy Searby, NASA