

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

Identifying Opportunities for Synergies and Innovation

Mountain View, California, 9 to 12 March 2020

All times Pacific Daylight Time (GMT-7)

Provisional Agenda

Day 1: Monday, March 9

TIMING	TOPIC	PRESENTER(S)/FACILITATORS
Morning	[Tentative] Brainstorm on Space Capacity Development Advisory Board (SCDAB)	
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	
10:00-10:30	Welcome & tour de table introductions	Nancy Searby, NASA & All
	Meeting strategy & adoption of agenda	Erin Martin, facilitator
Session 1 10:30-11:15	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 (5-7 min each) • Discussion/Q+A (20 min)
	<ul style="list-style-type: none"> • Luciane Veeck, VLab: <i>Update on VLab innovation plans</i> • Prakash Chauhan or 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, SANSa: <i>Update on SANSa innovations and best practices</i> • Robert Eckhardt, Univ. of Jena: <i>EO College - State of the art and future developments</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 • Jack Kaye or Garik Gutman, Research & Analysis • Lawrence Friedl, Applied Sciences Program • Nancy Searby, Capacity Building • Ana Prados, ARSET • Amanda Clayton, DEVELOP • Dan Irwin, SERVIR • Cindy Schmidt, Indigenous People Pilot 	<ul style="list-style-type: none"> • Moderator: Erin Martin, facilitator
15:30-16:00	BREAK	
Session 4	Spotlight on partnerships	<ul style="list-style-type: none"> • Moderator: Ana Prados, NASA

16:00-17:15	<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"> • Presentations (5-7 min each) • Discussion/Q+A (20 min)
	<ul style="list-style-type: none"> • <u>Michael Bock</u>, DLR for ESA: <i>ESA collaboration with other space agencies in capacity building</i> • <u>Argie Kavvada</u>, 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</i> • <u>Dan Matsapola</u>, SANSa, <i>SANSa partnership activities</i> • <u>Chris Barnes</u>, USGS: <i>USGS approach to Analysis Ready Data products</i> • <u>Nancy Searby</u>, NASA: <i>Progress on the Space Capacity Development Advisory Board</i> • <u>Paul Rosen</u>, NASA: <i>IEEE capacity building activities TBC</i> • <u>Senthil Kumar</u>, UN CSSTEAP: <i>Gender diversity and competency analysis in learning geospatial technology and applications</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: Prakash Chauhan, ISRO
	<ul style="list-style-type: none"> • <u>Pham Thi Mai Thy</u>, VNSC, <i>Insights on VNSC capacity building activities</i> • <u>Linda Tomasini</u>, CNES: <i>Overview of CNES activities in Viet Nam</i> • <u>S.P. Aggarwal</u>, ISRO: <i>ISRO capacity building activities in Asia</i> • <u>Xiang Zhou</u>, AOGEO: <i>Update on AOGEO capacity building activities</i> • <u>Dan Irwin</u>, NASA: <i>NASA work in Asia including SARI and SERVIR</i> • <u>Michael Bock</u>, 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"> • <u>Dan Matsapola</u> for SANSa and AfriGEO: <i>SANSa and AfriGEO cooperation with WGCapD</i> • <u>Francesco Sarti</u>, ESA: <i>ESA experience in capacity building in Africa within the TIGER Initiative and future perspectives with ESA EO Africa</i> • <u>Michael Bock</u>, DLR: a) <i>Snapshot of DLR and other German activities in Africa</i> • <u>Betzy Hernandez</u>, 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"> • <u>Sergio Camacho</u>, CRECTEALC: <i>Current and future CRECTEALC work in Latin America and the Caribbean</i> • <u>Alessandra Gomes</u>, INPE: <i>Snapshot of INPE capacity building</i> • <u>Albert DeGarmo</u>, AmeriGEO: <i>Insights on AmeriGEO capacity building</i> • <u>Francesco Sarti</u>, ESA: <i>ESA experience in EO training with other space agencies and universities</i> • <u>Chris Barnes</u>, 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</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 or S.P. Aggarwal, 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	<p>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></p> <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</i> • Astrid-Christina Koch, EC: <i>Capacity development on behalf of Copernicus and the European Commission</i> • Michael Bock, DLR: <i>Framework Partner Agreement on Copernicus User Uptake</i> • Linda Tomasini, CNES: <i>Overview of capacity building activities</i> • Hugo Marée or Joost Vanreusel, for ESA: <i>Update on ESA Academy</i> • TBD, EuroGEO: <i>Update on EuroGEO capacity building activities</i>
09:00-09:10	LEG STRETCH
Session 10a 09:10-10:10	<p>Coordinating and identifying synergies with others <i>Structured, virtual exchanges with CEOS working groups on Disasters and NASA Systems Engineering Office.</i></p> <ul style="list-style-type: none"> • Moderator: Prakash Chauhan, ISRO
10:10-10:30	BREAK
Session 10b 10:30-11:30	<p>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></p> <ul style="list-style-type: none"> • Michael Bock, DLR
Session 11 11:30-12:30	<p>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></p> <ul style="list-style-type: none"> • Linda Tomasini, CNES • Group discussion
12:30-13:30	LUNCH
Session 12 13:30-14:00	<p>Coordinating and identifying synergies with others <i>Structured, virtual exchanges with CEOS Working Group on Information Systems and Services</i></p> <ul style="list-style-type: none"> • Moderator: Chris Barnes, USGS
Session 13 14:00-15:15	<p>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 week’s discussions of innovation, partnerships, data democracy and collaboration with other working groups, ad hoc teams and virtual constellations.</i></p> <ul style="list-style-type: none"> • Opening moderators: Erin Martin and Lauren Childs, NASA • Small group moderators and rapporteurs: to be appointed by groups
15:15-15:30	BREAK

<p>Session 14 15:30-16:45</p>	<p>Report-back and exchange on key takeaways <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
<p>16:45-17:00</p>	<p>WRAP-UP AND CLOSING</p>	<p>Nancy Searby, NASA</p>