

**Forest Carbon Tracking Task
2nd Science and Data Summit
FAO HQ Rome, Malaysia Room B227**

Objectives:

- Satellite data product development progress reports & presentation of FCT demonstration products
- PD team assessments of Key Remote Sensing Science Questions
- Satellite data processing methodology issues and towards common standards
- GEO-FCT Key Document coordination - working group session
- GEO-FCT - UN-REDD - FAO (FRA and NFMA) synergies
- GEO-FCT – UNFCCC relationship consolidation

Tuesday, February 8, 2011

8:20-8:30 All participants to meet outside FAO entrance for preparation of entrance passes **please arrive before 8:30** at the latest to be escorted to the meeting room

9:00 SDS#2 Welcome and Opening Remarks from Host Peter Holmgren, FAO

Introduction Session (Chair Per Erik Skrivseth, NSC)

9:05 SDS#2 Summit Objectives and Outcomes Chair

9:10 GEO-FCT background, status and future plans Giovanni Rum/GEOSEC

9:30 UN-REDD Introductions (background, status and future plans)
Alberto Sandoval/UN-REDD

9:50 FAO Forest Monitoring – GEO Tasks and FRA, Remote Sensing
Survey and NFMA – (status, benefits of collaboration, future plans)
Mette Loyche-Wilkie (FAO)

10:10 Towards a Global Forest Observation Initiative - Gary Richards, DCC

10:30	Coffee
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Reports from National Demonstrator Summit
Country FCT Action Plans (Chair Michael Brady, CFS)

10:50	Mexico	Fernando Paz, COLPOS
11:00	Colombia	Gustavo Galindo, IDEAM
11:10	Brazil	Julio Dalge, INPE
11:20	Guyana	Jadgesh Singh, GFC
11:30	Cameroon	Haman Unusa, MEPN
11:40	D.R. Congo	Christophe Musampa, DIAF/MENCT
11:50	Tanzania	Jared Otieno, MFRT-FBD
12:00	Indonesia	Orbita Roswintiarti, LAPAN
12:10	Australia	Gary Richards/DCC
12:20	Nepal	Pem Kandel/MFSC
12:30	Open floor discussion & ND Summit Conclusions	
		Giovanni Rum/GEOSEC

13:00 - 14:00 Lunch

National Demonstrator Satellite Product Development Team Reports
(Chair Ake Rosenqvist, JAXA)

14:00	The CEOS Coordination of Satellite Observations		Frank Martin Seifert/ESA
14:20	Satellite Data Processing and Product Development Plan (GD-004)		Ake Rosenqvist/JAXA
14:30	Brazil ND		J. Dalge/INPE
15:00	Mexico ND		Fernando Paz/COLPOS
15:30	Colombia ND	J. Kellndorfer/WHRC and	Gustavo Galindo/IDEAM

16:00 Coffee

16:20	Guyana ND	D.Hoekman/Wageningen U. and Jagdesh Singh/GFC
16:40	Cameroon ND	G. Ramminger/GAF and Haman Unusa/MEPN
17:10	Tanzania ND	G. Pedersen/KSAT and Jared Otieno/MFRT-FBD
17:40	Plans for D.R. Congo ND	Landing Mane/OSFAC and Christophe Musampa/DIAF
17:50	Plans for Peru ND	Alex Held on behalf of Peru

18:00 Adjourn

**18:00 ~ 19:30 Reception (finger food and drinks) hosted by FAO 8th floor
Aventino Room**

Wednesday, February 9, 2011

8:30 COP 16 outcome (mainly on REDD+) and emerging monitoring requirements - Maria Sanz-Sanchez, UNFCCC Secretariat

ND Satellite Product Development Team Reports (cont'd)

(Chair Ake Rosenqvist, JAXA)

8:50	Tasmania ND	A. Milne/CRC-IS
9:20	Indonesia/Borneo ND	D. Hoekman/WU. and Orbita Roswintarti/LAPAN
9:50	Indonesia/Sumatra	M. Shimada/JAXA. and Orbita Roswintarti/LAPAN

10:20 Coffee

10:50 Special FCT methodology site (Xingu) J. KelIndorfer/WHRC

11:10 PD Team open floor - open issues, plans for 2011 & GEO-VIII
Ake Rosenqvist/JAXA

12:00 - 13:30 Lunch

Key Remote Sensing Science Questions Session

(Chair Yves Crevier, CSA)

13:30	Key RS Science Questions - Introduction	A. Rosenqvist/JAXA
13:40	Sensor interoperability-Optical/optical (Landsat/CBERS/DMC)	J. Dalge/INPE
14:00	Sensor interoperability - Optical/SAR, SAR/SAR	J. KelIndorfer/WHRC
14:20	Sensor complementarity (optical, L- C- X-band SAR)	T. Milne/CRC-IS
14:40	Optimising information extraction from C-band SAR	D. Hoekman/UW
15:00	C-band and X-band SAR for forestry	C. Schmullius/FSU-Jena

15:20 Coffee

15:50	Near-future C-band SAR missions relevant to GFOI	Y. Crevier/FM Seifert
16:00	RS Science Questions open floor discussion Moderators: Crevier/Rosenqvist	
	• Recommendations for CEOS 2011-2012 coordinated acquisitions	
	• Implications for product development common standards	
	• Other issues (e.g. requirements for VHR data)	
17:00	Summary & conclusions	A. Rosenqvist/JAXA

~ 17:30 Adjourn

Wednesday, February 9, 2011

Working Dinner at FAO (Key Doc authors/co-authors)

19.00 - 21.00 Guidance and methodology document coordination
(author/co-author discussions)

- In Situ Forest Measurements Standards and Protocol (Cris Brack, Linda Heath, Adam Gerrand)
- Satellite Forest Information Product Specification (Alex Held)
- Satellite Interoperability & Processing Methods (Peter Caccetta, Martin Herold, Dirk Hoekman, Tony Milne, Josef Kellndorfer)
- Methods on Validation of Remote Sensing Data Products and Accuracy Metrics (Curtis Woodcock, Erik Lindquist)
- Linking of In-Situ Forest Measurements, Remote Sensing and Carbon Models (Shaun Quegan)
- Document coordination (Giovanni Rum)

Thursday, February 10, 2011

from 8:00 Interfacing between key documents - work session (doc authors only)

8:30 GEO-FCT – UNFCCC Secretariat coordination
Maria Sanz-Sanchez/UNFCCC Secretariat

Guidance and methodology documents session – status and way forward **(Chair Alberto Sandoval, UN-REDD)**

8:40 Documents outline and review process - Giovanni Rum, GEOSec
8:50 GD-002: In-situ Forest Measurements Standards and Protocol
- Cris Brack, WIT
9:10 GD-003: Satellite Forest Information Product Specification
- Alex Held, CSIRO
9:30 GD-005: Satellite Interoperability & Processing Methods
- Peter Caccetta, CSIRO
9:50 GD-006: Methods on Validation of Remote Sensing Data Products and
Accuracy Metrics - Curtis Woodcock, Boston Uni.
10:10 GD-007: Linking of In-Situ Forest Measurements, Remote Sensing
and Carbon Models - Shaun Quegan, Uni. Sheffield

10:30 Coffee

10:50 Documents session discussion and conclusions – Giovanni Rum

Other Earth observation data and systems session (Chair Adam Gerrand, FAO)

11:20 Special presentation on FORAF/OFAC activities in the Congo Basin
Andreas Brink and Catherine Bodart/JRC
11:40 French Commitments for REDD+ Frédéric Huynh /UMB
12:00 Special presentation on LIDAR Erik Næsset/UMB
12:20 Earth Engine Rebecca Moore/Google

12:40 - 14:00 Lunch

Way forward and conclusions (Chair Gary Richards, DCC)

14:00 The FCT/GFOI Science Road Map G. Richards, DCC
o GEO-FCT - Near-term goals 2011-2012
o Transition from demonstration to operations
o GFOI 2013+
14:40 GEO-FCT - UN-REDD synergies G. Rum/GEOSec, A. Sandoval, FAO

15:00 Coffee

15:20 Synergies and linkages with FAO activities A. Gerrand, FAO
15:40 Open floor discussions
16:00 Meeting Summary and Actions Don Ball
Remote Sensing Science question summary and open issues A. Rosenqvist
Key document actions G. Rum
GEO-VIII targets & Conclusions Chair

~ 16:30 Adjourn