

**GCOS STEERING COMMITTEE
TWENTY-FIFTH SESSION**

Item 1.0

GCOS Science Day, 22 October 2018
GCOS SC-26, 23–26 October 2018
*Change: Excursion is now on
Thursday 25 October 2018 (morning only)*

Draft Agenda for SC-26 and supporting Documents

Location:
Finnish Meteorological Institute, FMI
Helsinki, Finland

Monday 22 October 2018

GCOS Science Day – Focus on the Arctic: from 09 hrs to 16:30 hrs.

In conjunction with the GCOS Steering Committee Meeting, there will be a GCOS Science Day on Monday, 22 October 2018, at the premises of the Finnish Meteorological Institute.

In 2018, the Finnish and regional community is invited to present local actions with regard to climate observations, science and adaptation in the Arctic region. The GCOS Science Day will consist of 4 sessions:

- GCOS activities in global and regional context
- Arctic now and tomorrow
- Science-based information for decision makers
- Climate change and observing initiatives

The agenda for the Science Day can be found here on: gcos.wmo.int

or using the link [here](#).

Please, do not forget to register as our host will need your name for security reasons.

Steering Committee Meeting Tuesday 23 to Friday 26 October 2018

Day 1 of the Steering Committee - Tuesday 23 October 2018		
	Agenda Item	Documents and Annotations
09:00		
1a	Welcome Host	
1b	SC Chairman	Stephen Briggs > Report from last SC 2017 (Hangzhou) meeting
2	Sponsors remarks	<ul style="list-style-type: none"> • WMO: Johannes Cullmann (Director, Climate&Water Department) • IOC: Albert Fischer (Head, Ocean Observations and Services Section - GOOS – JCOMM) • UN Environment: Hartwig Kremer (Head of GEMS Water Unit; Science Division and Climate Technology Centre and Network, CTCN, Economy Division) • International Science Council: Heide Hackmann (via videoconference)
3	GCOS Secretaria Activity Report	<ul style="list-style-type: none"> • Carolin Richter >Activity report, June 2018 available. >3 GCOS Directors Report to SC 2018 • Valentin Aich New web pages / tag line / ECV fact sheets >3 communication overview >3 sst ECV factsheet >3 surface-temp ECV factsheet >3 glacier ECV factsheet
	Morning coffee break	
4	All panels will report on Day 1:	AOPC, TOPC and OOPC reports from 2018 meetings are available. > AOPC-23 (EUMETSAT, Darmstadt, Germany, 2018) > OOPC-21 (INIDEP, Mar del Plata, Argentina, 2018) > TOPC-20 (WMO, Geneva, Switzerland, 2018)
4a	Ocean Observations Panel for Physics & Climate, OOPC	Co-Chair Bernadette Sloyan / supported by Katy Hill focus should be to highlight critical issues and questions of strategic importance
	Lunch Break	
4b	Atmospheric Observation Panel for Climate, AOPC	Chair Kenneth Holmlund / supported by Caterina Tassone focus should be to highlight critical issues and questions of strategic importance
	Afternoon coffee break	
4c	Terrestrial Observation Panel for Climate, TOPC	On behalf of the chair Wolfgang Wagner: Michael Zemp / supported by Valentin Aich focus should be to highlight critical issues and questions of strategic importance


4d	Implementing GCOS: what are the established processes: ECV stewards, IP action rapporteurs, cross-panel fora. SC to approve ToR for Panel Membership	Michael Zemp supported by Caterina Tassone, Valentin Aich Discussion will be of relevance to the in-camera session for memberships. > Doc.4d - ToRs General GCOS Panel membership > Doc.4d Role ECV-Stewards_ &IP-Action-Rapporteurs
Adjourn 17:30		

Day 2 of the Steering Committee - Wednesday 24 October 2018

	Agenda Item	Documents and Annotations
09:00 5	Vision of a future GCOS – introduction:	Stephen Briggs
5a	Joint Panels meeting March 2019, Morocco Preparing for 2nd GCOS Science Conference in 2021 Regional Workshop – the current workshop for East Africa and future planning	Recalling 1st GCOS Science Conference in 2016 (Amsterdam): http://www.gcos-science.org/ Concept note for all-Panels meeting available > Doc.5a - GCOS Time Plan > Doc.5a - DRAFT for 2nd Science Conference > Doc.5a - Draft for GCOS Joint Panel Meeting > Doc.5a regional workshop eastafrica 20180713
	Morning coffee break	
5b	A seamless, integrated science for services approach (45 min)	Pavel Kabat (Director Research, Chief Scientist, WMO) In addition: brief presentation and discussion about WMO reform and the new strategy, where research will be a cross cutting, horizontal fundament connecting all WMO parts (a seamless, integrated science for services approach). The focus will be on a need to enhance GCOS - WMO future collaboration in this context > Latest information and draft of WCRP strategy
5c	The GOOS 2030 strategy - discussion on aligning strategies and partnership (45 min)	Toste Tanhua (Co-Chairman, Steering Committee GOOS) UN Decade for Ocean Sciences (Sue Barrell, supported by Katy Hill) > 5c GOOS Strategy Draft Oct 2018.docx > 5c GCOS-GOOS Relationship GCOS DRAFT
	Lunch Break	
5d	The Global Basic Observing Network (GBON)	Rob Varley GBON is basically the global extension of the work that started off at the Joint GCOS-WIGOS Workshop in Fiji 2017, and the target applications for it are Global NWP and climate reanalysis > 5d GBON-Concept-draft
5e	Vision of a future GCOS - discussion: Progress of GCOS & development of relations to UNFCCC, WCRP and other partner programmes of relevance	Stephen Briggs / Carolin Richter Open discussion on where GCOS is going. Do we provide the right information to sponsors, users? Voice your concerns and criticism and bring in your views. > Doc.5e - brief presentation on GCOS Strategy > Doc.5e - GCOS Strategy V2.0

	Afternoon coffee break	
6a	UNFCCC update	Florin Vladu
6b	GCOS support to the Paris Agreement and the Global Stocktake SC to approve document submission to UNFCCC/SBSTA49	Discussion led by Sybil Seitzinger Document of Task Team available: > Doc.6b - SystematicObsPA 1.7
6c	Are we providing the right information for adaptation measures?	Discussion led by Han Dolman supported by Caterina Tassone / Valentin Aich <ul style="list-style-type: none"> • TOPC TT Adaptation • The planned ECV user workshop in 4-7 Feb 2019, focussing on adaptation observation needs • Seeking for guidance from SC on participation of marine/coastal experts from the other panels, or, IPCC WG II? > Doc.6c - ECV user Workshop draft
Adjourn		

Day 3 of the Steering Committee – Thursday 25 October 2018

	Agenda Item	Documents and Annotations
09:00	Visit (only a.m.) to the Aker Arctic ice laboratory offering a wide range of ice model testing services and model ice conditions for testing of model ships. https://akerarctic.fi/en/services/ice-model-testing	
		
	Lunch Break	
14:00 7	World Adaptation Science Programme (PROVIA)	Hartwig Kremer
8	Merger of ICSU to ISC (15')	Lucilla Spini (TBC)
	Afternoon coffee break	
9	Communicating on Climate: How does GCOS ensure good communication with the more generic users of climate information? For example, how do we relate to insurances of risk?	Stephen Briggs Manola Brunet, succeeding Tom Peterson in being President of the WMO Commission for Climatology, to comment and give the WMO (Commission for Climatology) view on indicators
Adjourn		

Day 4 of the Steering Committee – Friday 26 October 2018		
	Agenda Item	Documents and Annotations
09:00 10a	Resourcing, Budget, Priority activities for GCOS in 2019 ff SC to approve budget and priority activities	Carolin Richter > Doc.10a Budget Document October 2018 > Doc.10a - List of Meetings 2018-2019
10b	GCOS Cooperation Mechanism	Stephen Briggs <ul style="list-style-type: none"> • Target for developing aid. • Discuss funding mechanisms. > Doc.10b GCOS GCM Report of Activities > Doc.10b GCM Project Candidates 2018 <ul style="list-style-type: none"> • Information on recent WMO Resource Mobilization and Partnership activities (Green Climate Fund) > 10b climate rationale presentation
	Morning coffee break	
11a	AOB as emerged out of the past days	
11b	Agree on List of actions from this meeting	Caterina Tassone > 11b GCOS Objectives Functionalities > 11b SC25 Action update
11c	What GCOS can contribute to achieve the Paris Agreement: Reducing the GCOS carbon footprint	Michael Zemp
11d	Reflection on Science Day 2018	Kenneth Holmlund, Arslan Ali Nadir (FMI, host), Maria Hurtola (FMI, host) Past Science Days were held in Cape Town (2015), Guayaquil (2016), Hangzhou (2017), 2019?
12	Next meeting / next science day 2019	> 12 proposed dates SC-2019
13	Close of formal meeting.	
noon	Lunch Break	
In-Camera	Only for SC-Members, Panel chairpersons, representatives of WMO, IOC, UNEP and ISC, GCOS Secretariat staff.	We will discuss members and candidates for panels & steering committee; leaderships. > incamera SC Membership 2018 > incamera AOPC Membership 2018 > incamera OOPC Membership 2018 > incamera TOPC Membership 2018
Close		