

GCOS • WCRP



Terrestrial  
Observation  
Panel for  
Climate

# TOPPC Report

GCOS Steering Committee Meeting 2019



**GLOBAL CLIMATE  
OBSERVING SYSTEM**

KEEPING WATCH OVER OUR CLIMATE



Paris, 29<sup>th</sup> October 2019  
Wolfgang Wagner, Chair TOPPC

Organization

TOPC Online Forum

Review of terrestrial ECV Product Requirements

Networks

Outlook

## TOPC-21 Session: GCOS Joint Panel Meeting, Marrakesh, March 2019



	FirstName	LastName	Institute	Position	End of Term
1	Wolfgang	Wagner	Vienna University of Technology	Chair	2019
2	Nadine	Gobron	European Commission Joint Research Centre	Co-Chair (Since TOPC-21, for transition)	2021
3	Hiroyuki	Enomoto	National Institute of Polar Research (NIPR)	Member	2021
4	Darren John	Ghent	University of Leicester National Centre for Earth Observation (NCEO)	Member	2021
5	Huilin	Li	CAREERI/CAS	GTN-G Representative; Member	2021
6	Nigel	Tapper	Monash University	Member	2021
7	Werner	Kutsch	Integrated Carbon Observation System (ICOS)	Member	2022
8	Stephan	Dietrich	International Centre for Water Resources and Global Change (ICWRGC) UNESCO, Hosted by the Federal Institute of Hydrology	GTN-H Representative; Ex Officio Member	
9	Sarah	Carter	GOFC-GOLD (Global Observation for Forest Cover and Land Dynamics)	Member	2022
10	Claudia	Ruz Vargas	International Groundwater Resources Assessment Centre	Member	2022
11	Philippe	Schoeneich	Université Grenoble Alpes.	GTN-P representative; Ex officio Member	

- Online TOPC Forum
- ECV Stewards and IP Action Rapporteurs
- Task Team on Observations for Adaptation (agenda item 8.5)
- Teleconferences
- TOPC-22 planned for 17-20 March at JRC, Ispra, Italy



- Facilitates discussion amongst the Panel-Members and the wider ECV community
  - Effective for documenting work progress
  - Useful during panel meetings
- Forum now open for all experts (with invitation)
  - 48 registered users
- TU Wien Department of Geodesy and Geoinformation offered to continue hosting
- Might be moved to WMO Extranet since they plan to offer group administrative service with similar content

# TOPPC Online Forum

<https://board.geo.tuwien.ac.at/>



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**New Discussion**

**Categories**

Recent Discussions

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My Discussions **30**

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Category Filter

Viewing: **all categories** | followed categories

**Welcome to the TOPPC Discussion Forum!**

This forum was set up by the Terrestrial Observation Panel for Climate Change within the panel and reach out to the expert community. Among other things, you can provide feedback on the definition of terrestrial Essential Climate Variables (ECVs) and related Actions as outlined in the 2016 Implementation Plan of the panel. If you want to participate in the conversations, please login or register. This website only serves for discussions and does not constitute an official forum. This forum has been set up by TU Wien and is administered jointly by the panel and TU Wien.

Categories	Discussion
<b>IP Action Rapporteurs</b>	<b>1</b>
TOPC has identified one or several IP Action Rapporteurs to lead on particular Actions of the GCOS 2016 Implementation Plan that are related to terrestrial observations.	
<b>TOPPC Panel</b>	<b>1</b>
This thread is for the members of the TOPPC panel to prepare meetings, report on action points etc.	
<b>ECV Stewards</b>	<b>1</b>
For each ECV GCOS has identified up to three stewards who helps them to report on the progress for each ECV. The stewards act as point of contact for the respective scientific communities.	
<b>Factsheets</b>	<b>20</b>
In this category terrestrial ECV Factsheets can be accessed (as googledoc) and discussed. If you are not	

- TOPC supported and agreed to new approach
- ECV Stewards are working on requirements
- A first consolidated version will be ready for open review in January 2020
- IP Action Rapporteurs started tracking progress of terrestrial actions, but still work to do

- Global Terrestrial Networks (GTNs) report to TOPC
- GTN-Hydrology is now in WMO documents (Cg-18, Res. 25, Major Hydrological Initiatives: ”...contributions of global data centres (GRDC, GPCC, IGRAC, HYDROLARE, federated under the Global Terrestrial Network – Hydrology (GTN-H)) are relevant for the GCOS Implementation Plan and their role, especially in the implementation of WHOS, will be reviewed in order to enhance it...”
- GTN-Permafrost active, created have own data platform (<https://gtnp.arcticportal.org/>)
- GTN-Glaciers very mature, prepared letter of concern for COP-25



- Continue ECV requirements review as planned
  
- Thelma Krug to take over TOPC Chair
  - Strengthen links to IPCC



<https://www.ipcc.ch/people/thelma-krug/>