



18A Meeting of the CliC Scientific Steering Group 10 & 11 March, on-line

Participants 10 March: Fiamma Straneo, Edward Hanna, Hanne Christiansen, Jens Hesselbjerg Christensen, Juan Höfer, Amy Lovecraft, Helene Seroussi, Lauren Vargo, Mike Sparrow, Narelle van der Wel, Beatriz Balino (note taker)

Participants 11 March: Edward Hanna, Meloth Thamban, Nozomu Takeuchi, Ramiro Saurral, Mike Sparrow, Narelle van der Wel, Beatriz Balino (note taker)

Apologies: Martin Vancoppenolle, Camille Lique

MINUTES

Welcome by the chairs and introductions of the new SSG members	
	The co/chairs welcomed the new members Vargo, Saurral, Meloth and Höfer, and invited them to briefly present themselves.
CliC Strategic Plan 2022-2031: implementation	
	<p>New activities shall promote collaboration and coordination of interdisciplinary regional (including applied) research targeting CliC priorities. They shall involve ERCs and scientists from underrepresented regions and the global south. Encourage the participation of co-sponsors and partner organizations. New activities shall be time-limited and specify expected outcomes and deliverables. New activities shall showcase the impact of CliC contribution to local communities and enhance CliC and WCRP visibility.</p> <p><u>Examples of activities:</u></p> <ul style="list-style-type: none"> • Review the scales of the cryosphere affecting ecosystem services meaningful to local communities. • Promote an integrated description of a region, e.g., High-mountain areas (Himalayas, the Patagonian Andes), Arctic, Antarctica, to bring together research communities. • Perform syntheses/reviews of interdisciplinary and regional knowledge by bringing together communities outside CliC (biologists, social sciences, stakeholders, indigenous peoples). Start small and monitor their development. • Lack of data in key regions: facilitate long-term monitoring by local communities with scarce funding. • Relevant topics: hazards, tipping points, impact on water and food security, glacial ecosystems, etc. • Transect studies of the cryosphere across regions and countries <p><u>Ideas for implementation:</u></p> <ul style="list-style-type: none"> • Solicit the formation of Working Groups/ propose activities targeting CliC research priorities for the next decade. • Lead a series of hands-on workshops to address gaps in knowledge at the regional level, involving local scientists and communities. Topics: synthesis /review scientific papers, grant proposal writing, capacity building,... • Join forces with pertinent organisations and partners (e.g., SCAR, IASC, SOOS, APECS, GCW, Future Earth, etc.) in the coordination of activities and avoid duplication of efforts. • Promote activities to establish long-term monitoring of key cyrospheric parameters in regions of poor data coverage by local communities with limited funding.

	<ul style="list-style-type: none"> • Share of CliC expertise for capacity building. • Liaise with WCRP pertinent lighthouses: Academy & My Climate Risk, Safe Landing Climates. • Learn from the EU INTERACT model of interactions with different areas of environmental sciences https://www.interact-eu.net/#home • Use CliC grants and fellowships to specifically target CliC new research priorities. • Link to on-going WCRP activities such as GEWEX regarding the Andes; WCRP Monsoon Panel in Asia, etc. • Explore further partner/sponsor venues, e.g, CAS in China. <p><u>Linking current with new activities</u> The SSG agreed to meet with leaders of current activities to discuss future plans (2-3 years ahead) and to explore venues of integration to/ contribution with, CliC's new priorities. SCAR and IASC, when co-sponsors, shall participate in such discussions. This will have implications to the future endorsement/funding of CliC activities.</p>
<p>Actions</p> <p><i>Responsibles: Co-chairs and IPO</i></p>	<ul style="list-style-type: none"> • <i>Launch an open call to solicit new WGs targeting CliC new strategic priorities.</i> • <i>Establish guidelines/terms of reference of new activities (e.g., goal, objectives, duration, outcomes and deliverables).</i> • <i>Meet with leaders of current activities to discuss their long-term future plans to explore venues of integration or contribution to CliC's new priorities.</i>
	<p><u>A note on the CliC Budget</u></p> <p>The launching of new activities will require funding which must fit under the same budget¹. It will be necessary then to reduce the level of funding of current activities to earmark enough funds to novel ones. Alternate funding shall be considered in case of critical support needed in key activities. CliC endorsement without funding shall also be discussed.</p> <p>For the 2023 budget and onwards, the activity leaders shall present to the SSG their funding requests and the SSG will prioritize the allocations.</p> <p>Future budgets shall also aim at a 50% reduction in travels in order to align with WCRP JSC expectations for the entire programme. Because most CliC allocations are to cover travel and/or subsistence costs, there must be a strive to achieve a balance among in-person, hybrid and on-line meetings.</p>
<p>CliC grants and fellowships 2022</p>	
<p>Actions</p>	<ul style="list-style-type: none"> • <i>IPO to publish the results in the CliC homepage: the Awardees and their projects, and the statistics of the submissions.</i> • <i>IPO to ask awardees will be asked to provide a poster to showcase in the CliC web.</i> • <i>For the next announcement, a dissemination strategy shall be in place to achieve maximum exposure and interest. All</i>
<p>CliC engagement with research and science policy partners</p>	
	<p>Dialog with SCAR and IASC to explore future areas of collaboration and avoid duplication of efforts. A letter of intent specifying areas of collaboration could be signed among these organisations and CliC.</p> <p>Events such as ASSW, SCAR Open Science Conference, are excellent venues to be informed about on-going activities. Consider future CliC SSG meetings to be held back-to-back such events.</p> <p>Renew CliC representation and assign new roles with key organisations among SSG members. The IPO can assist in providing an overview of existing connections to identify gaps.</p>

¹ The budget of CliC for 2022 is 85 kCHF. It is determined by the annual contributions to WCRP from its sponsors, voluntary contributions, and grants.

	Participate in COP meetings with presentations.
Actions	<ul style="list-style-type: none"> • <i>Ed</i> speaks with Larry Hinzman at IARC; <i>Mike & Narelle</i> discuss with SCAR during the Antarctic Treaty meeting in June. • <i>IPO</i> to prepares an overview of existing CliC representation and liaisons in key organisations. • <i>IPO</i> to Inquire by email who from the SSG will attend upcoming meetings in 2022 of interest to CliC.
CliC SSG membership	
	<p>A new co-chair must be in place from January 2023. The chair can either be appointed among the existing members or chosen from applicants of an open call.</p> <p>Members: Helene and Martin's first term terminates in 2022. To be asked if they want to continue or rotate off. There is also a vacant position after T. Zhang.</p> <p>It was agreed that the SSG shall try to meet in person late this year.</p>
Actions	<ul style="list-style-type: none"> • <i>Ed and Fiamma</i> to inquire Helene and Martin whether they want to continue or rotate off. • <i>IPO</i> to launch an open call for CliC membership • <i>IPO</i> to organize an in-person SSG meeting in fall 2022
Information items	
	<ul style="list-style-type: none"> • Future of CliC IPO: the proposal of the the University of Massachusetts is under revision by NSF and NASA. The outcome is expected in the summer. • JSC-43: June 27- 2 July, on-line. CliC co-chairs to provide an update of the project, and status of the implementation plan, propose the budget for 2030 including the request of an extra allocation of 30 kCHF, for CliC grants and fellowships in 2023.