



IGU Commission/Task Force report for 2021-2022

COMMISSION ON CLIMATOLOGY

2023/01/05

A. Membership

Full Members

Chair:

Agnieszka Wypych

Department of Climatology, Jagiellonian University,
Gronostajowa 7, 30-387 Krakow, Poland
ph: +48 12 6645325
e-mail: agnieszka.wypych@uj.edu.pl

Babatunde Joseph Abiodun

Department of Environmental and
Geographical Science,
University of Cape Town
Rondebosch,
South Africa
ph: +27 (0) 216505737,
fax : +27 21 650 3456,
e-mail: babiodun@csag.uct.ac.za

Abhishek Banerjee (since August 2022)

State Key Laboratory of Cryospheric
Science, Northwest Institute of Eco-
Environment and Resources Chinese
Academy of Sciences
Room No.- 702, Research Building - 6
Donggang West Rd. 318,
Lanzhou 730000, China
ph: +86 18621101490
e-mail: abhishek@stu.ecnu.edu.cn

Francisco Jablinski Castelhana

Federal University of Rio Grande do
Norte, Letters and Human Sciences
Center - Geography Department
Bureau 503 Natal,
Rio Grande do Norte - Brazil
ph: +55 41 98816-8885
e-mail: francisco.castelhana@ufrn.br

Zahide Acar Deniz

Department of Geography, Faculty of
Arts and Sciences, Çanakkale Onsekiz
Mart University,
P.O. Box 17100, Canakkale,
Turkey
ph: +90 286 2180018 -1798,
e-mail: zdeniz@comu.edu.tr

Guillaume Fortin

Département d'histoire et de
géographie, Faculté des arts et des
sciences sociales
Université de Moncton, Moncton
Canada
ph: +1 506 858 4364,
e-mail: guillaume.fortin@umoncton.ca

Yoshihiro Iijima

Graduate School of Bioresources,
Mie University,
1577 Kurima-machiya-cho, Tsu, Mie
514-8507, Japan
ph: +81 59 231 9354
fax: +81 59 231 9634
e-mail: yijima@bio.mie-u.ac.jp

Helena Madureira

Department of Geography, Faculdade
de Letras, Universidade de Porto,
Via Panorâmica s/no, 4150
Porto, Portugal
ph: +351 226077194
e-mail: hmadureira@letras.up.pt

Hadas Saaroni (Vice-Chair)

Department of Geography and the
Human Environment, Porter School
of the Environment and Earth
Sciences, Tel Aviv University
P.O.B 39040, Ramat Aviv,
69978 Tel Aviv, Israel
ph: +972 36406470
fax: +972 3 6406243
e-mail: Saaroni@post.tau.ac.il

Jennifer Salmond

Faculty of Science, School of
Environment
University of Auckland
Private Bag 92019
Auckland 1142
New Zealand
ph: +64 9 923 8650
e-mail: j.salmond@auckland.ac.nz

HONORARY MEMBERS:

S. Gregory (U. K.), M. Domroes (Germany), L. Nkemdirim (Canada), A. Douguedroit (France), Z. Ustrnul (Poland), J. Matsumoto (Japan)

SENIOR MEMBERS:

R. Brazdil (Czech Republic), T. Mikami (Japan), N. Tapper (Australaria), R. S. Pulwarty (USA), F. Mendonça (Brazil), A. Monteiro (Portugal)

B. Meetings

a. The meetings organized in 2021-22

Intensive on-line contact as the usual possibility of organizing business meetings has become a fact. Besides frequent e-mails exchange and except for time differences, in 2022 one on-line Commission business meeting was organized as well as a few thematic meetings devoted to common publication. On-site meeting took place during IGU Centennial Paris Congress.

CoC Business Meeting 1 – 21st March 2022

The first CoC business meeting was held on 21st March 2022, from 12:00 to 13:00 UTC. The meeting was conducted via the Zoom web meeting system and was devoted mostly to incoming Paris Congress (sessions arrangements) and planned The Geographical Journal special issue. Meeting participants were: CoC SC members: Agnieszka Wypych (Chair), Hadas Saaroni (Vice-Chair), Francisco Mendonça, Babatunde Abiodun, Jun Matsumoto, Guillaume Fortin and Yoshihiro Iijima (Secretary).



CoC Business Meeting 2 – 20th July 2022

The second CoC business meeting was held on 20th July 2022, during International Geographical Union Centennial Congress in Paris. The meeting was hybrid, conducted also via the Zoom web meeting system and was devoted to current and planned CoC activities.

Meeting participants were:

- in Paris: Agnieszka Wypych, Hadas Saaroni, Babatunde Abiodun, Guillaume Fortin, Yoshihiro Iijima, Zahide Acar, Francisco Mendonça,
- on-line: Jun Matsumoto, Jennifer Salmond, Helena Madureira and Francisco Castelhano.

It was a changing-role meeting including old and new Commission members as well as the Guests/Observers: Beatriz Funatsu and Barbaros Gönengil (Vice President of IGU).



b. A brief summary of the topics addressed at the meetings

In the CoC meeting held on **21st March 2022**, discussions were held regarding 1) sessions agenda for the coming Paris IGC2022, 2) special issue of the Geographical Journal, 3) new Commission members.

Ad 1): We summarized the Paris IGC submissions and schedule as well as and updated sessions chairpersons (also in the following e-mail discussion).

CoC SESSIONS SCHEDULE – IGU PARIS 18-22.07.2022

SESSION TITLE	CHAIR	CO-CHAIR	FORM	Nº slots	Nº abstracts
Climate And Health	Francisco Mendonça	Ana Monteiro	on-site	2	8 (7+1)
Climate Variability And Change	Zahide Acar	Hadas Saaroni	on-site	3	13 (12+1)
Extreme Weather And Climate Events	Guillaume Fortin	Francisco Mendonça	on-site	2	7
Geoengineering And Climate Change	Babatunde Abiodun		on-site	2	9
Regional Adaptation And Mitigation For Climate Change	Yoshihiro Iijima		on-site	2	9 (8+1)
Urban Climate	Jun Matsumoto	Jennifer Salmond	on-line	2	11 (8+3)
Climate Extremes And Socio-Ecosystem Responses In South America	Beatriz Funatsu		on-site	1	5

Ad 2) It was preliminary agreed with The Geographical Journal Editorial Board that the special issue (SI) entitled: "Climate change and variability: Geographical dimensions regarding risks, mitigation and adaptation" will be edited by Commission on Climatology and will include results presented in Paris. It was decided that CoC editorial team will consist of: Francisco Mendonça, Babatunde Abiodun, Guillaume Fortin and Agnieszka Wypych and prepare the SI details, preparations schedule and inform the intended authors, i.e. IGU Paris CoC sessions participants, about the possibility.

Ad 3) New SC members were finally approved: Helena Madureira from Portugal and Francisco Castelhana from Brazil (to replace in August 2022 Ana Monteiro and Francisco Mendonça, respectively).

The CoC meeting held on **20th July 2022**, discussions were held regarding 1) session summary of the Paris IGC2022, 2) special Issue of the Geographical Journal, 3) future plans.

Ad 1) We summarized participants activity regarding Paris IGC2022 – finally 48 presentations were given in 1 on-line and 6 on-site sessions. The general comment is that preparing the next conference it is worth to consider more time for discussion.

Ad 2) General information about the Special issue: "Climate change and variability: Geographical dimensions regarding risks, mitigation and adaptation" (scope, submitting procedure and deadlines) was prepared in spring by editorial team. Unfortunately it was not distributed in time. The shift in deadlines was accepted by The Geographical Journal editorial board.

Ad 3) Commission on Climatology got a new SC membership application which was accepted – since August 2022 CoC SC consists of 10 people altogether. The discussion about future plans included: Conferences and Cooperation possibilities (CoC sessions during different events, joint activities with other climatological societies), new website (it was decided to create a new website located at independent server, SC members agreed to spend IGU stipend money for that).

c. The meetings or other events planned to be held in 2023 and later years

CoC Business Meeting will be held on-line probably in winter or spring to finalize the edition of the Special Issue and in the summer (or earlier if necessary) to prepare the Commission to 35th International Geographical Congress, 25-30 August 2024, Dublin, Ireland <http://igc2024dublin.org/>.

CoC submitted a session proposal for European Geosciences Union General Assembly meeting (Vienna, Austria & Online, 23–28 April 2023) <https://meetingorganizer.copernicus.org/EGU23/session/45159>. Also organizing a session during EMS Annual Meeting, 4–8 Sep 2023, Bratislava & online has been considered.

C. Networking

a. Means, if any, by which your commission has collaborated with other IGU Commissions and Task Forces during 2021-22.

CoC was an organizing partner of IGU Thematic Conference held in the Central University of Haryana, Mahendragarh, India on 24-25 November 2022. Unfortunately no one from the Commission was able to attend the conference and join the organizing committee – only the invitation letter was sent to the Participants.

b. Collaboration, if any, with other IGU commissions or other international, intergovernmental, or inter- and multi-disciplinary groups in 2021-22

None

c. Cooperative efforts, if any, with ISC (International Science Council), and CIPSH International Council for Philosophy and Human Sciences) programs.

None

D. Publications

a. Newsletters, special journal issues, and books published in 2021-22

CoC Newsletter 2022 (not yet officially published)

b. The current (temporal) URL of the commission's website.

<http://denali.geo.uj.edu.pl/igu-coc/>

the outward (being still prepared)

<https://www.igu-coc.org/>

E. Archival Contributions

None