

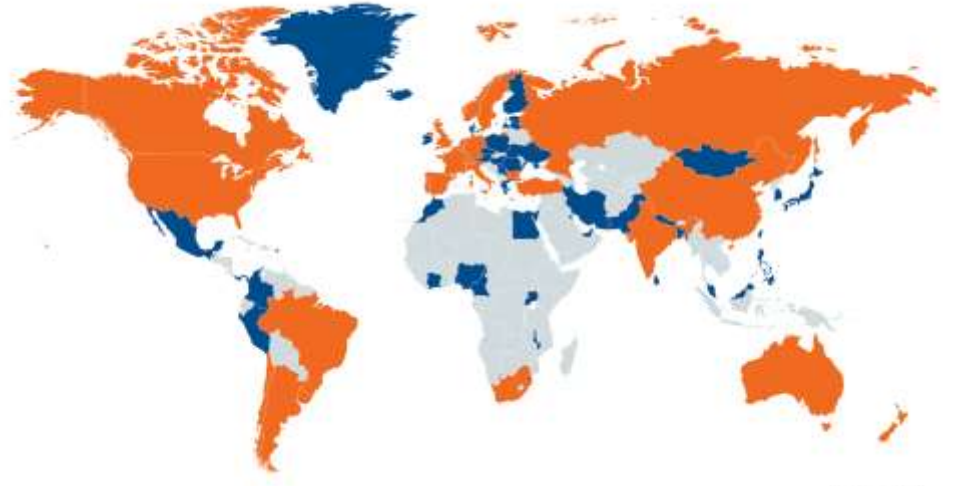
## The APECS-led IPCC group review : a launching pad for Early Career Researchers into peer review

Gwenaëlle Gremion (1,2) & **Jilda Caccavo** (2,3,4) & Collaborators  
*IPCC review project Group from APECS Council*

- 1) Institut des Sciences de la Mer, Université du Québec à Rimouski, Rimouski, G5L3A1, Canada
- 2) Association of Polar Early Career Scientists (APECS), D-14473, Germany
- 3) Alfred Wegener Institute, Potsdam, D-14473, Germany
- 4) Berlin Center for Genomics in Biodiversity Research, D-14195, Germany

**APECS is an international and interdisciplinary organization for early career researchers working in the Polar and Alpine Regions and the wider Cryosphere**

**Members:** undergraduate and graduate students, postdoctoral researchers, early faculty members, young professionals, educators and others



**Current membership: 3279 from 72 countries**

## ... international opportunities for early career researchers!

- e.g. IASC Fellowships, CAFF IASC Fellowships, ECRs on various SCAR programs and committees, attending meetings from our partners (e.g. CliC, EPB)



**... in-person and online skill  
and career development  
training**

Example: ca. 40 reported in-person  
training workshops and panels in 20  
countries in 2017!



**... education and outreach  
activities**

Examples: Polar Weeks in March and  
September, Antarctica Day



APECS Polar Week (19-25 March 2018) presents...

**My #PolarPride  
Photo and Image  
Competition!**

**Deadline: 19th of March**

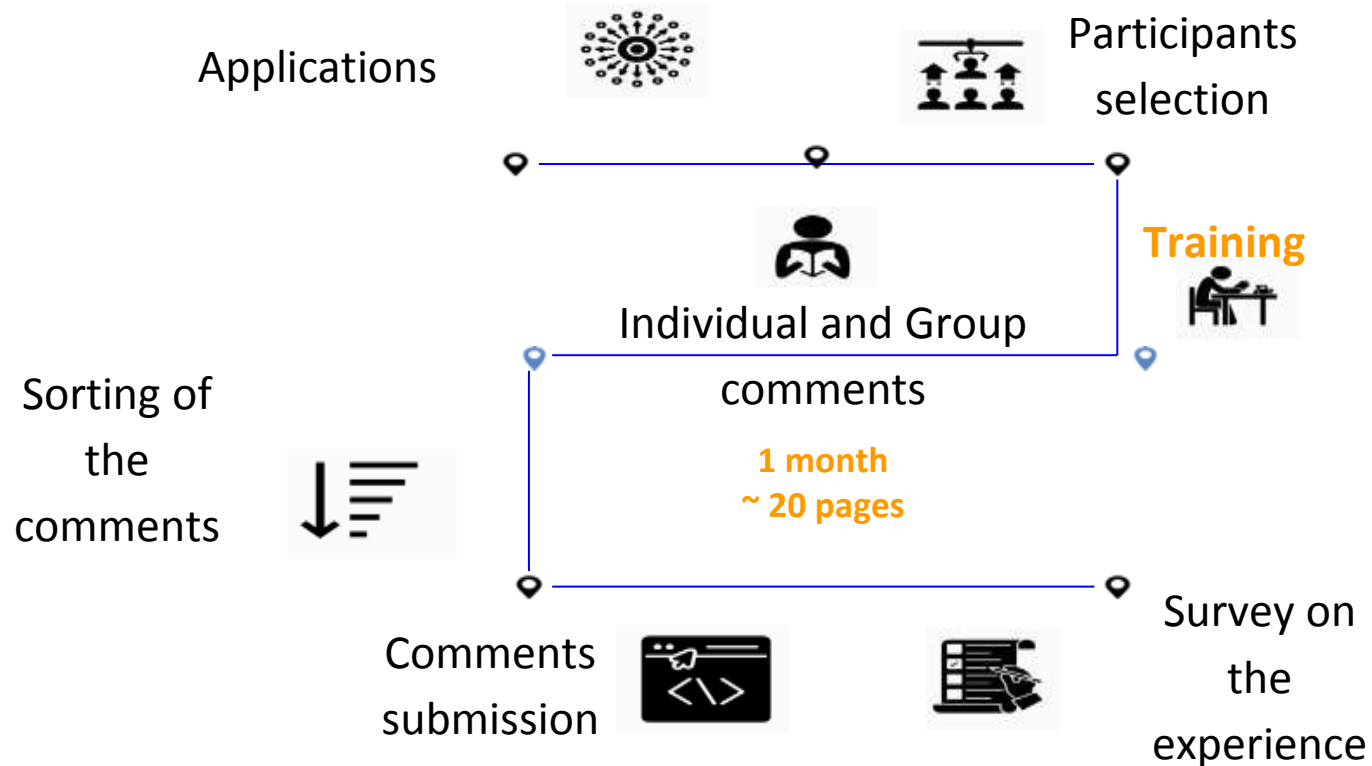
More information at [www.apecs.is](http://www.apecs.is)



... opportunities for members to  
**share their research** and to  
**develop research collaborations**

Examples: Research webinars, APECS  
Online Conference, Arctic Snapshots,  
APECS Alpine Cryosphere Group, IPCC  
Report Review





## First Order Draft

Participants selection by 10 APECS chairs : 75 ECRs



33 PhD  
and below



Worldwide repartition



42 Post.Doc  
and above

**2155 comments submitted**

## Second Order Draft

Participants selection by 19 APECS chairs: 99 ECRs



38 PhD  
and below



Worldwide repartition



61 Post.Doc  
and above

**1682 comments submitted**



## First Order Draft

Participants selection by 10 APECS chairs : 75 ECRs



33 PhD  
and below



Worldwide repartition

2155 comments submitted



42 Post.Doc  
and above



38 PhD  
and below



Worldwide repartition

1682 comments submitted



61 Post.Doc  
and above

**Lessons** from the SROCC review process and **feedback** from participants has been submitted for publication to **Geosciences Communications** and is currently under review. Keep an eye out for **Casado *et al.* 2020!**

**AR6 Climate Change 2021: The Physical Science Basis**

April 2021

**Spring 2019**

6 Chapters selected

**A total of 2688 comments submitted**

**145 ECRs**

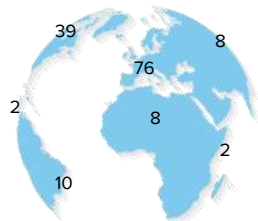


64 PhD and below

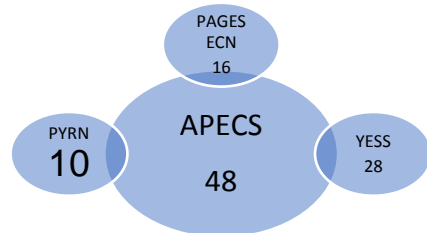


81 Post.Doc and above

International representation



From the different partners affiliations



None affiliated : 27

**AR6 Climate Change 2021: Impacts, Adaptation and Vulnerability**

**Autumn 2019**

5 Chapters selected +  
CC Polar regions and Mountains

**91 ECRs**



46 PhD and below

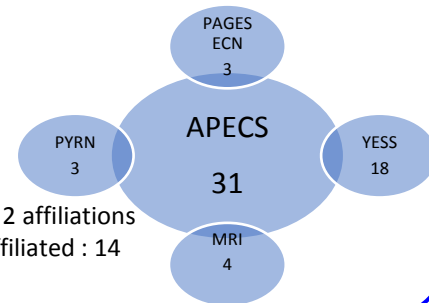


35 + 11 Post.Doc and others

International representation




From the different partners affiliations



More than 2 affiliations  
Or None affiliated : 14  
and 18

The review of the IPCC's SOD-AR6-WGI (*deadline: Jan. 8th, 2020*)



**AR6 Climate  
Change 2021:  
The Physical  
Science Basis**

April 2021



**SCAN ME**

**Become an APECS member!** Website: [www.apecs.is](http://www.apecs.is) Email: [info@apecs.is](mailto:info@apecs.is)



Gwenaëlle Gremion (1,2), Mathieu Casado (3), Jilda Caccavo (2,3,4)

**Complete list of collaborators :**

*In alphabetical order* : Kelsey Aho (2,5), Casey Beel (6,7), Helena Bergstedt (6,8), Nicolas Champollion (2,9), Manuel Chevalier (10,11), Emily Choy (2,12), Sarah L. Connors (13), Henrieka Detlef (10,14), Rahul Dey (2,15), Alfonso Fernández (2,16), Gerlis Fugmann (2,3), Hugo Guímaro (2,17), Laura Halbach (2,14), Juan Höfer (2,18), Jo-Ting Huang-Lachmann (19,20), Shipra Jain (19,21), Ignacio A. Jara (10,22), Shridhar Jawak (2,23), Alexander Koch (10,24), Aino Kulonen (25), Gaby Langendijk (19,26), Martine Lizotte (2,27), Sarah Maes (2,28), S. Yoshi Maezumi (10,29), Kyle Mayers (2,30), Juan-Lukas Menzel (2,31), Katja Mintenbeck (32), Jhon Fredy Mojica (2,33), Marta Moreno Ibáñez (2,34), Prashant Pandit (2,35), Rosaria Erika Pileci (2,36), Elvira Poloczanska (32), Priyanka (2,37), Valentina Rabanal (19,38), Paul Rosenbaum (2,39), Sebastián Ruiz (2,6,40), Elisa Seyboth (2,41), Sarah Shakil (2,42), Maud van Soest (2,43), Florian Vidal (2,44), Natanael Vieira de Sousa (19,45)

(1) Institut des Sciences de la Mer, Université du Québec à Rimouski, Rimouski, G5L3A1, Canada

(2) Association of Polar Early Career Scientists (APECS), D-14473, Germany

(3) Alfred Wegener Institute, Potsdam, D-14473, Germany

(4) Berlin Center for Genomics in Biodiversity Research, D-14195, Germany

(5) International Arctic Research Center, University of Alaska Fairbanks, Fairbanks, Alaska 99775-7340, USA

(6) Permafrost Young Researchers Network (PYRN)

(7) Queen's University, Canada

(8) Department of Geoinformatics – Z\_GIS, University of Salzburg, Salzburg, Austria

(9) Université Grenoble Alpes, Institut des Géosciences de l'Environnement, Saint-Martin d'Hères 38400, Grenoble, France / Climate Lab, University of Bremen, Celsiusstrasse 2, 28359 Bremen, Germany

(10) PAGES Early-Career Network

(11) University of Lausanne, Switzerland

(12) McGill University, 2111 Lakeshore Road, Ste. Anne de Bellevue, Quebec, Canada H9X 3V9

(13) Université Paris-Saclay, 91190 Saint Aubin, France

(14) Aarhus University, Roskilde, Denmark

(15) National Centre for Polar and Ocean Research, Goa, India

(16) Department of Geography, Universidad de Concepción, Chile

(17) MARE – Marine and Environmental Sciences Centre, Department of Life Sciences, University of Coimbra, 3000-456 Coimbra, Portugal

(18) Escuela de Ciencias del Mar, Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile.

(19) Young Earth System Scientists (YESS) Community

(20) Climate Service Center Germany (GERICS), Germany

(21) University of Edinburgh, UK & Indian Institute of Technology Delhi

(22) Center for Advanced Studies in Arid Zones (CEAZA), Chile

(23) Svalbard Integrated Arctic Earth Observing System (SIOS), Svalbard Forskningspark, P.O. Box 156, N-9171 Longyearbyen, Norway

(24) University College London, UK

(25) Mountain Research Initiative, Switzerland

(26) Climate Service Center, Germany.

(27) Department of Biology, Université Laval, Québec, Québec G1V 0A6

(28) KU Leuven, 3000 Leuven, Belgium

(29) University of the West Indies Mona Jamaica / University of Amsterdam The Netherlands

(30) NORCE Norwegian Research Centre AS, Nygårdsgaten 112, 5006, Bergen, Norway

(31) Stellenbosch University, South Africa

(32) Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Am Alten Hafen 26, 27568 Bremerhaven, Germany

(33) Center for global Sea Level Change (CSLC), New York University Abu Dhabi (NYUAD), Abu Dhabi, UAE.

(34) Centre pour l'étude et la simulation du climat à l'échelle régionale (ESCER), Université du Québec à Montréal (UQÀM), Montréal, H2X 3Y7, Canada

(35) TERI University, New Delhi, India

(36) Laboratory of Atmospheric Chemistry, Paul Scherrer Institute (PSI), 5232 Villigen PSI, Switzerland

(37) Masters' in Environmental Studies and Resource Management, TERI School of Advanced Studies (formerly TERI University), New Delhi, India

(38) Universidad de Buenos Aires, Facultad de Ciencias Exactas y Naturales, Departamento de Ciencias de la Atmósfera y los Océanos, Buenos Aires, Argentina

(39) Department of Business Studies, Uppsala University, Uppsala, 75120, Sweden

(40) Geography Institute, Pontifical Catholic University, Chile

(41) Centre for Sustainable Oceans, Faculty of Applied Sciences, Cape Peninsula University of Technology, Cape Town 8000, South Africa

(42) Department of Biological Sciences, University of Alberta, Edmonton, AB, T6G 2E3, Canada

(43) Geography and Environment, Loughborough University, Loughborough, LE11 3TU, UK

(44) Paris Interdisciplinary Energy Research Institute, University of Paris, France

(45) CPTEC/INPE, Brazil