

# REPORT OF THE FIFTY-EIGHTH SESSION OF THE IPCC

Interlaken, Switzerland, 13 – 17 March 2023

## 1. OPENING OF THE SESSION

The Chair of the IPCC, Mr Hoesung Lee, called the Fifty-eighth Session of the IPCC (IPCC-58) to order at 10:00 (CEST) on Monday 13 March 2023 and welcomed delegates to the Fifty-eighth Session of IPCC. He invited the Secretary of the IPCC, Mr Abdalah Mokssit, to moderate the opening session. The Secretary of the IPCC, Mr Abdalah Mokssit, welcomed delegates to Interlaken, Switzerland and thanked the Government of Switzerland for hosting the Fifty-eighth Session of the IPCC. He noted that this was the first in-person approval plenary session since the COVID-19 pandemic and the last plenary approval session of the sixth assessment cycle. He indicated that over 650 delegates representing 135 countries and 34 observer organizations had registered for the session, noting a relatively high number of the delegates from developing countries.

The Secretary of the IPCC invited the following speakers to take the floor: the Minister, Federal Councilor, Department of the Environment, Transport, Energy and Communications, Switzerland, Albert Rösti, the Secretary-General of the United Nations, Antonio Guterres, the Secretary-General of the World Meteorological Organisation (WMO) Petteri Taalas, the Executive Director of the United Nations Environment Programme (UNEP) Inger Andersen, the Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC), Simon Stiell and the Chair of the Intergovernmental Panel on Climate Change (IPCC) Hoesung Lee.

H.E. Mr Albert Rösti, Minister, Federal Councilor, Department of the Environment, Transport, Energy and Communication, Switzerland underlined Switzerland's vulnerability to the impacts of climate change, in the alpine regions, agriculture, health, ecosystems and infrastructure. He added that the findings of the IPCC reports helped Swiss policymakers make informed decisions in addressing climate change.

H.E. Mr Antonio Guterres, United Nations Secretary-General, through a pre-recorded video message, stated that delays in taking decisions would have dire consequences and there would be enormous dividends to making tough but essential choices. He acknowledged that after each report, the IPCC had built the case, setting out the science of climate change and the urgency for climate action and invited the IPCC to assist the delegates at COP28 during the first Global Stocktake in pointing out pathways and solutions in line with the goals of the Paris Agreement.

Through a pre-recorded video message, the Secretary-General of the World Meteorological Organization (WMO), Mr Petteri Taalas, thanked the IPCC for its work in producing three Special Reports and three Working Group contributions to the Sixth Assessment Report which had provided a clear message for decision makers. He added that the IPCC had been a great success story for science communication and as a result progress was being seen in climate mitigation and adaptation.

Through a pre-recorded video message, United Nations Environment Programme (UNEP) Executive Director, Ms Inger Andersen, acknowledged the critical nature of the Synthesis Report which brought together, in one package, the findings of the three Working Group contributions to the Sixth Assessment and the Special Reports. This package also laid out the scale and impacts of human-induced climate change. She indicated that IPCC reports fed into the first and second steps of the first Global Stocktake under the Paris Agreement and looks forward to the final step of the Global Stocktake scheduled to take place at COP28 in the United Arab Emirates.

Mr Simon Stiell, Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC), through a pre-recorded video message, acknowledged the IPCC assessments were fundamental to the UNFCCC and the entire spectrum of processes tackling climate change.

IPCC reports had also demonstrated how human activities such as burning fossil fuels and changing the way land is used were changing the climate and had left no doubt about the risks we would face if we did nothing. The reports have also highlighted the opportunities for action and the economics of solutions. He added that the Synthesis Report would be a key input to the Global Stocktake as it would pull together the facts, risks and solutions pertaining to climate change.

Mr Hoesung Lee, Chair of the Intergovernmental Panel on Climate Change (IPCC), welcomed government delegations, representatives of observer organizations, IPCC authors and Bureau members to the Fifty-eighth Session of the IPCC. The Chair highlighted that the Synthesis Report was the culmination and convergence of the Panel's efforts to deliver the most robust and relevant climate change science to policymakers, drawing on the six previous reports to deliver a number of new approaches and insights. He stated that IPCC reports had clearly shown that humanity had the know-how and the technology to tackle human-induced climate change. In addition, the reports had also shown that we had the capacity to build a more prosperous, inclusive and equitable society in the process.

The Secretary took the floor concluding the opening ceremony.

The Chair turned to the provisional agenda for the session and invited the Secretary of the IPCC to introduce this agenda item and the relevant document ([IPCC-LVIII/Doc. 1](#)).

The Secretary presented the item and the document, noting that the Secretariat had not received any requests for insertions of new items to the provisional agenda.

The Chair opened the floor for comments.

There were no comments from the floor on this item.

The Chair invited the Panel to adopt the Provisional Agenda. The provisional agenda of the session was adopted as contained in document [IPCC-LVIII/Doc. 1](#).

## **2. APPROVAL OF THE DRAFT REPORT OF THE FIFTY-SEVENTH SESSION OF THE IPCC**

The Chair of the IPCC invited the Secretary of the IPCC to introduce document [IPCC-LVIII/Doc. 2](#), the Draft report of the Fifty-seventh Session of the IPCC (IPCC-57).

The Secretary presented the agenda item and document IPCC-LVIII/Doc. 2 and indicated that the draft report was distributed for comments on 22 February 2023. Comments received had been incorporated into the final version, now being presented to the Plenary for approval.

The Chair opened the floor for comments.

There were no comments from the floor.

The Panel approved the draft report of the Fifty-seventh Session of the IPCC as contained in the document [IPCC-LVIII/Doc.2](#).

## **3. SIXTH ASSESSMENT REPORT OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE. CONSIDERATION OF THE ADOPTION OF THE DRAFT SYNTHESIS REPORT AND APPROVAL OF ITS DRAFT SUMMARY FOR POLICYMAKERS (SPM)**

Following the consideration of the subsections of the SPM of the Synthesis Report by delegates followed by respective contact group sessions and huddles when needed, in accordance with paragraph 4.6.1 of Appendix A to the Principles Governing IPCC Work, the Chair of the IPCC submitted to the Plenary for approval the draft Summary for Policymakers (SPM) of the Synthesis Report of the Sixth Assessment Report as contained in document [IPCC-LVIII/Doc. 4](#).

The Chair of the IPCC also submitted to the Plenary for adoption the draft longer report of the Synthesis Report of the Sixth Assessment Report contained in document [IPCC-LVIII/Doc. 5](#). The Panel first approved the SPM provisionally, line by line. It then reviewed and adopted the longer report of the Synthesis Report, section by section. Finally, the Panel adopted the final text of the longer report of the Synthesis Report and approved the SPM two days after the scheduled end of the meeting which resulted in a reduced number of delegations remaining in the room for much of the last day.

#### **4. ANY OTHER BUSINESS**

There were no items for discussion under this agenda item.

#### **5. PLACE AND DATE FOR THE FIFTY-NINTH PLENARY SESSION OF THE IPCC**

There was no discussion under this agenda item.

#### **6. CLOSING OF THE SESSION**

The Chair opened the floor for closing remarks.

Australia, Belgium, Canada, China, Cuba, Denmark, France, India, Luxembourg, Mexico, Norway, Republic of Korea, Saudi Arabia, Sweden, Switzerland, Turkey, United States of America, Mr Andy Reisinger, Vice-Chair Working Group III, Center for International Environmental Law (CIEL), Friends World Committee for Consultation (FWCC), Organization of Petroleum Exporting Countries (OPEC) took the floor.

Points made included congratulations to the Chair, for his dedication and leadership, the authors, IPCC Vice Chairs, Bureau members, Scientific Steering Committee, Technical Support Units for the preparation of the Synthesis Report in challenging times. The Secretariat was also thanked for its work behind the scenes leading to a successful approval session. Expressions of thanks were also made to the Government of Switzerland for hosting the session. Appreciation was shown for the IPCC which remains an important and credible source of information with its reports being used as a basis for developing policies both nationally and internationally.

It was further hoped that alternative approaches to the current approval process that would be more efficient and effective could be explored. Concerns were raised regarding the inclusivity of decision-making during the approval session. Smaller delegations, especially one person delegations, did not have equal capacity to participate due to both concurrent plenary discussions, breakout groups, and huddles as well as the exceedingly long hours as the approval sessions extended beyond the scheduled time. Furthermore, as the approval plenary extended two days beyond its anticipated conclusion, many delegations were forced to depart and unable to participate in the approval of the longer report. Requests were made for the IPCC to review its procedures with the view to ensure the presence of developing country delegations for the duration of approval sessions in the future. The Secretariat was thanked for its efforts in ensuring the extension of developing country delegations to the end of the session.

The importance of human rights and rights-based approaches for climate action which was elevated to the Summary for Policymakers was welcomed. It was noted with appreciation that the Sixth Assessment Report Synthesis Report highlighted Indigenous People and Indigenous Knowledge. It was further suggested that, in the future, the IPCC should include Indigenous Science and Indigenous Knowledges in its reports with appropriate guidance developed for its inclusion, with the possibility of an expert workshop to develop the necessary guidance documentation. Some concerns were expressed about the Synthesis Report not addressing, in-depth, the issues of equity and justice on mitigation, adaptation, burden-sharing, the provision of finance and the means of implementation.

The Secretary of the IPCC took the floor to announce the passing away of Ms Patricia Annie Courtin, a former colleague in the IPCC Secretariat. A minute of silence was observed in her memory.

He expressed his appreciation for having worked with the Chair throughout the Sixth Assessment cycle, the most difficult cycle in the history of the IPCC, with a total of 19 plenaries, working throughout the COVID-19 pandemic, a total of eight reports and four pavilions at UNFCCC COP sessions. He added that the IPCC Trust Fund had started the cycle with a cash balance of CHF 7.6 million but now it had a cash balance of CHF 25 million, which was a sign of trust.

He thanked the Bureau members, Section Facilitators, Technical Support Units and delegates for their hard work and support. He also recognized the work of the staff within the Secretariat who had demonstrated their spirit of solidarity.

In response to the issue of inclusivity, he invited the Financial Task Team at its next meeting to agree to extend the participation of developing country delegates until the end of approval sessions.

In his closing remarks, the Chair remembered Ms Patricia Annie Courtin fondly for her work and affable demeanour. The Chair indicated that the Synthesis Report team had addressed over 6,800 review comments received during the Final Government Distribution. A total of 93 authors from 40 countries contributed their time and expertise with 40% from developing countries and 44% were Women. He stressed that the Synthesis Report was a collective accomplishment and added that it had been a privilege to lead such an exceptional team. He thanked the Secretary of the IPCC and the Secretariat for their support. He further thanked the Section Facilitators and authors for their unshakeable commitment and tireless work. He showed appreciation to the IPCC Vice-Chairs, Bureau members, Working Group and TFI Co-chairs, and Working Group Vice-Chairs for their commitment and scientific guidance that had been instrumental in guiding the Synthesis Report to its completion and approval. He further acknowledged the Synthesis Report Technical Support Unit (SYR TSU) and recognized the contribution of Mr. José Romero, Head of the SYR TSU, as well as the Working Group Technical Support Units for their close collaboration and hard work.

He thanked the Government of Switzerland for hosting the 58<sup>th</sup> Session. He also thanked the Governments of Switzerland and Korea for hosting receptions on the opening day of the Session, and the staff of the Congress Kursaal Interlaken for being such accommodating hosts.

Finally, he expressed appreciation for the nearly 600 delegates who turned up in record numbers and played a vital role in shaping the approved Synthesis Report Summary for Policymakers.

The Chair declared the Fifty-eighth Session of the IPCC closed at 19:35 (CEST) on Sunday, 19 March 2023.

**FIFTY-EIGHTH SESSION OF THE IPCC**  
13 to 17 March 2023, Interlaken, Switzerland

**Decisions adopted by the Panel**

**Decision IPCC-LVIII- 1. Adoption of the Provisional Agenda**

*Documents: IPCC-LVIII/Doc.1 and IPCC-LVIII/Doc.1, Add.1*

The Intergovernmental Panel on Climate Change at its Fifty-eighth Session adopts the provisional agenda as contained in document IPCC-LVIII/Doc.1.

**Decision IPCC-LVIII- 2. Approval of the draft report of the Fifty-Seventh Session of the IPCC**

*Document: IPCC-LVIII/Doc. 2*

The Intergovernmental Panel on Climate Change at its Fifty-eighth Session approves the report of the Fifty-seventh Session of the IPCC.

**Decision IPCC-LVIII-3. Sixth Assessment Report of the Intergovernmental Panel on Climate change. Consideration of the adoption of the Draft Synthesis Report and approval of its Draft Summary for Policymakers (SPM)**

*Documents: IPCC-LVIII/Doc. 4; IPCC-LVIII/Doc. 5*

The Intergovernmental Panel on Climate Change at its Fifty-eighth Session adopts the longer report of the Synthesis Report of the Sixth Assessment Report and approves the Summary for Policymakers (SPM) of the Synthesis Report of the Sixth Assessment Report, in accordance with paragraph 4.6.1 of Appendix A to the Principles Governing IPCC Work.

Statement for the record, United States of America, IPCC-58:

The United States of America does not support the categorization of developed and developing countries reflected in Figure 4.6 of the Synthesis Report of the Sixth Assessment Cycle. The grouping of “developing” countries presented in Figure 4.6 is outdated and includes many highly industrialized countries and many high income countries, and as such, presents information in a manner that is not based on an objective classification of current development levels. We further note that Annex I of the Glossary attached to this Report in its definition of developed/developing countries states that “there is a diversity of approaches for categorizing countries on the basis of their level of development, and for defining terms such as industrialised, developed, or developing. Several categorisations are used in this report. In the United Nations (UN) system, there is no established convention for the designation of developed and developing countries or areas.” In our view, the developed/developing country groupings used in this figure should not be used in future IPCC reports and assessment cycles.

## **ECUADOR'S STATEMENT DURING THE SYR-AR6 APPROVAL SESSION**

Ecuador sees with concern that the “Hockey Stick” experience in the IPCC Third Assessment Cycle (TAR) has not served as enough experience within the IPCC community, repeating the same approach in the AR6. Having showcased one temperature reconstruction from one consortium of authors as a stand-alone reconstruction rebuilds the “Hockey Stick”, providing a biased picture of the last 2000 years. It is clear from this reconstruction that the temperature variability is constrained, resulting in a constrained perspective of the last 2000 years. Furthermore, AR4 and AR5 included a variety of hemispheric and global temperature reconstructions of the last 2000 years, providing a better view of the gaps and focus of scientific literature between hemispheres and globally. In the overall approach of the IPCC assessment, there is a need to consider broadly the information that comes from one consortium of authors specialized in one thematic area.

In addition, although there are more pages of paleoclimate information in the WGI report on this cycle compared with the previous ones, the need to have a specific chapter on paleoclimate seems necessary to produce in the AR7. There is a gap of information, in particular, the Tropics in relation to paleoclimate information, which is required to be fulfilled in the next assessment. This information is crucial for countries in Low Latitudes to prepare analyses on climate change, those related to loss and damage. Furthermore, the inclusion of a specific chapter needs to come along with an increase in the number of paleoclimate authors. For instance, the number of authors included on the temperature variation for the last 2000 years was fewer than in previous cycles.

In the overall approach of the IPCC assessment, there is a need to consider broadly the information that comes from one consortium of authors specialized in one thematic area. In addition, there is a need for a paleoclimate chapter and the inclusion of more researchers in this area. If we do not understand the past, we will not understand potential changes in the future.

**INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE**

**FIFTY-EIGHTH SESSION OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE**

**Interlaken, Switzerland, 13 – 17 March 2023**

**LIST OF PARTICIPANTS**



## BUREAU MEMBERS

LEE Hoesung  
Chair of the IPCC  
Korea University  
Email: leehoesung@gmail.com

ABDULLA Amjad  
International Renewable Energy Agency  
Email: abdulla.amjad@gmail.com

ALDRIAN Edvin  
Agency for Meteorology, Climatology and  
Geophysics (BMKG)  
Email: e\_aldrrian@yahoo.com

BARRETT Ko  
IPCC  
Email: ko.barrett@ipcc.ch

DADI Diriba Korecha  
USGS/Famine Early Warning Systems Network  
Email: dkorecha@yahoo.com

FISCHLIN Andreas  
ETH Zurich  
Email: andreas.fischlin@env.ethz.ch

FLATO Gregory Mark  
Environment and Climate Change Canada  
Email: greg.flato@ec.gc.ca

FUGLESTVEDT Jan  
CICERO  
Email: j.s.fuglestvedt@cicero.oslo.no

GOUTBI ELHASSAN MAHMOUD Nagmeldin  
Higher Council for Environment and Natural  
Resources (HCENR)  
Email: goutbi@yahoo.com

HOWDEN Mark  
Australian National University  
Email: Mark.Howden@anu.edu.au

KRUG Thelma  
Instituto Nacional de Pesquisas Espaciais (INPE)  
Coordenação de Observação da Terra (DSR/OBT)  
Email: krugthelma@gmail.com

MASSON-DELMOTTE Valerie  
IPCC WGI  
Email: valerie.masson@lsce.ipsl.fr

MENDEZ Carlos  
Venezuelan Institute for Scientific Research,  
Caracas (IVIC)  
Email: carlos.menvall@gmail.com

PEREIRA Joy  
Universiti Kebangsaan Malaysia  
Email: pereirajoy@yahoo.com

PICHS MADRUGA Ramon  
CIEM  
Email: rpichs@yahoo.com.mx

PÖRTNER Hans-otto  
Alfred-Wegener-Institut  
Email: Hans.Poertner@awi.de

REISINGER Andy  
He Pou A Rangi Climate Change Commission  
Email: andy.reisinger.ipcc@posteo.nz

ROBERTS Debra  
Sustainable and Resilient City Initiatives Unit  
Email: debra.roberts@durban.gov.za

SEMENOV Sergei  
Yu. A. Izrael Institute of Global Climate and  
Ecology  
Email: SergeySemenov1@yandex.ru

SKEA Jim  
IPCC  
Email: j.skea@ipcc-wg3.ac.uk

SOKONA Youba  
Groupe de Réflexion, d'Analyses et  
d'Initiatives Novatrices (GRAIN)  
Email: ysokona@gmail.com

TANABE Kiyoto  
Institute for Global Environmental Strategies  
Email: tanabe@iges.or.jp

ÜRGE-VORSATZ Diana  
Central European University  
Email: vorsatzd@ceu.edu

VERA Carolina  
CIMA/University of Buenos Aires-CONICET  
Email: carolina@cima.fcen.uba.ar

YASSAA Nouredine  
Centre de Développement des Energies  
Renouvelables  
Email: noyassaa@gmail.com

ZATARI Taha  
Designated National Authority for CDM  
Email: tahazat@yahoo.com

ZHAI Panmao  
China Meteorological Administration  
Email: pmzhai@cma.gov.cn

## **MEMBER COUNTRIES**

### **ALBANIA**

RABDISHTA Eneida  
Head of Delegation  
Ministry of Tourism and Environment  
Email: eneida\_rabdishta@yahoo.com

### **ANTIGUA AND BARBUDA**

PAIGE Orvin  
Head of Delegation  
Antigua and Barbuda Meteorological Services  
Email: odepaige@yahoo.com

SIMON Arry Aquille  
Alternate Head of Delegation  
Department of Environment  
Email: arry.simon@ab.gov.ag

### **ARGENTINA**

DALMAZZO Angel  
Permanent Mission of Argentina to the International  
Organizations in Geneva  
Email: zod@mrecic.gov.ar

DI PIETRO PAOLO Lucas  
Head of Delegation  
Ministry of Environment and Sustainable  
Development of Argentina  
Email: ldipietro@ambiente.gob.ar

### **ARMENIA**

BUDOYAN Nona  
Head of Delegation  
Ministry of Environment  
Email: nona.budoyan@env.am

### **AUSTRALIA**

FORD Melanie  
Head of Delegation  
Department of Climate Change, Energy, the  
Environment and Water  
Email: Melanie.Ford@dcceew.gov.au

BAILEY Maggie  
Alternate Head of Delegation  
Department Climate Change, Energy, the  
Environment and Water  
Email: Maggie.Bailey@dcceew.gov.au

EDDINGTON Margie  
Department of Climate Change, Energy, the  
Environment and Water  
Email: Margie.Eddington@dfat.gov.au

ZWARTZ Daniel  
Delegate  
Department of Climate Change, Energy, the  
Environment and Water  
Email: Dan.Zwartz@dcceew.gov.au

### **AUSTRIA**

OGRIS Manfred  
Head of Delegation  
Austrian Federal Ministry of Climate Action,  
Environment, Energy, Mobility, Innovation and  
Technology  
Email: manfredogris@gmx.at

## **BAHAMAS**

SIMMONS Jeffrey  
Head of Delegation  
Bahamas Department of Meteorology  
Email: jeffreysimmons@gmail.com

## **BANGLADESH**

ALI Mirza Shawkat  
Head of Delegation  
Department of Environment  
Email: mirzasa1@yahoo.com

## **BARBADOS**

NURSE Danielle  
Head of Delegation  
Barbados Meteorological Services  
Email: danielle.nurse@barbados.gov.bb

## **BELARUS**

MELEKH Dzmitry  
Head of Delegation  
Deputy Head of the Department of International  
Scientific Cooperation and Climate  
Email: melekhdima@gmail.com

## **BELGIUM**

RYMEN Bart  
Head of Delegation  
Belgian Science Policy  
Email: bart.rymen@belspo.be

VAN YPERSELE Jean- Pascal  
Alternate head of Delegation  
Université catholique de Louvain (UCLouvain) -  
Georges Lemaitre Centre for Earth and Climate  
Research (TECLIM)  
Email: jean-pascal.vanypersese@uclouvain.be

BAYON Ignacio Lopez  
Gouvernement de Wallonie, Cabinet du Ministre du  
Climat, de l'Energie, de la Mobilité et des  
Infrastructures  
Email: ignacio.lopezbayon@gov.wallonie.be

BOON Clara  
Université catholique de Louvain (UCLouvain)  
Email : clara.boon@student.ihecs.be

FALIER Anne  
Université catholique de Louvain (UCLouvain)  
Email: anne.falier@uclouvain.be

GAINO Bruna  
Plateforme wallonne pour le GIEC/UCLouvain  
Email: Bruna.Gaino@uclouvain.be

JACOBS Luc  
FOD Buitenlandse Zaken, Buitenlandse  
Handel en Ontwikkelingssamenwerking  
Email: luc.jacobs@diplobel.fed.be

JAMSIN Ella  
Belgian Climate Center  
Email: ella.jamsin@climatecentre.be

MARBAIX Philippe  
Plateforme wallonne pour le GIEC/UCLouvain  
Email: Philippe.Marbaix@uclouvain.be

LAMARQUE Pénélope  
Plateforme wallonne pour le GIEC/UCLouvain  
Email: penelope.lamarque@uclouvain.be

THIERY Win  
Belgian Science Policy  
Email: bart.rymen@belspo.be

TONDEUR Alain  
Plateforme wallonne pour le GIEC/Université  
catholique de Louvain (UCLouvain)  
Email: alain.tondeur@uclouvain.be

## **BELIZE**

YOUNG Shanea  
Head of Delegation  
National Meteorological Service of Belize  
Email: syoung@nms.gov.bz

## **BHUTAN**

KARMA Karma  
Head of Delegation  
National Center for Hydrology  
Email: karma@nchm.gov.bt

## **BENIN**

CHEDE Dakpanon Felicien  
Head of Delegation  
National Meteorological Agency  
Email: chedef@yahoo.fr

## **BOLIVIA**

PACHECO BALANZA Diego  
Head of Delegation  
General Director Geopolitics of Living Well  
(Vicepresidency)  
Email: jallpa@yahoo.com

## **BOSNIA AND HERZEGOVINA**

KOVACIC Igor  
Head of Delegation  
Hydrometeorological Institute of Republika Srpska  
Email: i.kovacic@rhmrzrs.com

## **BOTSWANA**

JEREMIAH Tshire Fiona  
Head of Delegation  
Department of Meteorological  
Email: tjeremiah@gov.bw

## **BRAZIL**

DA SILVA NUNES Tovar  
Head of Delegation  
Permanent Mission of Brazil to the United Nations  
Office and other international organizations in Geneva  
Email: tovar.nunes@itamaraty.gov.br

BALTHAR DE SOUZA SANTOS Leonardo  
Division of Climate Change  
Email: leonardo.souzasantos@itamaraty.gov.br

BANDEIRA Helges  
Permanent Mission of Brazil to the United Nations  
Office and other international organizations in Geneva  
Email: helges.bandeira@itamaraty.gov.br

MACHADO DA FONSECA Daniel  
Division of Climate Change  
Email: daniel.fonseca@itamaraty.gov.br

SANTOS Diogo Victor  
MCTI  
Email: diogo.santos@mcti.gov.br

## **BURUNDI**

HABIMANA Jean De Dieu  
Head of Delegation  
GEOGRAPHIC INSTITUTE OF BURUNDI  
Email: kanajdedieu@gmail.com

## **CAMBODIA**

LUN Lido  
Head of Delegation  
Ministry of Environment  
Email: lunlido07@gmail.com

PICH Sokhim  
Delegate  
Ministry of Environment  
Email: sokhim\_rua@yahoo.com

## **CAMEROON**

KAGONBE Temothee  
Head of Delegation  
MINEPDED/Cameroon  
Email: kagonbet@yahoo.fr

NGODEBO Adrien Frederic  
Alternate Head of Delegation  
Administrateur Civil  
Ministry of Finance  
Email: ngodebo2001@yahoo.fr

## **CANADA**

D'IORIO Marc  
Head of Delegation  
Environment and Climate Change Canada  
Email: marc.diorio@ec.gc.ca

MORIN Nathalie  
Alternate Head of Delegation  
Environment and Climate Change Canada  
Email: nathalie.morin@ec.gc.ca

BALLARD Myrle  
Environment and Climate Change Canada  
Email: myrle.ballard@ec.gc.ca

BUSH Elizabeth  
Environment and Climate Change Canada  
Email: elizabeth.bush@ec.gc.ca

DERKSEN Chris  
Environment and Climate Change Canada  
Email: chris.derksen@ec.gc.ca

GILMORE Elisabeth  
Environment and Climate Change Canada  
Email: elisabeth.gilmore@ec.gc.ca

OUELLET Kaj  
Environment and Climate Change Canada  
Email: kaj.ouellet@ec.gc.ca

REDFERN Jasmine  
Amautiit: Nunavut Inuit Women  
Email: redfern.jasmine@gmail.com

SIMPSON Anne  
Inuit Circumpolar Council Canada  
Email: asimpson@inuitcircumpolar.com

## **CHILE**

JADRIJEVIC Maritza  
Head of Delegation  
Climate Change Division, Ministry of the Environment  
Email: mjadrijevic@mma.gob.cl

LAMBERT Fabrice  
Delegate  
Pontificia Universidad Catolica de Chile  
Email: lambert@uc.cl

## **CHINA**

BI Baogui  
Head of Delegation  
China Meteorological Administration  
Email: guoji@cma.gov.cn

CHAO Qingchen  
Alternate Head of Delegation  
China Meteorological Administration  
Email: chaoqc@cma.gov.cn

BAI Quan  
National Reform and Development Commission  
Email: baiquan@tsinghua.org.cn

CHENG Lijing  
Chinese Academy of Sciences  
Email: chenglij@mail.iap.ac.cn

GAO Qihui  
Ministry of Ecology and Environment  
Email: qihuigao\_ee@163.com

GUO Xiaofeng  
Department of Treaty and Law  
Ministry of Foreign Affairs  
Email: oliverguo99@126.com

HUANG Lei  
China Meteorological Administration  
Email: huanglei@cma.gov.cn

LI Yutong  
China Meteorological Administration  
Email: liyutong66@126.com

LU Chunhui  
China Meteorological Administration  
Email: luchh@cma.gov.cn

WANG Jiangquan  
Ministry of Foreign Affairs  
Email: 19901259815@126.com

XU Xinwu  
China Meteorological Administration  
Email: xuxw@cma.gov.cn

YANG Xiao  
China Meteorological Administration  
Email: yangxiaomichelle@outlook.com

YANG Xin  
National Reform and Development  
Commission  
Email: yx8998@163.com

ZHANG Xingying  
China Meteorological Administration  
Email: zxy@cma.gov.cn

ZHANG Yongxiang  
China Meteorological Administration  
Email: zhangyx@cma.gov.cn

## **COLOMBIA**

ECHEVERRY PRIETO Ghislane  
Head of Delegation  
The Institute of Hydrology, Meteorology and  
Environmental Studies (Ideam)  
Email: direccion@ideam.gov.co

## **COOK ISLAND**

NGARI Arona  
Head of Delegation  
Cook Islands Meteorological Service  
Email: arona.ngari@cookislands.gov.ck

## **COSTA RICA**

CALVO MENDEZ Marilyn  
Head of Delegation  
National Meteorological Institute  
Email: mcalvo@imn.ac.cr

## **COTE D'IVOIRE**

DJE Kouakou Bernard  
Head of Delegation  
Meteorology Office  
Email: dkouakou\_b@yahoo.fr

## **CROATIA**

GÜTTLER Ivan  
Head of Delegation  
Croatian Meteorological and Hydrological Service  
Email: ivan.guettler@gmail.com

## **CUBA**

PAZOS-ALBERDI Celso  
Head of Delegation  
Instituto de Meteorologia  
Email: celso.pazos@insmet.cu

## **CZECH REPUBLIC**

TOLASZ Radim  
Head of Delegation  
Czech Hydrometeorological Institute  
Email: radim.tolasz@chmi.cz

VALIK Adam  
Alternate Head of Delegation  
Czech Hydrometeorological Institute  
Email: adam.valik@chmi.cz

## **DENMARK**

CHRISTENSEN Tina  
Head of Delegation  
Danish Meteorological Institute  
Email: tic@dmi.dk

GRUM Louise Berg  
Danish Meteorological Institute  
Email: lob@dmi.dk

HENRIKSEN Solveig Nisbeth  
Ministry of Climate, Energy and Utilities  
Email: sonih@kefm.dk

HOLST Tilde Vejen  
Delegate  
Danish Meteorological Institute  
Email: tje@dmi.dk

JACOBSEN Anne Holmkjaer  
Delegate  
Danish Meteorological Institute  
Email: aja@dmi.dk

LEMA Adrian  
Alternate head of delegation  
Danish Meteorological Institute  
Email: adle@dmi.dk

## **DJIBOUTI**

OMAR Dini Abdallah  
Head of Delegation  
Ministère de l'Environnement et du  
Développement Durable  
Email: dini.omar85@gmail.com

## **ECUADOR**

ZAMBRANO Carlos Nicolas  
Head of Delegation  
Ministry of Environment, Water and Ecological  
Transition  
Email: nicolas.zambrano.s@gmail.com

## **EGYPT**

ALLAM Mariam  
Ministry of Foreign Affairs  
Email: mariam.allam@windowslive.com

IBRAHIM Sherif  
Head of Delegation  
Egyptian Environmental Affairs Agency  
Email: ipcc\_eg.cccu@yahoo.com

## **EL SALVADOR**

MOLINA MASFERRER Mario Giovanni  
Head of Delegation  
Geostatistics for Climate Change and Risk Manager  
Email: gmolina@ambiente.gob.sv

## **ESTONIA**

ALA Taimar  
Head of Delegation  
Environment Agency  
Email: taimar.ala@envir.ee

ANGER-KRAAVI Annela  
Alternate head of delegation  
Environment Agency  
Email: annela@hotmail.co.uk

## **ETHIOPIA**

TOLA Fetene Teshome  
Head of Delegation  
National Meteorological Agency  
Email: fetenekoket@yahoo.com

## **FINLAND**

KUPIAINEN Kaarle  
Head of Delegation  
Ministry of the Environment  
Email: kaarle.kupiainen@gov.fi

HEISKANEN Heta-elena  
Delegate  
Ministry of the Environment  
Email: heta-elena.heiskanen@gov.fi

TUOMENVIRTA Heikki  
Delegate  
Finnish Meteorological Institute  
Email: heikki.tuomenvirta@fmi.fi

## **FRANCE**

PAILLER Stéphane  
Head of Delegation  
MEAE  
Email: stephane.pailler@diplomatie.gouv.fr

BRUN Eric  
Alternate Head of Delegation  
MTE  
Email: eric.brun-barriere@developpement-durable.gouv.fr

BOSTVIRONNOIS Lisa  
Delegate  
MTE  
Email: lisa.bostvironnois@developpement-durable.gouv.fr

BOURCIER Vincent  
Delegate  
MTE  
Email: vincent.bourcier@developpement-durable.gouv.fr

CHINCHIO Léna  
Delegate  
MEAE  
Email: lena.chinchio@diplomatie.gouv.fr

LAIGNEL Benoît  
Delegate  
MESRI/DGRI  
Email: benoit.laignel@univ-rouen.fr

## **GAMBIA**

TOURAY Lamin Mai  
Head of delegation  
Department of Water Resources  
Email: touraylm@yahoo.co.uk

## **GEORGIA**

CHITANAVA Ramaz  
Head of delegation  
Hydrometeorological department of Georgia  
Email: chitanavaramaz@gmail.com

## **GERMANY**

STADTHAUS Marcus  
Head of Delegation  
Federal Foreign Office  
Email: 409-rl@auswaertiges-amt.de

TEXTOR Christiane  
Alternate head of delegation  
German Aerospace Center, Project Management  
Agency, German IPCC Coordination Office  
Email: christiane.textor@dlr.de

CALL Friedemann  
Delegate  
German Aerospace Center, Project Management  
Agency  
Email: Friedemann.Call@dlr.de

DASCHKEIT Achim  
Delegate  
Federal Environment Agency (UBA)  
Email: achim.daschkeit@uba.de

GASTROW Stefanie  
Delegate  
Project Management Agency, Part of the German  
Aerospace Center  
Email: stefanie.gastrow@dlr.de

KLEINER Larissa  
Delegate  
Federal Environment Agency  
Email: larissa.kleiner@uba.de

PISCHKE Frederik  
Delegate  
Federal Environment Agency  
Email: frederik.pischke@uba.de

REINEKE Thomas  
Delegate  
Project Management Agency, Part of the  
German Aerospace Center  
Email: thomas.reineke@dlr.de

TAMBKE Jens  
Delegate  
Federal Environment Agency  
Email: jens.tambke@uba.de

## **GHANA**

KLUTSE Nana Ama Browne  
Alternate head of Delegation  
Department of Physics University of Ghana  
Legon  
Email: amabrowne@gmail.com

## **GRENADA**

ST.LOUIS Aria  
Alternate Head of Delegation  
Environment Division  
Email: environment.sec@gmail.com

## **GUATEMALA**

BARRERA GARCIA David Estuardo  
Head of Delegation  
Ministerio de Ambiente y Recursos Naturales  
Email: dbarreragarcia@gmail.com

## **GUINEA**

KOIBA Goikwia  
Head of Delegation  
Agence Nationale de la Météorologie  
Email: koibayah@gmail.com

## **GUINEA-BISSAU**

TCHEDNA Joao Lona  
Head of Delegation  
National Institute of Meteorology  
Email: dgmteobissau@yahoo.fr



## **HUNGARY**

CSONTOS Kinga  
Head of Delegation  
Ministry of Energy  
Email: kinga.csontos@gmail.com

## **INDIA**

BHATT Jaivardhan Ramanlal  
Delegate  
Ministry of Environment, Forest and Climate Change  
Email: jrbhatt@nic.in

JAYARAMAN Thiagarajan  
Delegate  
M.S. Swaminathan Research Foundation  
Email: tjayaraman@gmail.com

KANITKAR Tejal  
Delegate  
National Institute of Advanced Studies  
Email: tejal.kanitkar@gmail.com

PALLERLA Sharath Kumar  
Delegate  
Ministry of Environment, Forest and Climate Change of  
India  
Email: sharath.kr@gov.in

RAGHAVA Ajay  
Delegate  
MINISTRY OF ENVIRONMENT, FOREST AND  
CLIMATE CHANGE  
Email: ajay.raghava@nic.in

TANMAY Kumar  
Head of Delegation  
Forest and Climate Change (MoEFCC)  
Email: tanmay.kumar-rj@gov.in

## **INDONESIA**

UMAR Real Sukmana Faesal  
Head of Delegation  
Ministry of Environment and Forestry Indonesia  
Email: realsukmana@gmail.com

## **IRAN**

ZEYAEYAN Sadegh  
Head of Delegation  
I. R. of Iran Meteorological Organization  
Email: s.ziayan@yahoo.com

## **IRELAND**

MCGOVERN Frank  
Head of Delegation  
Environmental Protection Agency, Richview,  
Clonskeagh Road  
Email: f.mcGovern@epa.ie

DOOLEY Katherine  
Alternate Head ead of delegation  
Environmental Protection Agency  
Email: Ka.dooley@epa.ie

## **ITALY**

PERUGINI Lucia  
Head of Delegation  
Fondazione Centro Euro-Mediterraneo sui  
Cambiamenti Climatici  
Email: lucia.perugini@cmcc.it

## **JAMAICA**

SPENCE-HEMMINGS Jacqueline  
Head of Delegation  
Meteorological Service  
Email: jampence21@gmail.com

## **JAPAN**

ADACHI Muneki  
Head of Delegation  
Ministry of the Environment (MOE)  
Email: MUNEKI\_ADACHI@env.go.jp

DEGUCHI Tetsuya  
Delegate  
Research Institute of Innovative Technology  
for the Earth (RITE)  
Email: deguchi@rite.or.jp

JUNI Miho  
Delegate  
Ministry of Agriculture, Forestry and Fisheries (MAFF)  
Email: miho\_echizen810@maff.go.jp

KAWAMIYA Michio  
Delegate  
Japan Agency for Marine-Earth Science and  
Technology (JAMSTEC)  
Email: kawamiya@jamstec.go.jp

KIMURA Norihiro  
Delegate  
Ministry of Economy, Trade and Industry (METI)  
Email: kimura-norihiro@meti.go.jp

KOBAYASHI Yumi  
Delegate  
Research Institute of Innovative Technology for the  
Earth (RITE)  
Email: kobayashi@rite.or.jp

OHISHI Manami  
Delegate  
Ministry of Economy, Trade and Industry (METI)  
Email: oishi-manami@meti.go.jp

OSHIMA Ryudai  
Delegate  
Ministry of Agriculture, Forestry and Fisheries (MAFF)  
Email: ryudai\_oshima900@maff.go.jp

SASANO Daisuke  
Delegate  
Japan Meteorological Agency (JMA)  
Email: daisuke\_sasano@met.kishou.go.jp

SHIMIZU Suzuka  
Delegate  
Japan Weather Association (JWA)  
Email: shimizu.suzuka@jwa.or.jp

SHOGAKI Yutaro  
Delegate  
Mitsubishi UFJ Research and Consulting Co., Ltd.  
(MURC)  
Email: y.shogaki@murc.jp

SUTO Daichi  
Delegate  
Japan Meteorological Agency (JMA)  
Email: d\_suto@met.kishou.go.jp

TAKATSUKI Aya  
Delegate  
Ministry of Education, Culture, Sports,  
Science and Technology (MEXT)  
Email: aya-takatsuki@mext.go.jp

TAKAYABU Izuru  
Delegate  
Meteorological Research Institute, Japan  
Meteorological Agency (JMA/MRI)  
Email: takayabu@mri-jma.go.jp

UEDA Hiroko  
Delegate  
Global Environmental Forum (GEF)  
Email: hiroco0517@gmail.com

WATANABE Shigeru  
Delegate  
Japan Weather Association (JWA)  
Email: watanabe.shigeru@jwa.or.jp

## **KAZAKHSTAN**

KOPBAYEVA Ainur  
Head of Delegation  
The Ministry of Ecology and Natural  
Resources of the Republic of Kazakhstan  
Email: ainurhanym@mail.ru

## **KENYA**

KHAEMBA Winnie  
Delegate  
Climate Analytics  
Email: winnie.khaemba@climateanalytics.org

KIMUTAI Joyce  
Delegate  
Kenya Meteorological Department  
Email: kimutaijoy@gmail.com

LUKORITO Cromwel  
Delegate  
University of Nairobi  
Email: cbusolo@uonbi.ac.ke

NYING'URO Patricia A.  
Head of delegation  
KENYA METEOROLOGICAL DEPARTMENT  
Email: pnyinguro@gmail.com

OKUMU Michael  
Delegate  
Ministry of Environment, Forestry and Climate Change  
Email: ochiengokumu@gmail.com

## **LATVIA**

ZOMMERE-ROTCENKOVA Kristīne  
Head of delegation  
Ministry of Climate and Energy of the Republic of Latvia  
Email: kristine.zommere-rotcenkova@kem.gov.lv

## **LIBERIA**

GAR-GLAHN Arthur  
Head of delegation  
Ministry of Transport  
Email: agarglahn98@gmail.com

## **LUXEMBURG**

FERRONE Andrew  
Head of delegation  
Administration of agricultural technical services  
Email: Andrew.Ferrone@asta.etat.lu

LANG Dana  
Delegate  
Administration of Technical Agricultural Services -  
Meteorological department  
Email: Dana.Lang@asta.etat.lu

## **MADAGASCAR**

RAHOLIJAQ Nirivololona  
Head of Delegation  
METEO MADAGASCAR  
Email: niriraholijao@gmail.com

## **MALAYSIA**

MOHAMMED Ahmad Farid  
Head of Delegation  
Ministry of Natural Resources, Environment  
and Climate Change  
Email: farid@nrecc.gov.my

## **MALDIVES**

WAHEED Ahmed  
Alternate head of delegation  
Ministry of Environment, Climate Change and  
Technology  
Email: ahmed.waheed@environment.gov.mv

## **MALI**

TOURE Moussa  
Head of Delegation  
Agence nationale de la Météorologie  
Email: mositoure@yahoo.fr

## **MAURITIUS**

SARDOO Didier Nelson Maxwell  
Head of Delegation  
Ministry of Environment, Solid Waste  
Management and Climate Change  
Email: max1425@gmail.com

## **MEXICO**

OCTAVIANO VILLASANA Claudia Alejandra  
Head of Delegation  
Instituto Nacional de Ecología y Cambio  
Climático  
Email: claudia.octaviano@inecc.gob.mx

## **MONGOLIA**

GOMBOLUDEV Purevjav  
Head of Delegation  
Information and Research Institute on  
Meteorology, Hydrology and Environment  
Email: p\_gombo@hotmail.com

## **MONTENEGRO**

SMOLOVIC Irina  
Head of Delegation  
Institute of Hydrometeorology and Seismology  
Email: irina.smolovic@meteo.co.me

## **MOROCCO**

EL MESSAOUDI Brahim  
Head of Delegation  
Direction Générale de la Météorologie du Maroc  
Email: b.elmessaoudi@gmail.com

ESSAOUINI Karam  
Alternate head of delegation  
Direction Générale de la Météorologie du Maroc  
Email: essaouini.karam@marocmeteo.ma

## **MOZAMBIQUE**

NHANTUMBO Bernardino  
Head of Delegation  
Instituto Nacional de Meteorologia  
Email: bernardino.jn01@gmail.com

## **MYANMAR**

CHAW May Khin  
Head of Delegation  
Department of Meteorology and Hydrology  
Email: mkhinc@gmail.com

## **NETHERLANDS**

BERK Marcel  
Delegate  
Ministry of Economic Affairs and Climate Policy  
Email: m.m.berk@minezk.nl

OLGERS Vera  
Delegate  
Ministry of Economic Affairs and Climate Policy  
Email: v.olgers@minezk.nl

VAN DORLAND Rob  
Head of Delegation  
KNMI  
Email: rob.van.dorland@knmi.nl

VAN HOUTEN Heloise Madeleine Justine  
Delegate  
Netherlands Ministry of Agriculture, Nature  
and Food Quality (Min LNV)  
Email: h.m.j.vanhouten@minlnv.nl

WOLTERS Roald  
Delegate  
Netherlands Ministry of Infrastructure and  
Water Management  
Email: roald.wolters@minienw.nl

## **NEW ZELAND**

FURSMAN Lindy  
Alternate head of delegation  
Ministry for the Environment  
Email: lindy.fursman@mfe.govt.nz

PLUME Helen  
Head of delegation  
Ministry for the Environment  
Email: helen.plume@mfe.govt.nz

## **NICARAGUA**

GUTIERREZ Javier  
Head of delegation  
Secretariat of the Presidency and MARENA  
Email: xaviergut@gmail.com

## **NIGER**

KATIELLOU Gaptia Lawan  
Head of delegation  
National Director of the National  
Meteorological Service of Niger  
Email: katielloulaw@gmail.com

## **NIGERIA**

ITUMO Victor Nwaoba  
Head of delegation  
Permanent Mission of Nigeria to United  
Nations Office and Other International  
Organizations in Geneva  
Email: victorlivinglong@gmail.com

## **NORTH MACEDONIA**

MARKOVSKA Natasa  
Head of delegation  
Macedonian Academy of Sciences and Arts  
Email: natasa@manu.edu.mk

## **NORWAY**

KVISSEL Ole-kristian  
Head of Delegation  
Norwegian Environment Agency  
Email: okk@miljodir.no

CHRISTOPHERSEN Øyvind  
Alternate Head of delegation  
Norwegian Environment Agency  
Email: chr@miljodir.no

GAUSTAD Alice  
Delegate  
Norwegian Environment Agency  
Email: alice.gaustad@miljodir.no

LAVOLL Vilde Maria  
Delegate  
Norwegian Environment Agency  
Email: vilde.maria.lavoll@miljodir.no

MORTENSEN Philip  
Delegate  
Climate Agency - Oslo municipality  
Email: philip.mortensen@kli.oslo.kommune.no

STENMARK Aurora  
Delegate  
Norwegian Environment Agency  
Email: Aurora.Stenmark@miljodir.no

VESTRENG Vigdis  
Delegate  
Norwegian Environment Agency  
Email: vigdis.vestrenge@miljodir.no

## **PANAMA**

DOMINGUEZ LOPEZ Ana Silvia  
Head of delegation  
Ministry of Environment  
Email: adominguez@miambiente.gob.pa

## **PARAGUAY**

TORRES Gilda Juana Maria  
Head of delegation  
Ministry of Environment and Sustainable  
Development  
Email: gildatorres.py69@gmail.com

## **PERU**

FONSECA MARTINEZ Yesica Noemi  
Head of delegation  
Ministry of Foreign Affairs  
Email: yfonseca@rree.gob.pe

QUEVEDO Jonathan  
Delegate  
Ministerio de Relaciones Exteriores del Peru  
Email: jquevedo@rree.gob.pe

## **PHILIPPINES**

CRUZ Faye Abigail  
Delegate  
Department of Environment and Natural  
Resources  
Email: fcruz@observatory.ph

HERRERA Rachel Anne  
Delegate  
Climate Change Commission  
Email: herreras@climate.gov.ph

REBUelta-TEH Analiza  
Head of Delegation  
Department of Environment and Natural  
Resources  
Email: annateh@denr.gov.ph

## **QATAR**

AL-MARWANI Mohmoud Abdulaziz  
Head of Delegation  
Ministry of Municipality and Environment  
Email: mamarwani@mme.gov.qa

## **REPUBLIC OF KOREA**

YOO Heedong  
Head of Delegation  
Korea Meteorological Administration  
Email: hyoo@korea.kr

KIM Hyoeun Jenny  
Alternate Head of Delegation  
Ministry of Foreign Affairs  
Email: hekim92@mofa.go.kr

LEE Mi-seon  
Alternate Head of Delegation  
Korea Meteorological Administration  
Email: miseonlee23@korea.kr

BYUN Younghwa  
National Institute of Meteorological Sciences  
Email: yhbyun@korea.kr

CHAE Yoojeong  
Korea Meteorological Administration  
Email: yoojchae@korea.kr

CHOI Youngsun  
Korea Energy Economics Institute  
Email: yschoi@keei.re.kr

CHON Sieun  
Korea Environment Corporation  
Email: chunse227@keco.or.kr

JIN Kyung  
Korea Polar Research Institute  
Email: jin@kopri.re.kr

JUNG Hae Kun  
National Institute of Fisheries Science  
Email: hkjung85@korea.kr

KIM Seungdo  
Hallym University  
Email: sdkim@hallym.ac.kr

KIM Hyung Jin  
APEC Climate Center  
Email: hyungjin@apcc21.org

KIM Seon Tae  
APEC Climate Center  
Email: seontae.kim@apcc21.org

LEE Soomin  
Korea Energy Economics Institute  
Email: smlee@keei.re.kr

LEE Joohee  
Sejong University  
Email: jhlee.enep@gmail.com

LEE Eoni  
Ministry of Foreign Affairs  
Email: ejlee22@mofa.go.kr

NOH Yongkuk  
Korea Environment Corporation  
Email: nandary@keco.or.kr

OH Chaewoon  
National Institute of Green Technology  
Email: mosaic327@nigt.re.kr

OH Yaewon  
Korea Meteorological Administration  
Email: ywohv3@korea.kr

PARK Sohyun  
Ministry of Environment  
Email: ssohappy2@korea.kr

PARK Jin-han  
Korea Environment Institute  
Email: jinhan@kei.re.kr

PARK Iktae  
Korea Meteorological Administration  
Email: itpark1920@korea.kr

PARK Jieun  
Korea Meteorological Administration  
Email: jieuni@korea.kr

SHIM Sung-bo  
National Institute of Meteorological Sciences  
Email: sbshim82@korea.kr

SONG Yewon  
National Institute of Green Technology  
Email: ysong@gtck.re.kr

SONG Young-il  
Korea Environment Institute  
Email: yisong@kei.re.kr

YIM Nayoung  
Korea Meteorological Administration  
Email: nyyim@korea.kr

#### **REPUBLIC OF MOLDOVA**

DRUCIOC Stela  
Head of Delegation  
Ministry of Environment  
Email: stela.drucioc@mediu.gov.md

#### **REPUBLIC OF THE CONGO**

ITSOUA MADZOUS Gervais Ludovic  
Head of Delegation  
Ministère de l'Environnement du Développement  
Durable et du Bassin du Congo  
Email: imadzous2@gmail.com

#### **RUSSIAN FEDERATION**

DMITRIEVA Tatiana  
Head of Delegation  
Hydrometservice  
Email: dmtanya@mail.ru

GLADILSHCHIKOVA Anna  
Alternate Head of Delegation  
Yu.A. Izrael Institute of Global Climate and Ecology  
Email: anna.igce@gmail.com

#### **SAINT LUCIA**

DESCARTES Jermaine  
Head of Delegation  
Department of Sustainable Development  
Email: jdescartes.sde@gmail.com

#### **SAO TOME AND PRINCIPE**

NASCIMENTO DIAS Cosme Manuel  
Head of Delegation  
National Institut of Meteorology  
Email: cosmemanuel@hotmail.com

#### **SAUDI ARABIA**

AL NORRY Malak  
Alternate Head of Delegation  
Ministry of Energy  
Email: Malak.Nory@moenergy.gov.sa

ALBUTTI Abdulaziz  
Ministry of Energy Email:  
abdulaziz.butti@moenergy.gov.sa

ALHARTHI Awwad  
RIYADH  
Email: Awwad.Harthi@moenergy.gov.sa

ALHARTHI Aseel  
Ministry of Energy  
Email: a.alharthi@cdmdna.gov.sa

ALJISHI Maria  
Ministry of Energy  
Email: maria.jishi9@gmail.com

ALQARNI Ayael  
Ministry of Energy  
Email: ayael.qarni@moenergy.gov.sa

AYOUB Mohammad  
Ministry of Energy  
Email: mohammad.ayoub@moenergy.gov.sa

HAKAMI Amro  
Ministry of Energy  
Email: mr.hakami@live.com

JUBRAN Eyad  
Ministry of Energy  
Email: Eyad.Jubran@moenergy.gov.sa

OTHIMIN Tamim  
Ministry of Energy  
Email: tamim.othimin@moenergy.gov.sa

#### **SENEGAL**

SAEED Fahad  
Head of Delegation  
Climate Analytics  
Email: fahad.saeed@climateanalytics.org

#### **SERBIA**

PEJANOVIC Goran  
Head of Delegation  
Republic Hydrometeorological Service of  
Serbia  
Email: goran.pejanovic@hidmet.gov.rs

## **SEYCHELLES**

AGRICOLE Will  
Head of Delegation  
Ministry of Agriculture  
Climate Change and Environment  
Email: w.agricole@meteo.gov.sc

## **SINGAPORE**

HASSAN Hazri  
Head of Delegation  
Ministry of the Environment and Water Resources  
Email: hazri\_hassan@mse.gov.sg

LEO Petrina  
Alternate Head of Delegation  
Ministry of Sustainability and the Environment  
Email: Petrina\_LEO@mse.gov.sg

GOH Janessa  
Ministry of Sustainability and the Environment  
Email: janessa\_goh@mse.gov.sg

## **SLOVENIA**

KLEMEN Ana  
Head of Delegation  
Ministry of the Environment and Spatial Planning  
Email: ana.klemen@gov.si

## **SOLOMON ISLANDS**

HIBA HIRIASIA David  
Head of Delegation  
Solomon Islands Meteorological Service  
Email: david.hiba@met.gov.sb

## **SOUTH AFRICA**

KEKANA Maesela John  
Head of Delegation  
Department of Environmental Affairs  
Email: mjkekana@dffe.gov.za

GUINEY Itchell  
Alternate Head of Delegation  
Department of Environmental Affairs  
Email: IGuiney@dffe.gov.za

MOTSHWANEDI Sandra  
Department of Forestry, Fisheries and the Environment  
Email: SMotshwanedi@dffe.gov.za

## **SPAIN**

LOPEZ NICOLAS Antonio  
Head of Delegation  
Spanish Climate Change Office (Ministry for the Ecological Transition)  
Email: aflopez@miteco.es

## **SRI LANKA**

WIJEMANNAGE Ajith Lasantha Kumara  
Head of Delegation  
Department of Meteorology  
Email: ajithlkw@gmail.com

## **ST. KITTS AND NEVIS**

JEFFERS Cheryl  
Head of Delegation  
Department of Environment  
Email: jeffers31@gmail.com

KLONNE Uta Marie  
Climate Analytics  
Email: uta.kloenne@climateanalytics.org

NAUELS Alexander  
Climate Analytics  
Email: alex.nauels@climateanalytics.org

THEOKRITOFF Emily  
Climate Analytics  
Email: emily.theokritoff@climateanalytics.org

## **SUDAN**

HAMADALLA Hana  
Head of Delegation  
Higher Council for Environment and Natural Resources  
Email: hanahamadalla2@yahoo.com



## **SURINAME**

KADOSOE Sergio  
Head of Delegation  
Ministry of Public Works  
Email: sergiokadosoe28@gmail.com

## **SWEDEN**

RUMMUKAINEN Markku  
Head of Delegation  
SMHI, Swedish Meteorological and Hydrological  
Institute  
Email: markku.rummukainen@smhi.se

ANDERSSON Camilla  
Alternate Head of Delegation  
SMHI, Swedish Meteorological and Hydrological  
Institute  
Email: Camilla.Andersson@smhi.se

OLSSON Olle  
Swedish Energy Agency  
Email: olle.olsson@energimyndigheten.se

## **SWITZERLAND**

PERREZ Franz  
Head of Delegation  
Monbijoustrasse 40  
Email: franz.perrez@bafu.admin.ch

KONIG Sebastian  
Alternate Head of Delegation  
Monbijoustrasse 40  
Email: sebastian.koenig@bafu.admin.ch

BLATTER Gabriela  
Monbijoustrasse 40  
Email: gabriela.blatter@bafu.admin.ch

CROCI-MASPOLI Mischa  
MeteoSwiss  
Email: mischa.croci-maspoli@meteoswiss.ch

LANZA Nicolas  
Mission permanente de la Suisse auprès de l'Office  
des Nations Unies et des autres organisations  
internationales à Genève  
Email: nicolas.lanza@eda.admin.ch

WERNER Isabelle  
Federal Office of Meteorology and  
Climatology  
Email: isabelle.werner@meteoswiss.ch

## **SYRIAN ARAB REPUBLIC**

AFESA Sonia  
Head of Delegation  
Ministry of Local Administration and  
Environment  
Email: soniaafesa@yahoo.com

## **TAJKISTAN**

RAJABOV Nasimjon  
Head of Delegation  
Agency for Hydrometeorology, Committee for  
Environmental Protection  
Email: nasim.rajabov@gmail.com

## **TANZANIA**

CHANG'A Ladislaus  
Head of Delegation  
Tanzania Meteorological Authority  
Email: ladislaus.changa@meteo.go.tz

## **THAILAND**

PANMANEE Nareerat  
Head of Delegation  
Office of Natural Resources and  
Environmental Policy and Planning  
Email: noonaree@hotmail.com

## **TIMOR LESTE**

BARBOSA Adao Soares  
Head of Delegation  
Ministry of Foreign Affairs and Cooperation,  
the Government of Timor-Leste  
Email: adaosoaresb@yahoo.com

COA Hendrique  
Alternate Head of Delegation  
Ministry of foreign Affairs and Cooperation,  
the Government of Timor-Leste  
Email: endydnab@gmail.com

## **TOGO**

SABI Kokou  
Head of Delegation  
Université de Lomé  
Email: sabikokou@yahoo.fr

## **TUNISIA**

ZMERLI Mohamed  
Head of Delegation  
Ministry of Environment  
Email: zmerli\_mohamed@yahoo.com

## **TURKMENISTAN**

ALLABERDIYEV Gurbangeldi  
Head of Delegation  
Ministry of agriculture and environment protection of  
Turkmenistan  
Email: gallaberdiyev@yandex.ru

## **TÜRKİYE**

KARACA Erdogan  
Head of Delegation  
Directorate of Climate Change, Ministry of  
Environment Urbanisation and Climate Change,  
Republic of Türkiye  
Email: erdogan.karaca@csb.gov.tr

DEMİR Nadide  
Ministry of Agriculture and Forestry, Republic of  
Türkiye  
Email: nadidedemir@dsi.gov.tr

GÜREŞ Merve  
Directorate of Climate Change, Ministry of  
Environment, Urbanisation and Climate Change of  
Türkiye  
Email: merve.gures@csb.gov.tr

## **UNITED ARAB EMIRATE**

ALAMOUDI Muna  
Head of Delegation  
Ministry of climate change and environment  
Email: maalamoodi@moccae.gov.ae

ALHILALI Sara  
COP28 office  
Email: salhilali@climateenvoy.gov.ae

HARIB Abdelaziz  
COP28 office  
Email: Abdelaziz.harib@climateenvoy.gov.ae

KHAMIS Athra  
Green Development and Environment Affairs  
Email: akibrahim@moccae.gov.ae

## **UNITED KINGDOM**

COOK Jolene  
Head of Delegation  
Department for Energy Security and Net Zero  
Email: jolene.cook@beis.gov.uk

REES-OWEN Rhian  
Alternate Head of Delegation  
Department for Energy Security and Net Zero  
Email: rhian.reesowen@beis.gov.uk

FEARNYOUGH Kate  
Department for Energy Security and Net Zero  
Email: kate.fearnough@beis.gov.uk

FOSTER James  
Department for Energy Security and Net Zero  
Email: james.foster@beis.gov.uk

JONES Richard  
UK Mission to the WTO, UN and Other  
International Organisations  
Email: Richard.Jones3@fcdo.gov.uk

WEST Rosalind  
FCDO  
Email: rosalind.west@fcdo.gov.uk

## **UKRAINE**

KRAKOVSKA Svitlana  
Head of Delegation  
Head of Applied Climatology Laboratory  
Email: Krasvit@ua.fm

## **URUGUAY**

REYES Belen  
Head of Delegation  
Ministry of Environment  
Email: belen.reyes@ambiente.gub.uy

## **UNITED STATES OF AMERICA**

AKHTAR Farhan  
Head of Delegation  
U.S. Department of State  
Email: AkhtarFH@state.gov

RAKESTRAW Andrew  
Alternate Head of Delegation  
U.S. Department of State - OES/EGC  
Email: rakestrawar@state.gov

CHIACHI Amanda  
NOAA Office of the Under Secretary  
Email: amanda.chiachi@noaa.gov

CROLL Brittany  
National Oceanic and Atmospheric Administration  
Email: brittany.croll@noaa.gov

KANDY Dan  
Department of State  
Email: KandyDD@state.gov

MOCH Jonathan  
U.S. Department of State  
Email: MochJM@state.gov

MONTGOMERY Jami  
U.S. Agency for International Development  
Email: jmontgomery@usaid.gov

SHIELDS Amy  
US EPA  
Email: shields.amy@epa.gov

TERANDO Adam  
U.S. Geological Survey  
Email: aterando@usgs.gov

WEBB Robert  
National Oceanic and Atmospheric  
Administration/Earth Systems Research Laboratories  
Email: Robert.S.Webb@noaa.gov

WOODRUFF Sierra  
U.S. Department of State  
Email: woodruffsc@state.gov

## **VENEZUELA**

SALAS CASTILLO Ricardo  
Head of Delegation  
Ministry of People's Power for Foreign Affairs  
Email: ricardosalas68@gmail.com

## **VIETNAM**

THI TRA MY Pham  
Head of Delegation  
Department of Climate Change  
Email: phamthitramy87@gmail.com

## **ZAMBIA**

CHONGO Beausic Mulubwa  
Head of Delegation  
Green Economy and Climate Change  
Department  
Email: beausique@gmail.com

LUAMBIA Eunice  
Zambia Permanent Mission in Geneva  
Email: euniceluambia@gmail.com

MUYUMBWA Kamenda  
Zambia Permanent Mission in Geneva  
Email: Kamendamuyumbwa6@gmail.com

## **ZIMBABWE**

NDIDZANO Kudzai Faron  
Head of Delegation  
Ministry of Environment, Climate, Tourism and  
Hospitality Industry  
Email: kudzie013@gmail.com

## **OBSERVER ORGANIZATIONS**

### **APA**

BROSCH Tobias  
Observer - Head of Delegation  
Email: tobias.brosch@unige.ch

## **BRS SECRETARIAT**

PAYET Rolph  
Observer - Head of Delegation  
Email: rolph.payet@un.org

AGUSTIN Harte  
Observer - Alternate Head of Delegation  
Email: agustin.harte@un.org

## **CAN Europe**

HASANEIN Amin  
Observer - Head of Delegation  
Email: a.hasanein@islamicrelief.de

## **CAN-INTERNATIONAL**

SINGER Stephan  
Observer - Head of Delegation  
Email: ssinger@climatenetwork.org

JUNO Edith  
Observer Organization  
Email: JunoE@nwf.org

SHARMA Sindra  
Observer - Alternate Head of Delegation  
Email: ssharma@climatenetwork.org

SINGH Harjeet  
Observer Organization  
Email: hsingh@climatenetwork.org

PULLENKAV Thomas Joseph  
Observer Organization  
Email: tpullenkav@climatenetwork.org

VARIN Viviana  
Observer Organization  
Email: viviana@fossilfuel treaty.org

## **CICERO**

FUHR Lilia  
Observer - Head of Delegation  
Email: lfuhr@ciel.org

CROMPTON Solveig Maud Therese  
Observer Organization  
Email: solveig.crompton@uis.no

MINGRONE Francesca  
Observer - Alternate Head of Delegation  
Email: fmingrone@ciel.org

## **COLLEGE LONDON UNY**

PETERSEN Arthur  
Observer - Head of Delegation  
Email: arthur.petersen@ucl.ac.uk

## **ECF**

BENTLEY Joanne  
Observer - Head of Delegation  
Email:  
olga.dobrovidova@europeanclimate.org

DOBROVIDOVA Olga  
Observer Organization  
Email:  
olga.dobrovidova@europeanclimate.org

FINDLAY Katherine  
Observer Organization  
Email: katherine.findlay@gscnetwork.org  
KALYVAS Victoria  
Observer Organization  
Email: victoria.kalyvas@gscnetwork.org

KIRKSEY Terran  
Observer Organization  
Email: tkirksey@climatenexus.org

## **EDF**

ALPERT Alice  
Observer - Head of Delegation  
Email: alice.alpert@gmail.com

## **EUROPEAN UNION**

TULKENS Philippe  
Observer - Head of Delegation  
Email: Philippe.TULKENS@ec.europa.eu

RAKONCZAY Zoltan  
Observer - Alternate Head of Delegation  
Email: Zoltan.RAKONCZAY@ec.europa.eu

DRABICKA Katarzyna  
Observer Organization  
Email: Katarzyna.Drabicka@ec.europa.eu

ZENKO-ULEZIC Maja  
Observer Organization  
Email: zenko.maja@gmail.com

WEITZEL Matthias  
Observer Organization  
Email: Matthias.WEITZEL@ec.europa.eu

#### **FUTURE EARTH**

VOGEL Martha-marie  
Observer - Head of Delegation  
Email: marthavogel@gmx.de

BELGRANO Andrea  
Observer - Alternate Head of Delegation  
Email: andrea.belgrano@havsmiljoinstitutet.se

#### **FWCC**

COOK Lindsey  
Observer - Head of Delegation  
Email: Lfcook@quno.ch

CARLSON Alana  
Observer - Alternate Head of Delegation  
Email: amcarlson@quno.ch

#### **GCOS**

MARTIN MIGUEZ Belen  
Observer - Head of Delegation  
Email: bmartinmiguez@wmo.int

BOMBELLI Antonio  
Observer Organization  
Email: abombelli@wmo.int

#### **GERMANWATCH**

TREBER Manfred  
Observer - Head of Delegation  
Email: treber@germanwatch.org

#### **GOSS**

RAVJAA Khosbayar  
Observer - Head of Delegation  
Email: p.xocoo@gmail.com

DORJSUREN Undral  
Observer Organization  
Email: undral.goss@gmail.com

SAMBUU Sarantuya  
Observer Organization  
Email: sarantuya.goss@gmail.com

#### **GREENPEACE**

KOSONEN Kaisa  
Observer - Head of Delegation  
Email: kkosonen@greenpeace.org

TIRADO Reyes  
Observer - Alternate Head of Delegation  
Email: reyes.tirado@greenpeace.org

CARTY Tracy  
Observer Organization  
Email: tracy.carty@greenpeace.org

DISERENS Pablo  
Observer Organization  
Email: pablo.diserens@greenpeace.org

SCHLEGEL Mathias  
Observer Organization  
Email: mathias.schlegel@greenpeace.org

SOLOTHURNMANN Nathan  
Observer Organization  
Email:  
nathan.solothurnmann@greenpeace.org

#### **HEINRICH BOELL FOUNDATION**

SYDOW Johanna  
Observer - Head of Delegation  
Email: sydow@boell.de

## **IBAM**

METZKER Thiago  
Observer - Head of Delegation  
Email: thiago@bemambiental.org.br

## **INDIANA UNIVERSITY**

DEPRYCK Kari  
Observer – Head of Organization  
Email: karidepryck@gmail.com

VARDY Mark  
Observer - Alternate Head of Delegation  
Email: mark.vardy@kpu.ca

## **INUIT CIRCUMPOLAR COUNCIL**

CRUMP John  
Observer - Head of Delegation  
Email: jpcrump@inuitcircumpolar.com

## **IPIECA**

LAWRENCE Michael  
Observer - Head of Delegation  
Email: Michael.lawrence@woodside.com

## **IUCN**

SENGUPTA Sandeep  
Observer - Head of Delegation  
Email: sandeep.sengupta@iucn.org

## **OECD**

OUESLATI Walid  
Observer - Head of Delegation  
Email: walidoueslati06@gmail.com

## **OHCHR**

SCHACHTER Benjamin  
Observer - Head of Delegation  
Email: benjamin.schachter@un.org

## **OPEC**

KADITI Eleni  
Observer - Head of Delegation  
Email: ekaditi@opec.org

DIENDORFER Christian Matthias  
Observer - Alternate Head of Delegation  
Email: cdiendorfer@opec.org

ALNAEIMI Reem  
Observer Organization  
Email: AlNaeimi@opec.org

BENYOUCEF Abderrezak  
Observer Organization  
Email: abenyoucef@opec.org

## **SAVE THE CHILDREN INT**

BOGADO DUFFNER Martina  
Observer - Head of Delegation  
Email: martina.duffner@reddbarna.no

KAMPUS Jonas  
Observer - Alternate Head of Delegation  
Email: jonas.kampus@climatestrike.ch

HERMANN Cyrill  
Observer Organization  
Email: cyrillhermann@gmail.com

PÖPPEL Helma Charlotte Sophie  
Observer Organization  
Email: helma.poeppel@posteo.de

SCHEFER Meret  
Observer Organization  
Email: meretschefer@climastrike.ch

## **SECRETARIAT OF CBD**

TYRRELL Tristan  
Observer - Head of Delegation  
Email: tristan.tyrrell@un.org

## **SECRETARIAT OF RCW**

TAMELANDER Jerker  
Observer - Head of Delegation  
Email: tamelander@ramsar.org

## **SRC**

HERTZ Ashanapuri  
Observer - Head of Delegation  
Email: ashanapuri.hertz@su.se

## **TWN**

BOSE Indrajit  
Observer - Head of Delegation  
Email: boseindrajit@gmail.com

BOMZAN Mingma  
Observer - Alternate Head of Delegation  
Email: prernazan@gmail.com

MILLER BERLIE Yvonne Marie  
Observer Organization  
Email: ymiller@twngeneva.ch

YU Vicente Paolo  
Observer Organization  
Email: yuvic@hotmai.com

## **UNF**

OSTANEK Kristyn  
Observer - Head of Delegation  
Email: knostanek@gmail.com

MANSELL Katharine  
Observer - Alternate Head of Delegation  
Email: katharine.mansell@gscnetwork.org

AGUADO SANCHEZ Jorge  
Observer Organization  
Email: jorge.aguadosanchez@gscnetwork.org

MATEI Ioana  
Observer Organization  
Email: ioana.matei@gscnetwork.org

NORMAN Lexie  
Observer Organization  
Email: lexie.norman@gscnetwork.org

SAHAY Aditi  
Observer Organization  
Email : aditi.sahay@ gscnetwork.org

SIGNORELLI Alessia  
Observer Organization  
Email: alessia.signorelli@gscnetwork.org

## **UNIVERSITY OF BONN**

VELANDER Sarah  
Observer - Head of Delegation  
Email: sara.e.welander@gmail.com

## **UNU**

WERNERS Saskia  
Observer - Head of Delegation  
Email: werners@mungo.nl

## **WWF**

MATHESON Shirley  
Observer - Head of Delegation  
Email: smatheson@wwf.eu

## **LEAD AUTHOR/CORE WRITING TEAM MEMBERS**

ARIAS GOMEZ Paola Andrea  
University of Antioquia  
Email: paola.arias@udea.edu.co

BLANCO Gabriel  
National University of the Center of the  
Province of Buenos Aires  
Email: gblanco@fio.unicen.edu.ar

BUSTAMANTE Mercedes  
University of Brasília  
Email: mercedes@unb.br

CALVIN Katherine  
The National Aeronautics and Space  
Administration  
Email: katherine.calvin@nasa.gov

CHEUNG William  
The University of British Columbia  
Email: w.cheung@oceans.ubc.ca

CISSE Gueladio  
University of Basel  
Email: gueladio.cisse@swisstph.ch

DASGUPTA Dipak  
The Energy and Resources Institute  
Email: ddasgupta01@yahoo.com

DIONGUE-NIANG Aïda  
National Agency of Civil Aviation and Meteorology  
Email: aida.diongue.niang@gmail.com

DODMAN David  
The Institute for Housing and Urban Development  
Studies (IHS)  
Email: david.dodman@iied.org

ELGIZOULI IDRIS Ismail  
C/O Higher Council for Environment and Natural  
Resources  
Email: ismailelgizouli@gmail.com

ERIKSEN Siri  
Norwegian University of Life Sciences (NMBU)  
Email: siri.eriksen@nmbu.no

FISCHER Erich  
Institute for Atmosphere and Climate  
Email: erich.fischer@env.ethz.ch

GARSCHAGEN Matthias  
Ludwig Maximilian University of Munich  
Email: m.garschagen@lmu.de

GEDEN Oliver  
German Institute for International and Security Affairs  
Email: oliver.geden@swp-berlin.org

HANSEN Gerrit  
Stiftung Wissenschaft und Politik (SWP)/German  
Institute for International and Security Affairs  
Email: gerrithansen@mailbox.org

HAYWARD Bronwyn  
University of Canterbury  
Email: bronwyn.hayward@canterbury.ac.nz

HOURCADE Jean-Charles  
International Center for Development and Environment  
(CIRED)  
Email: jc.hourcade@gmail.com

JOHNSON Francis X.  
Stockholm Environment Institute (SEI)  
Email: francis.x.johnson@sei.org

JONES Christopher  
MET Office  
Email: chris.d.jones@metoffice.gov.uk

JOTZO Frank  
Australian National University  
Email: frank.jotzo@anu.edu.au

KRINNER Gerhard  
The French National Centre for Scientific  
Research  
Email: gerhard.krinner@cnsr.fr

LASCO Rodel  
Consultative Group for International  
Agricultural Research (CGIAR)  
Email: rlasco@gmail.com

LEE June-Yi  
Pusan National University  
Email: juneyi@pusan.ac.kr

MEINSHAUSEN Malte  
University of Melbourne  
Email: malte.meinshausen@unimelb.edu.au

MUKHERJI Aditi  
International Water Management Institute  
(IWMI)  
Email: aditimukherji15@gmail.com

NIAMIR Leila  
International Institute for Applied Systems  
Analysis (IIASA)  
Email: niamir@iiasa.ac.at

OTTO Friederike  
Imperial College London  
Email: f.otto@imperial.ac.uk

PACHAURI Shonali  
International Institute for Applied Systems  
Analysis (IIASA)  
Email: pachauri@iiasa.ac.at

ROY Joyashree  
Asian Institute of Technology  
Email: joyashreeju@gmail.com



RUANE Alexander  
The National Aeronautics and Space Administration  
Email: alexander.c.ruane@nasa.gov

SIMPSON Nicholas  
University of Cape Town  
Email: nick.simpson@uct.ac.za

SLANGEN Aimee  
NIOZ Royal Netherlands Institute for Sea Research  
Email: aimee.slangen@gmail.com

SOME Shreya  
Intergovernmental Panel on Climate Change (IPCC)  
Email: shreyas@ait.asia  
SZOPA Sophie  
University of Paris-Saclay  
Email: sophie.szopa@lsce.ipsl.fr

SORENSSON Anna Amelia  
Research Center of the Sea and Atmosphere  
Email: sorensson@cima.fcen.uba.ar

THORNE Peter  
Maynooth University  
Email: peter.thorne@mu.ie

TOTIN Edmond  
University of Benin  
Email: edmond.totin@gmail.com

TRISOS Christopher  
University of Cape Town  
Email: christophertrisos@gmail.com

VAN VUUREN Detlef  
Netherlands Environmental Assessment Agency  
Email: detlef.vanvuuren@pbl.nl

WIJST Kaj-ivar Van Der  
Utrecht University  
Email: k.vanderwijst@uu.nl

WITTING Maximilian  
Department for Geography  
Email: m.witting@lmu.de

ZOMMERS Zinta  
United Nations Office for Disaster Risk Reduction  
Email: zinta.zommers@gmail.com

## **IPCC TECHNICAL SUPPORT UNITS**

### **WORKING GROUP I TECHNICAL SUPPORT UNIT**

PIRANI Anna  
Head of WGI TSU  
Email: anna.pirani@universite-paris-saclay.fr

CONNORS Sarah  
IPCC WGI TSU  
Email: sarah.connors@universite-paris-saclay.fr

HUANG Mengtian  
IPCC WGI TSU  
Email: huang\_mengtian@126.com

PEAN Clotilde  
IPCC WGI TSU  
Email: clotilde.pean@universite-paris-saclay.fr

### **WORKING GROUP II TECHNICAL SUPPORT UNIT**

TIGNOR Melinda  
Head of WGII TSU  
Email: melinda.tignor@ipcc-wg2.awi.de

CRAIG Marlies  
IPCC WGII TSU  
Email: craigm.ipcc@ukzn.ac.za

MINTENBECK Katja  
IPCC WGII TSU  
Email: katja.mintenbeck@ipcc-wg2.awi.de

POLOCZANSKA Elvira  
IPCC WGII TSU  
Email: elvira.poloczanska@ipcc-wg2.awi.de

### **WORKING GROUP III TECHNICAL SUPPORT UNIT**

FRADERA Roger  
Head of WGIII TSU  
Email: r.fradera@imperial.ac.uk

ESCOTT Susan  
Email: susan.escott@escotthunt.co.uk

KHOURDAJIE Alaa Al  
IPCC WGIII TSU  
Email: a.alkhourdajie@imperial.ac.uk

LISBOA Geninha  
IPCC WGIII TSU  
Email: g.lisboa@ipcc-wg3.ac.uk

LUDDEN Chloe  
IPCC WGIII TSU  
Email: C.Ludden@imperial.ac.uk

SLADE Raphael  
IPCC WGIII TSU  
Email: r.slade@ipcc-wg3.ac.uk

**TECHNICAL SUPPORT UNIT OF THE TASK FORCE  
ON NATIONAL GREENHOUSE GAS INVENTORIES  
(TFI)**

FEDERICI Sandro  
Head of TFI TSU  
Email: federici@iges.or.jp

ENOKI Takeshi  
IPCC TFI TSU  
Email: enoki@iges.or.jp

**SYNTHESIS REPORT TSU**

ROMERO Jose  
Head of SYR TSU  
Email: jromero@ipcc-syr.org

BIRT Arlene  
IPCC SYR TSU  
Email: arlene@ipcc-syr.org

HA Meeyoung  
IPCC SYR TSU  
Email: meeyoung.ha@ipcc-syr.org

HAITES Erik  
IPCC SYR TSU  
Email: ehaites@margaree.ca

IGNON Lance  
IPCC SYR TSU  
Email: ignon@ipcc-syr.org

JUNG Yonghun  
IPCC SYR TSU  
Email: yonghun.jung@ipcc-syr.org

KIM Jinmi  
IPCC SYR TSU  
Email: jkim@ipcc-syr.org

ORENDAIN Dan Jezreel  
IPCC SYR TSU  
Email: dja.orendain@ipcc-syr.org

PARK Semin  
IPCC SYR TSU  
Email: tpflqkr3347@ipcc-syr.org

PARK Young-in  
IPCC SYR TSU  
Email: 10012904@network.rca.ac.uk

STAVINS Robert  
IPCC SYR TSU  
Email: robert\_stavins@harvard.edu

**IPCC SECRETARIAT**

MOKSSIT Abdalah  
Secretary of the IPCC  
c/o World Meteorological Organization  
Email: amokssit@wmo.int

FIDA Ermira  
Deputy Secretary of the IPCC  
c/o World Meteorological Organization  
Email: efida@wmo.int

ABDALLAH Mudathir  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: mabdallah@wmo.int

BAIDYA Jesbin  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: jbaidya@wmo.int

BIAGIONI Laura  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: lbiagioni@wmo.int

EKZARKHO Oksana  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: oekzarkho@wmo.int

EWA Judith  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: jewa@wmo.int

FERNANDEZ Joelle  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: jfernandez@wmo.int

LARRODÉ Emelie  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: elarrode@wmo.int

LEW SCHNEIDER Jennifer  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: jlewschneider@wmo.int

MAHECIC Andrej  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: amahecic@wmo.int

PEEVA Nina  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: npreeva@wmo.int

SHONGWE Mxolisi  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: mshongwe@wmo.int

WALSH Melissa  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: mwalsh@wmo.int

ZABULA Werani  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: wzabula@wmo.int

ESPEJO Gabriela  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: gespejo@wmo.int

LA PLACA Marta  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: mlaplaca@wmo.int

MO Min  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: minmo@wmo.int

ZHONG Yuwei  
IPCC Secretariat  
c/o World Meteorological Organization  
Email: yzhong@wmo.int

**INTERNATIONAL INSTITUTE FOR  
SUSTAINABLE DEVELOPMENT (IISD)  
EARTH NEGOTIATIONS BULLETIN (ENB)**

BULLON Laura  
IISD/ENB  
Email: laurab@iisd.net

DAVENPORT Deborah  
IISD/ENB  
Email: deborah@iisd.net

PETERSMANN Moritz  
IISD/ENB  
Email: moritz@iisd.net

RODOPOULOU Anastasia  
Email: IISD/ENB  
anastasiarodop@gmail.com

SCHMIDT-THOME Maja  
IISD/ENB  
Email: mschmidt-thome@iisd.org

TEMPLETON Jessica  
IISD/ENB  
Email: [jtempleton@iisd.org](mailto:jtempleton@iisd.org)