

**FIFTY-SECOND SESSION OF THE IPCC**  
**Paris, France, 24 – 28 February 2020**

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ENGLISH ONLY

**DRAFT REPORT OF THE FIFTY-FIRST SESSION OF THE IPCC**

**Principality of Monaco, 20 – 23 September 2019**

(Submitted by the Secretary of the IPCC)

**IPCC Secretariat**

c/o WMO • 7bis, Avenue de la Paix • C.P. 2300 • 1211 Geneva 2 • Switzerland  
telephone : +41 (0) 22 730 8208 / 54 / 84 • fax : +41 (0) 22 730 8025 / 13 • email : IPCC-Sec@wmo.int • [www.ipcc.ch](http://www.ipcc.ch)



**DRAFT REPORT OF THE FIFTY-FIRST SESSION OF THE IPCC**  
**Principality of Monaco, 20 – 23 September 2019**

**1. OPENING OF THE SESSION**

Mr Hoesung Lee, Chair of the Intergovernmental Panel on Climate Change (IPCC), called the 51<sup>st</sup> Session of the IPCC (IPCC-51) to order on Friday 20 September 2019 at the Grimaldi Forum Center, Principality of Monaco.

The Secretary of the IPCC, Mr Abdalah Mokssit, welcomed participants to the meeting.

In his opening statement, the Chair of the IPCC thanked the Government of Monaco for its support and hospitality, including the support of the Prince Albert II of Monaco Foundation for the IPCC Scholarship Programme, and thanks all those who had worked on the *Special Report on the Ocean and Cryosphere in a Changing Climate*, which would be considered at the Session.

Ms Elena Manaenkova, Deputy Secretary-General, World Meteorological Organization, welcomed participants, described how the current work of WMO was contributing to IPCC products and underlined the support of WMO for the IPCC.

Mr Jian Liu, Chief Scientist and Director of the Science Division of the United Nations Environment Programme, introduced a video message by Ms Inger Andersen, Executive Director of the United Nations Environment Programme.

In the video message, Ms Andersen emphasized the support of UNEP for the IPCC.

Mr Florin Vladu, representative of the Secretariat of the United Nations Framework Convention on Climate Change (UNFCCC), described the importance of the new IPCC products for the UNFCCC process.

H.E. Mr Andrés Couve Correa, Minister of Science, Technology, Knowledge and Innovation of Chile, described Chile's climate action and its support for climate science. He said the work of the 51<sup>st</sup> Session, addressing the *Special Report on the Ocean and Cryosphere in a Changing Climate*, would be aligned with the goals of the forthcoming 25<sup>th</sup> Conference of the Parties (COP25) of the UNFCCC.

H.S.H. Prince Albert II of Monaco welcomed participants to Monaco and described the Principality's commitment to climate action.

The Chair of the IPCC then introduced the provisional agenda as contained in document [IPCC-LI/Doc.1](#) and [IPCC-LI/Doc.1, Add.1](#).

The provisional agenda was adopted with the inclusion of additional items to be discussed under Any Other Business: Preparations for the Sixth Assessment Report Synthesis Report; Publishing and translation of the IPCC Special Report on Global Warming of 1,5°C; Progress on the Task Group on Data Support for Climate Change Assessments (TG-Data).

## **2. APPROVAL OF THE DRAFT REPORT OF THE 50TH SESSION OF THE IPCC**

*Documents: [IPCC-LI/Doc.2, Rev.1](#)*

The draft report of the 50<sup>th</sup> Session of the IPCC as contained in document IPCC-LI/Doc. 2, Rev.1 was presented and approved with the inclusion of two substantive comments and editorial revisions.

## **3. ACCEPTANCE OF THE ACTIONS TAKEN AT THE SECOND JOINT SESSION OF WORKING GROUPS I AND II**

*Documents: [IPCC-LI/Doc.3](#), [IPCC-LI/Doc.4](#)*

The Chair of the IPCC invited the Panel to accept the actions of the 2<sup>nd</sup> Joint Session of Working Groups I and II, whereby the Summary of Policymakers (SPM) of the Special Report on the Ocean and Cryosphere in a Changing Climate (SROCC) was approved and the underlying scientific-technical assessment was accepted. The Panel also noted the changes to the underlying scientific-technical assessment to ensure consistency with the approved Summary for Policymakers. The Chair voiced his gratitude to the Working Groups and their Co-Chairs, the Authors, the Governments and others who had contributed to the successful conclusion of the report. Delegations took the floor to express their appreciation for this important achievement.

The statement of the USA is appended as Annex 2 to this report.

## **4. PROGRESS REPORT OF THE TASK GROUP ON THE ORGANIZATION OF THE FUTURE WORK OF THE IPCC IN LIGHT OF THE GLOBAL STOCKTAKE (ORAL)**

Ms Maria Amparo Martinez Arroyo, Co-Chair of the Task Group on the Organization of future work of the IPCC in light of the Global Stocktake (TG-FWLGST) presented the oral progress report. She reminded the Panel that the Task Group is operating under a mandate from the IPCC and is adhering strictly to its Terms of reference . The Task Group should present progress reports at Panel sessions, comply with IPCC procedures and ensure transparency and inclusiveness, and deliver the outcomes of its work and report in due time for the first IPCC session in 2020.

Ms Martinez Arroyo informed the Panel that in June 2019, Governments and IPCC Observer Organizations were invited to provide comments and suggestions on viable alternatives and options, which had been identified by the Task Group in a consultative process. The contents of the call and the guidance information which was provided were discussed during the face to face meeting of the Task Group held in Geneva, during the 50<sup>th</sup> Session of the IPCC. In response to the call, 23 responses have been received from 21 member countries and 2 IPCC Observer Organizations. These responses were sent to the Task Group members for analyses.

During the face to face meeting which was held at the 51<sup>st</sup> Session of the IPCC, the Task Group members discussed a preliminary analysis of the received responses and expressed a preference for qualitative analysis instead of a quantitative approach. Members highlighted the need to solicit input from Technical Support Units (TSUs), IPCC Bureau members and the Secretariat in order to integrate them to the whole analysis. It was suggested that an inclusive and consultative process which involves Task Group members in the preparation of the final report should be applied. The Co-Chairs and rapporteur encouraged the Task Group members to extensively use the electronic forum during the preparation of the final report.

Ms Martinez Arroyo requested that an item on the progress report of the Task Group could be included in the agenda for the 57<sup>th</sup> Session of the IPCC Bureau, scheduled to take place in Singapore in October 2019. She concluded by reminding the Panel that after the presentation of the Task Group's final report at the 52<sup>nd</sup> Session of the IPCC, the work of this Task Group will cease.

One country mentioned its appreciation on the work of the TG-FWLGST and suggested that the Task Group should place more emphasis on the qualitative analysis of the pros and cons and avoid using statistical approaches which include ranking of the scores.

The Panel took note of the TG-FWLGST progress report.

## **5. REPORT OF THE IPCC CONFLICT OF INTEREST COMMITTEE (ORAL)**

Mr Youba Sokona, Chair of the IPCC Conflict of Interest (COI) Committee, gave a brief report on the activities of the COI Committee. He informed the Panel that the 17<sup>th</sup> COI Committee meeting was held on 3 August 2019 in the margins of the 50<sup>th</sup> Session of the IPCC at the WMO offices in Geneva. At that meeting the COI Committee reviewed the annual reports of the three Working Group Bureaux and the Task Force Bureau in relation to their consideration of conflict of interest issues in accordance with paragraph 11 of the Implementation Procedures of the IPCC COI Policy. The COI Committee had noted with appreciation that no conflicts of interest were identified. The Chair thanked the Co-chairs and their Bureaux for the completeness and transparency of their reports.

## **6. ANY OTHER BUSINESS**

### **6.1. Preparations for the Sixth Assessment Report Synthesis Report**

The IPCC Chair informed the Panel of the preparations under way for the Scoping meeting of the Synthesis Report (SYR) of the Sixth Assessment Report (AR6) to be held in Singapore from 21 to 23 October 2019.

He noted that he is working with the Co-chairs of Working groups I, II and III to finalize the list of experts to be invited to the Scoping meeting. He also informed the Panel of his intention to share the Chair's draft vision paper with the Scientific Steering Committee of the AR6 Synthesis Report Scoping meeting in the next few days.

In the ensuing discussions France, the United Kingdom, China, Tanzania, Ghana and the United States of America made interventions noting the cooperation between the team preparing the AR6 SYR Scoping meeting and the Working Group teams. Also the criteria for selecting the participants to the scoping meeting were addressed.

### **6.2. Publishing and translation of the IPCC Special Report on Global Warming of 1,5°C**

Mr Jonathan Lynn, IPCC Senior Communications Manager, reported that translations into the five official UN languages other than English (Arabic, Chinese, French, Russian and Spanish) of the Summary for Policymakers (SPM) of the Special Report on Global Warming of 1.5°C (SR15) have been posted on the IPCC website and can be accessed on the SR15 page under SPM downloads.

The translators were now working on the SPM of the Special Report on Climate Change and Land.

Regarding publication, he said that the World Meteorological Organization (WMO) had carried out a procurement process on behalf of the IPCC to identify a printer and publisher of all reports in the Sixth Assessment Report cycle, starting with SR15, conducted strictly in conformity with the rules and procedures of the WMO. This had taken longer than expected because it had been necessary to relaunch the process after the single bidder in the first tender was disqualified for failing to observe the correct procedures. This bidder had been invited to resubmit an offer in the second tender.

He said the WMO has now identified a vendor through the procurement process and is finalizing a contract with them. Once this is completed the details will be announced, but the process remains confidential until then. Mr Lynn set out the timeline for the process so far.

Ms Valérie Masson-Delmotte, Co-Chair, Working Group I, said it was frustrating that a publisher had not been identified nearly one year after approval of SR15, and said it was important to find a publisher with the highest reputation in the interests of the IPCC's own scientific reputation. She said it was important for the authors who had contributed their time to preparing the report to have their work cited, requiring the establishment of digital object identifiers (DOIs) for the report. She said the IPCC should write to authors explaining the delay.

She asked for the topic of translation to be included on the next session of the IPCC Bureau, and made a number of suggestions to improve and accelerate the translation process. She noted that a crowdsourced French version of the SR15 SPM had been produced in the meantime.

The Senior Communications Manager said that under the publishing contract now being finalized, the vendor would provide DOIs for the report as a whole and its constituent elements.

One country, noting that it had supported the Working Group I Technical Support Unit (TSU), which had coordinated the technical work on SR15 for all three Working Groups, underlined the importance of making SR15 accessible in electronic format, with the SPM in all six UN languages, and in hard copy. The scientific referencing of the report was important for the author who had worked on it.

The Secretary of the IPCC, Mr Abdalah Mokssit, said that the staff in the IPCC Secretariat and WMO had carefully followed the correct procedures, which must be conducted in a rigorous manner, and outlined the steps required.

Ms Debra Roberts, Co-Chair, Working Group II, also supported sending letters to the SR15 authors.

The Secretary of the IPCC said letters were in preparation, and awaiting the finalization of the contract so that information about the vendor could be provided.

### **6.3. Progress on the Task Group on Data Support for Climate Change Assessments (TG-Data)**

Mr Mxolisi Shongwe from the IPCC Secretariat presented a progress report on the Task Group on Data Support for Climate Change Assessments (TG-Data). He reminded the Panel that at the 49<sup>th</sup> Session of the IPCC, the list of fourteen TG-Data members who were selected by the IPCC Bureau at its 57<sup>th</sup> Session (Geneva, Switzerland, 18 – 19 March 2019) was presented to the Panel in Document [IPCC-XLIX/Doc. 7, Corr.1](#). One TG-Data member who had been selected by the Bureau stepped down

Following the proposal we presented to amend the Terms of Reference (TORs) of the TG-Data, the Panel decided to amend Article 3.2 of the TORs to allow the IPCC Bureau to also nominate potential members of the TG-Data and also amended Article 3.3. of the TORs to allow for a maximum of 20 TG-Data members.

In July 2019, IPCC Bureau members were invited to nominate and/or select additional TG-Data members. In response to this invitation, four new TG-Data members were selected. Two of the selected members have already accepted to serve in the Task Group. Working Group Co-chairs and Data Distribution Center (DDC) managers were invited to designate Ex-Officio members.

Mr Shongwe informed the Panel that the First teleconference of the TG-Data was held on 3<sup>rd</sup> June 2019. The second teleconference was scheduled for 7<sup>th</sup> October 2019. The First face-to-face meeting for the TG-Data was to be held in Montreal, Canada from 6 – 8 November 2019. TG-Data representatives were invited to attend the 3<sup>rd</sup> Lead Author meeting (LAM3) for Working Group I which was held in Toulouse, France in August 2019. At the WGI LAM3, one Co-chair made a presentation about the work of the Task Group in plenary. The Task Group members were given opportunities to engage with the WGI TSU, Bureau and the author team. TG-Data Co-chairs were invited to attend the 57<sup>th</sup> Session of the IPCC Bureau in Singapore from 24- 25 October 2019. It was expected that the TG-Data Co-chairs would present the Task Group workplan, including a list of activities and meetings, associated deliverables and respective timelines. The workplan would be reviewed by the IPCC Bureau and presented to the Panel for approval.

The Panel took note of the progress report.

## **7. PLACE AND DATE OF THE 52<sup>nd</sup> SESSION OF THE IPCC**

The Secretary of the IPCC informed the Plenary that the 52<sup>nd</sup> Session of the IPCC would be held in from 24 to 28 February 2020, location to be confirmed.

## **8. CLOSING OF THE SESSION**

The Chair of the IPCC thanked the Government of Monaco for hosting a successful 51<sup>st</sup> Session of the IPCC. He thanked government representatives of member countries, Bureau members, representatives of Observer Organizations, Authors, Working Group Technical Support Units, the Secretariat and WMO conference team, as well as the interpreters for a successful meeting and gaveled the meeting to a close at 15.00 p.m. on Tuesday 24 September 2019.

**51<sup>st</sup> SESSION OF THE IPCC**  
**Principality of Monaco, 20 to 23 September 2019**

**Decisions adopted by the Panel**

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

*Documents: IPCC-LI/Doc.1 and IPCC-LI/Doc.1. Add.1*

The Intergovernmental Panel on Climate Change at its 51<sup>st</sup> Session adopts the provisional agenda as contained in document IPCC-LI/Doc.1, with the inclusion of additional items to be discussed under Any Other Business: Preparations for the Sixth Assessment Report Synthesis Report; Publishing and translation of the IPCC Special Report on Global Warming of 1,5°C; Progress on the Task Group on Data Support for Climate Change Assessments (TG-Data).

**Decision IPCC-LI-2. Approval of the draft report of the 50<sup>th</sup> Session of the IPCC**

*Document: IPCC-LI/Doc.2, Rev.1*

The Intergovernmental Panel on Climate Change at its 51<sup>st</sup> Session approves the report of the 50<sup>th</sup> Session of the IPCC with the inclusion of two substantive comments and editorial revisions.

**Decision IPCC-LI-3. Acceptance of the actions taken at the Second Joint Session of Working Groups I and II**

*Documents: IPCC-LI/Doc. 3 and IPCC-LI/Doc. 4*

The Intergovernmental Panel on Climate Change at its 51<sup>st</sup> Session accepts the actions taken at the Second Joint Session of Working Groups I and II, related to the approval of the Summary for Policymakers of the IPCC Special Report on the Ocean and Cryosphere in a Changing Climate and the acceptance of the underlying scientific-technical assessment in accordance with Section 4.4 of Appendix A to the Principles Governing IPCC Work.

**Statement of the United States of America on the IPCC Special Report on Oceans and Cryosphere in Changing Climate**

September 24, 2019

With respect to acceptance of the Special Report, as provided in the IPCC's procedures, the contents of the authored chapters have not been subject to line-by-line discussion and agreement, and remain the responsibility of the authors. In this context, the United States notes that acceptance of this report by the Panel does not imply endorsement by the United States of the specific findings or underlying contents of the report.

With respect to approval of the Summary for Policy Makers (SPM), we underscore that, as provided in IPCC procedures, approval signifies that the SPM is consistent with the factual material contained in the full report.

Given that the underlying contents of the report are not subject to agreement by members of the panel, approval of the SPM similarly should not be understood as U.S. endorsement of all of the findings and key messages included in the SPM.

The United States expresses its deep appreciation to the authors for preparing this Special Report.



**INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE**

**51<sup>st</sup> SESSION OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE  
Principality of Monaco, 20 to 23 September 2019**

**LIST OF PARTICIPANTS**

## **CHAIR OF THE IPCC**

Hoesung LEE  
Chairman of the IPCC  
Korea University  
c/o Korea Meteorological Administration, 16-gil-61  
Yeouidaebangro, Dongjak-gu  
Seoul  
Republic of Korea  
Tel.: +82 2 835 1363  
E-mail: leehoesung@gmail.com

## **BUREAU MEMBERS**

Carolina VERA  
WGI Vice Chair  
CIMA/University of Buenos Aires-CONICET  
Cima, pabellon 2, 2do piso, Ciudad Universitaria  
Buenos Aires  
Argentina  
Tel.: +5491147872693  
E-mail: carolina@cima.fcen.uba.ar

Mark HOWDEN  
WGII Vice Chair  
Australian National University  
Acton  
Canberra ACT 2601  
Australia  
Tel.: +61 2 6125 7266  
E-mail: Mark.Howden@anu.edu.au

Gregory FLATO  
WGI Vice Chair  
Canadian Centre for Climate Modelling and  
Analysis  
Environment and Climate Change Canada  
Victoria  
Canada  
Tel.: +1-250-363-8233  
E-mail: greg.flato@canada.ca

Panmao ZHAI  
WGI Co Chair  
Chinese Academy of Meteorological Sciences  
No. 46, Zhongguancun South Street  
Haidian District  
Beijing  
China  
Tel.: +86 10 68409421  
E-mail: pmzhai@cma.gov.cn

Ramon De La Concepcion PICHES MADRUGA  
WGIII Vice Chair  
Centre for World Economy Studies (CIEM)  
CIEM, Calle 22 No. 309, Miramar, Habana 13  
Havana  
Cuba  
Tel.: +5372042507  
E-mail: rpichsciem@ceniai.inf.cu

Diriba DADI  
WGIII Vice Chair  
USGS/Famine Early Warning Systems Network  
P.O. Box 17403 Addis Ababa Ethiopia  
Addis Ababa  
Ethiopia  
Tel.: +116619966  
E-mail: dkorecha@yahoo.com

Valerie MASSON-DELMOTTE  
WGI Co Chair  
LSCE  
Route de l'Orme des Merisiers  
Gif sur Yvette  
France  
Tel.: +33 1 69 08 77 15  
E-mail: Valerie.masson@lsce.ipsl.fr

Hans-otto POERTNER  
WGII Co Chair  
Alfred-Wegener-Institut  
Marktstraße 3  
28195 Bremen  
Germany  
Tel.: +49(0)471 4831 2440  
E-mail: hans.poertner@awi.de

Diana URGE-VORSATZ  
WGIII Vice Chair  
Central European University, Center for Climate  
Change and Sustainable Energy Policy  
Nador utca 9  
Budapest  
Hungary  
Tel.: +36306839134  
E-mail: vorsatzd@ceu.edu

Kiyoto TANABE  
TFI Co Chair  
C/o Institute for Global Environmental Strategies  
(IGES)  
2108-11 Kamiyamaguchi  
Hayama, 240-0115  
Japan  
Tel.: +81 46 855 3752  
E-mail: tanabe@iges.or.jp

Joy PEREIRA  
WGII Vice Chair  
Universiti Kebangsaan Malaysia  
SEADPRI-UKM, Institute for Environment and  
Development  
Bangi  
Malaysia  
Tel.: +60389214852  
E-mail: pereirajoy@yahoo.com

Amjad ABDULLA  
WGIII Vice Chair  
Ministry of Environment and Energy  
Ameenee Magu  
Male  
Maldives  
Tel.: +9607775543  
E-mail: abdulla.amjad@gmail.com

Andy REISINGER  
WGIII Vice Chair  
New Zealand Agricultural Greenhouse Gas  
Research Centre  
PO Box 5290  
Wellington  
New Zealand  
Tel.: +64 4 472 3292  
E-mail: Andy.Reisinger@nzagrc.org.nz

Jan FUGLESTVEDT  
WGI Vice Chair  
CICERO  
Pb. 1129 Blindern, 0318 Oslo  
Oslo  
Norway  
Tel.: +4791578850  
E-mail: j.s.fuglestvedt@cicero.oslo.no

Eduardo CALVO  
TFI Co Chair  
Arteaga 549  
San Borja  
Lima  
Peru  
Tel.: +511 3462299  
E-mail: e13calvo@gmail.com

Sergei SEMENOV  
WGII Vice Chair  
Yu.A. Izrael Institute of Global Climate and  
Ecology  
Glebovskaya Street, 20B  
Moscow  
Russian Federation  
Tel.: +7 499 169 1103  
E-mail: SergeySemenov1@yandex.ru

Debra ROBERTS  
Bureau Member  
Sustainable and Resilient City Initiatives Unit  
EtheKwini Municipality  
Durban  
South Africa  
Tel.: +27 31 311 7527  
E-mail: Debra.Roberts@DURBAN.GOV.ZA

Andreas FISCHLIN  
WGII Vice Chair  
ETH Zurich  
Universitaetstrasse 16  
Zurich  
Switzerland  
Tel.: +47148312411  
E-mail: andreas.fischlin@env.ethz.ch

Youba SOKONA  
IPCC Vice chair  
South Centre  
Chemin du Champ d'Anier  
Geneva  
Switzerland  
Tel.: +41 227918046  
E-mail: ysokona@gmail.com

Pius YANDA  
WGII Vice Chair  
University of Dar es Salaam Main Campus  
Main Campus  
Dar es Salaam  
United Republic of Tanzania  
Tel.: +255222410707  
E-mail: pyanda@gmail.com

Ko BARRETT  
IPCC Vice Chair  
1315 East West Hwy  
Silver Spring MD  
United States of America  
Tel.: +3017341054  
E-mail: ko.barrett@ipcc.ch

Carlos MENDEZ  
WGII Vice Chair  
IVIC  
Carretera Panamericana km 11, Estado Miranda,  
Venezuela  
Caracas  
Venezuela  
Tel.: +582125041246  
E-mail: carlos.menvall@gmail.com

## **MEMBER COUNTRIES**

### **ARMENIA**

Khachatur KHACHATRYAN  
Ministry of Environment of the Republic of Armenia  
3 Government Bldg, Republic Sq,  
Yerevan, 0010  
Armenia  
Tel.: +37477558585  
E-mail: khachatryan85@yahoo.com

## **AUSTRALIA**

Maggie BAILEY  
Department of the Environment and Energy  
John Gorton Building, Kind Edward Terrace  
Canberra  
Australia  
Tel.:+61 6159 7161  
E-mail: Maggie.Bailey@environment.gov.au

Rob STURGISS  
Department of the Environment and Energy  
John Gorton Building, King Edward Terrace  
Canberra ACT 2600  
Australia  
Tel.:+61 02 6159 7388  
E-mail: rob.sturgiss@environment.gov.au

Ken XIE  
Australian Embassy in Paris  
4 rue Jean Rey  
Paris  
France/Australia  
Tel.:+33 (0)1 40 59 34 10  
E-mail: Ken.Xie@dfat.gov.au

## **AUSTRIA**

Manfred OGRIS  
Fed. Ministry for Agriculture, Forestry,  
Environment and Water  
Stubenbastei 5  
A-1010 Wien  
Austria  
Tel.:+431 71100611741  
E-mail: manfredogris@gmx.at

## **AZERBAIJAN**

Jeyhun HASANOV  
H.Aliyev ave 10  
Baku  
Azerbaijan  
Tel.:(+99412)5662794  
E-mail: jeyhun.eco@gmail.com

## **BELGIUM**

Bruna GAINO  
Plateforme Wallone de GIEC/UCL  
Place Louis Pasteur 3, (bte L4.03.08)  
1348 Louvain-la-Neuve  
Belgium  
Tel.:+32 (0)10 47 32 86  
E-mail: Bruna.Gaino@uclouvain.be

Philippe MARBAIX  
Plateforme Wallone de GIEC/UCL  
Place Louis Pasteur 3, (bte L4.03.08)  
1348 Louvain-la-Neuve  
Belgium  
Tel.:+32 (0) 10 47 32 99  
E-mail: Philippe.Marbaix@uclouvain.be

Jean- Pascal VAN YPERSELE  
Université catholique de Louvain (UCL) - Georges  
Lemaître Centre for Earth and Climate Research  
(TECLIM)  
Place Louis Pasteur 3, (bte L4.03.08)  
1348 Louvain-la-Neuve  
Belgium  
Tel.:+32 (0) 10 47 32 96  
E-mail: vanyp@climate.be

Martine VANDERSTRAETEN  
BELSPO - Belgian federal Science Policy Office  
Louizalaan 231 - Avenue Louise1050  
1050 Brussels  
Belgium  
Tel.:+32 (0) 2 238 36 10  
E-mail: vdst@belspo.be

## **BELIZE**

Shanea YOUNG  
National Meteorological Service of Belize  
PO Box 717, Belize District  
Belize  
Tel.:+501-225-2054  
E-mail: syoung@hydromet.gov.bz

## **BENIN**

Kokou Marcellin NAKPON  
Meteo Benin  
BP 379  
Cotonou  
Benin  
Tel.:+229 94174151  
E-mail: marcellin.nakpon@gmail.com

## **BHUTAN**

Namgyal PHUNTSHO  
National Center for Hydrology and Meteorology,  
Royal Government of Bhutan  
National Center for Hydrology and Meteorology  
(NCHM) Royal Government of Bhutan Post Box:  
207 Thimphu : Bhutan  
Doeboom Lam, Thimthrom, Post Box: 207,  
Thimphu, Bhutan  
Bhutan  
Tel.:+9752327624  
E-mail: phuntshonamgyel@nchm.gov.bt

## **BOLIVIA**

Mayra Briseida MONTERO CASTILLO  
Ministry of Foreign Affairs  
Plaza Murillo entre calles Ingavi y Junin  
La Paz  
Bolivia  
Tel.:+59122408900  
E-mail: mayramonterobolivia@gmail.com

## **BOSNIA AND HERZEGOVINA**

Goran TRBIC  
University of Banja Luka Faculty of Science  
Mladena Stojanovica 2  
Banja Luka  
Bosnia and Herzegovina  
Tel.:+38751324561  
E-mail: trbicg@pmfbl.org

## **BRAZIL**

Paulo BRAGA  
Ministry of Foreign Affairs  
Esplanada dos Ministerios Bloco H  
Anexo III 3 andar  
Brasília  
Brazil  
Tel.:+55 61 20306072  
E-mail: paulo.braga@itamaraty.gov.br

Andrea NASCIMENTO DE ARAUJO  
Ministry of Science, Technology, Innovation and  
Communication  
Esplanada dos Ministerios, Bloco E, s. 268 - CEP  
70067-900  
Brasília  
Brazil  
Tel.:+55 61 2033 8074  
E-mail: anaraujo@mctic.gov.br

## **BURKINA FASO**

Ulrich Jacques DIASSO  
Agence Nationale de la Météorologie  
01 BP 576  
OUAGADOUGOU  
Burkina Faso  
Tel.:+22676177600  
E-mail: udiasso@gmail.com

## **CAMBODIA**

Neth BARODA  
Department of CLimate Change  
General Secretariat of National Council for  
Sustainable Development  
Ministry of Environment  
Morodok Techo Building, Lot 503, Sangkat Tonle  
Bassac, Khan Chamkarmon  
Phnom Penh  
Cambodia  
Tel.:+962625382  
E-mail: baroda.neth2013@gmail.com

Reasey PHOEUK  
Department of Climate Change  
Morodok Decho Building, No. 503, Chamkarmon  
Phnom Penh  
Cambodia  
Tel.:+855974555876  
E-mail: phoeuk.reasey@gmail.com

## **CANADA**

Elizabeth BUSH  
Environment and Climate Change Canada  
4905 Dufferin St, 3rd Floor, Office 3S205, Ontario,  
M3H 5T4  
Toronto  
Canada  
Tel.:+1 416-739-4332  
E-mail: elizabeth.bush@canada.ca

Denis GILBERT  
Delegate  
Fisheries and Oceans Canada  
200 Kent St  
Ottawa  
Canada  
Tel.:+1-819-938-5847  
E-mail: Denis.Gilbert@dfo-mpo.gc.ca

Denise JOY  
Fisheries and Oceans Canada  
200 Kent St  
Ottawa  
Canada  
Tel.:1-819-938-5847  
E-mail: Denise.Joy@dfo-mpo.gc.ca

Joanna MACDONALD  
Inuit Circumpolar Council Canada  
75 Albert St  
Ottawa  
Canada  
Tel.:1-819-938-5847  
E-mail: jmacdonald@inuitcircumpolar.com

Laird SHUTT  
Environment and Climate Change Canada  
335 River Road, 3rd Floor, Office 353, Ontario,  
K1V 1C7  
Ottawa  
Canada  
Tel.:+1 613-949-8306  
E-mail: laird.shutt@canada.ca

James TOM  
Geological Survey of Canada  
Pacific Geoscience Centre|Centre géoscientifique  
du Pacifique  
Ottawa  
Canada  
Tel.:+(250) 363-6403  
E-mail: thomas.james@canada.ca

Katie VOGT  
Environment and Climate Change Canada  
351 Boulevard Saint-Joseph  
Gatineau  
Canada  
Tel.:+819-938-5847  
E-mail: katie.vogt@canada.ca

Athanase Hyacinthe Anaclet YAMBELE  
Delegate  
DIRECTION OF METEOROLOGY  
B.p 941 MET SERVICE MINISTER OF CIVIL  
AVIATION  
BANGUI  
Central African Republic  
Tel.:+23675047802  
E-mail: athyambele@yahoo.fr

#### **CHAD**

Hamid ABAKAR SOULEYMANE  
Ministry of Civil Aviation and of the National  
Meteorology  
National Meteorology Agency  
NDjamena  
Chad  
Tel.:+23562000047  
E-mail: chogara11@yahoo.fr

#### **CHILE**

Giovanni CALDERON  
Climate Change and Sustainability Agency of Chile  
Amanda Labarca 124, floor 2, Santiago,  
Metropolitan Region, Chile  
Santiago  
Chile  
Tel.:+56 9 94529793  
E-mail: giovanni.calderon@ascc.cl

Andrés COUVE  
Ministry of Science, Technology, Knowledge and  
Innovation (Government of Chile)  
Palacio La Moneda s/n. Piso 2. Ala sur-poniente  
Santiago  
Chile  
Tel.:(+56 2) 2694 5423  
E-mail: acouve@minciencia.gob.cl

Rosana GARAY  
Ministry of Foreign Affairs, Chile  
Teatinos 180 piso 13  
Santiago  
Chile  
Tel.:+56 2 28274624  
E-mail: rgaraym@minrel.gob.cl

Humberto GONZALEZ  
Professor at the Institute of Marine and  
Limnological Sciences at the Faculty of Sciences  
at the University Austral of Chile  
Universidad Austral, Edificio Emilio Pugin, piso 1.  
Campus Isla Teja.  
Valdivia.  
Chile  
Tel.:+56976693026  
E-mail: hgonzale@uach.cl

Maritza JADRIJEVIC  
Climate Change Office, Environmental Ministry  
San Martín 73, 8° piso  
Santiago  
Chile  
Tel.:+56 2 25735688  
E-mail: mjadrijevic@mma.gob.cl

Leonardo MUNOZ  
Ministry of Science, Technology, Knowledge and  
Innovation  
Palacio La Moneda s/n. Piso 2. Ala Sur-Poniente  
Santiago  
Chile  
Tel.:+(56 2) 2694 5423  
E-mail: leonardo.munoz@gmail.com

#### **CHINA**

Qingchen CHAO  
China Meteorological Administration  
No. 46, Zhongguancun Nandajie  
Beijing  
China  
Tel.:+86 10 68406681  
E-mail: chaoqc@cma.gov.cn

Chao CHEN  
China Meteorological Administration  
No.46 Zhongguancun South Street, Haidian  
District  
Beijing  
China  
Tel.:+86 68406732  
E-mail: chenchao@cma.gov.cn

Xing FAN  
National Center for Climate Change Strategy and  
International Cooperation  
C605 Guohong Mansion, Muxidi north lane Jia  
11th, Xicheng District  
Beijing  
China  
Tel.:+86 10 63909255  
E-mail: fanxingpku@163.com

Xiaodan NA  
Department of International cooperation, China  
Meteorological Administration  
46 Zhongguancun Nandajie  
Beijing,100081  
China  
Tel.:+86 10 68406662  
E-mail: naxd@cma.gov.cn

Pengling WANG  
China Meteorological Administration  
No.46 Zhongguansun South Street, Haidian  
District  
Beijing  
China  
Tel.:+86 10 58994216  
E-mail: wangpl@cma.gov.cn

Rucong YU  
China Meteorological Administration  
46 Zhongguancun Nandajie  
Beijing  
China  
Tel.:+86 10 62172957  
E-mail: yrc@cma.gov.cn

Yongqiang YU  
Institute of Atmospheric Physics, Chinese  
Academy of Sciences  
Hua Yan Li 40, Chaoyang District  
Beijing  
China  
Tel.:+86 10 82995167  
E-mail: yyq@lasg.iap.ac.cn

Jiashuang YUAN  
China Meteorological Administration  
46 Zhongguancun Nandajie  
Beijing, 100081  
China  
Tel.:+86 10 68406732  
E-mail: yuanjs@cma.gov.cn

Ningning ZHANG  
Chinese Academy of Sciences  
52, Sanlihe Road  
BEIJING  
China  
Tel.:+86 10 68597580  
E-mail: nnzhang@cashq.ac.cn

## **COLOMBIA**

Diana Marcela VARGAS GALVIS  
Institute of Hydrology, Meteorology and  
Environmental Studies (IDEAM)  
Calle 25D No. 96B-70  
Bogota  
Colombia  
Tel.:+57 (1) 3527160 Ext. 1133  
E-mail: dmvargas@ideam.gov.co

## **COMOROS**

Said DJAMAL-DINE  
Direction General de l'Environnement et des  
Forets  
EX-CEFADER  
Moroni  
Comoros  
Tel.:+269 3318984  
E-mail: djasaid001@gmail.com

## **CONGO**

Gervais Ludovic ITSOUA MADZOUS  
Ministère du Tourisme et de l'Environnement  
Direction Générale du Développement Durable,  
11e Etage Tour Nabemba  
BRAZZAVILLE  
Congo  
Tel.:+242055317411  
E-mail: imadzous2@gmail.com

## **CÔTE D'IVOIRE**

Kouakou Bernard DJE  
Meteorology Office  
15 BP 990  
Abidjan  
Cote d'Ivoire  
Tel.:+225 05817721  
E-mail: dkouakou\_b@yahoo.fr

## **CROATIA**

Kreso PANDZIC  
Meteorological and Hydrological Service  
Gric 3  
Zagreb  
Croatia  
Tel.:+385 1 45 65 684  
E-mail: pandzic@cirus.dhz.hr

## **CUBA**

Celso PAZOS ALBERDI  
Institute of Meteorology of Cuba  
Loma de Casablanca  
La Habana  
Cuba  
Tel.:+(537) 86 86 408  
E-mail: celso.pazos@insmet.cu

## **CZECH**

Radim TOLASZ  
Czech Hydrometeorological Institute  
Na Saabatce 17  
Praha 4 - Komorany  
Czech Republic  
Tel.:+420 596 900 277  
E-mail: radim.tolasz@chmi.cz

## **DENMARK**

Tina CHRISTENSEN  
Danish Meteorological Institute  
Lyngbyvej 100  
Copenhagen  
Denmark  
Tel.:+45 3915 7496  
E-mail: tic@dmi.dk

Tilde Vejen JESPERSEN  
Danish Meteorological Institute  
Lyngbyvej 100  
Copenhagen  
Denmark  
Tel.:+45 20522639  
E-mail: tje@dmi.dk

Rasmus Anker PEDERSEN  
Danish Meteorological Institute  
Lyngbyvej 100  
Copenhagen  
Denmark  
Tel.:+45 39157595  
E-mail: rap@dmi.dk

## **DOMINICA**

Lloyd PASCAL  
Ministry of Environment  
37 Great George Street  
Roseau  
Dominica  
Tel.:+17672665256  
E-mail: pascallloyd@gmail.com

## **DOMINICAN REPUBLIC**

Pedro GARCIA BRITO  
Ministry of Environment and Natural Resources  
Ave. Cayetano Germosen, Esq. Ave. Gregorio  
Luperon, El Pedregal  
Santo Domingo  
Dominican Republic  
Tel.:+809 567 4300 - 6250  
E-mail: pgarcia222@gmail.com

## **ECUADOR**

Carlos Nicolas ZAMBRANO SANCHEZ  
Ministry of Environment of Ecuador  
Calle Madrid 1159 y Andalucia  
Quito  
Ecuador  
Tel.:+593 2 398 7600  
E-mail: carlos.zambrano@ambiente.gob.ec

## **EGYPT**

Sherif IBRAHIM  
Egyptian Environmental Affairs Agency  
30 Misr Helwan Elzeraee Road, Maadi  
Cairo  
Egypt  
Tel.:+2 02 2524 6162  
E-mail: ipcc\_eg.cccu@yahoo.com

## **EL SALVADOR**

Adriana ERAZO  
Ministry of Environment and Natural  
Calle y colonia las Mercedes, Km 5 1/2, carretera  
a Santa Tecla, Edificio MARN  
San Salvador  
El Salvador  
Tel.:+50321329650  
E-mail: aerazo@marn.gob.sv

## **EQUATORIAL GUINEA**

Pedro MALAVO NSENE  
Ministry of Forestry and the Environment  
malabo  
malabo  
Equatorial Guinea  
Tel.:+240222259037  
E-mail: pmalavo@hotmail.com



## **ESTONIA**

Taimar ALA  
Environment Agency  
Mustamäe tee 33  
Tallinn  
Estonia  
Tel.:+3725276074  
E-mail: taimar.ala@envir.ee

Annela ANGER-KRAAVI  
Environment Agency  
Mustamäe tee 33  
Tallinn 15172  
Estonia  
E-mail: annela@hotmail.co.uk

## **ETHIOPIA**

Fetene TESHOME  
National Meteorological Agency  
Addis Ababa  
Ethiopia  
Tel.:+116615540  
E-mail: fetenekoket@yahoo.com

## **FIJI**

Terry ATALIFO  
Fiji Meteorological Service  
Private Mail Bag, NAP0351, Nadi Airport  
Nadi  
Fiji  
Tel.:+6796724888  
E-mail: atalifo\_terry@yahoo.com

Bipendra PRAKASH  
Fiji Meteorological Service  
Koroiwai Road, AFL State, Namaka  
Nadi  
Fiji  
Tel.+6796724888  
E-mail: bipenprakash@gmail.com

Kushaal RAJ  
Ministry of Economy  
Rolalabalavu House, Victoria Parade  
Suva  
Fiji  
Tel.:+ 6796724888  
E-mail: kushaal\_raj@hotmail.com

## **FINLAND**

Maria LAAMANEN  
Ministry of the Environment  
Aleksanterinkatu 7,FI-00023, P.O.Box 35  
Government  
Helsinki  
Finland  
Tel.:+358 295 250 359  
E-mail: Maria.Laamanen@ym.fi

Paula PERÄLÄ  
Ministry of the Environment  
Aleksanterinkatu 7,FI-00023,  
P.O.Box 35 Government  
Helsinki  
Finland  
Tel.:+358 295 250 224  
E-mail: paula.perala@ym.fi

Heikki TUOMENVIRTA  
Finnish Meteorological Institute  
B.O. Box 503  
Helsinki  
Finland  
Tel.:+358295394122  
E-mail: heikki.tuomenvirta@fmi.fi

Markku VIITASALO  
Finnish Environment Institute  
Latokartanonkaari 11, FI-00790 Helsinki  
Helsinki  
Finland  
Tel.:+358 295 251 742  
E-mail: markku.viitasalo@ymparisto.fi

## **FRANCE**

Théophile BONGARTS-LEBBE  
Plateforme Océan Climat  
195 Rue Saint Jacques  
Paris  
France  
Tel.:+33659525400  
E-mail: tbongarts@ocean-climate.org

Vincent BOURCIER  
MTES  
MTES/DGEC/SCEE/ONERC  
92055 La Defense Cedex  
France  
Tel.:+33 1 40 81 92 85  
E-mail: vincent.bourcier@developpement-  
durable.gouv.fr

Eric BRUN  
MTES  
DGEC/SCEE/ONERC  
92055 La Defense  
France  
Tel.:+33 1 40 81 92 94  
E-mail: eric.brun-barriere@developpement-  
durable.gouv.fr

Aurélie GOURDON  
MTES  
Ministère de la Transition écologique et solidaire  
92055 La Défense Cedex  
France  
Tel.:+33 1 40 81 20 83  
E-mail: aurelie.gourdon@ens-lyon.fr

Marina LEVY  
LOCEAN-IPSL  
Tour 45, 4eme, BC 100 4 Place Jussieu, F-  
75252 Paris Cedex 05  
France  
Tel.:+33 1 44 27 27 07  
E-mail: marina.levy@locean-ipsl.upmc.fr

Thomas LIEBAULT  
MEAE  
37 quai d'Orsay  
75007  
France  
Tel.:+33 1 43 17 53 53  
E-mail: thomas.liebault@diplomatie.gouv.fr

Nicole THOMAS  
Australian Delegation to the OECD  
4 Rue Jean Rey  
Paris  
France  
Tel.:+33 (0)1 4059 3316  
E-mail: Nicole.Thomas@dfat.gov.au

Viviane TREVES  
Delegate  
MEAE  
37, quai d'Orsay  
75007 PARIS  
France  
Tel.:+33 1 43 17 53 53  
E-mail: viviane.treves@diplomatie.gouv.fr

## **GAMBIA**

Lamin Mai TOURAY  
Department of Water Resources  
7, Marina Parade  
Banjul  
Gambia  
Tel.:(220) 4227631  
E-mail: touraylm@yahoo.co.uk

## **GEORGIA**

Ramaz CHITANAVA  
Hydrometeorological department of Georgia  
150, David Agmashenebeli Ave  
Tbilisi  
Georgia  
Tel.:+995 32 243 95 50  
E-mail: chitanavaramaz@gmail.com

## **GERMANY**

Friedemann CALL  
German Aerospace Center, Project Management  
Agency, German IPCC Coordination Office  
Heinrich-Konen-Str. 1  
Bonn  
Germany  
Tel.:+49 1752054916  
E-mail: Friedemann.Call@dlr.de

Achim DASCHKEIT  
Federal Environment Agency (UBA)  
Woerlitzer Platz 1  
Dessau-Rosslau  
Germany  
Tel.:+49 (0) 340 2103 2993  
E-mail: achim.daschkeit@uba.de

Gerrit HANSEN  
DLR Projectmanagement Agency  
Heinrich-Konen-Str. 4  
53225 Bonn  
Germany  
Tel.:+49 30 67055 9658  
E-mail: gerrit.hansen@dlr.de

Matthias MENGEL  
Potsdam Institute for Climate Impact Research  
Telegrafenberg A56, Room 124  
14473 Potsdam  
Germany  
Tel.:+49 331 288 2460  
E-mail: matthias.mengel@pik-potsdam.de

Christian MÜELLER  
Federal Ministry for the Environment, Nature  
Conservation, Building and Nuclear Safety  
Köthener Straße 2-3  
Berlin  
Germany  
Tel.:+49 - 30 - 18 305 4695  
E-mail: Christian.Mueller.extern@bmu.bund.de

Jens TAMBKE  
Delegate  
Federal Environment Agency  
Woerlitzer Platz 1  
Dessau-Rosslau  
Germany  
Tel.:+49 34021032023  
E-mail: jens.tambke@uba.de

Christiane TEXTOR  
German Aerospace Center, Project Management  
Agency, German IPCC Coordination Office  
Heinrich-Konen-Str.1, 53227  
Bonn  
Germany  
Tel.:+49 228 3121 1554  
E-mail: christiane.textor@dlr.de

#### **GHANA**

Nana Ama Browne KLUTSE  
Ghana Space Science and Technology Institute  
P.O. Box LG80,  
Accra  
Ghana  
Tel.:+233244983637  
E-mail: amabrowne@gmail.com

#### **GRENADA**

Aria ST. LOUIS  
Ministry of Climate Resilience, the Environment,  
Forestry, Fisheries, Disaster Management and  
Information  
Ministerial Complex Tanteen  
St, George  
Grenada  
Tel.:+4734403083 Ext.26841  
E-mail: ariastlouis1@gmail.com

#### **GUINEA**

Boubacar Madina DIALLO  
Direction Nationale de la Météorologie de Guinee  
Commune Matoto Cité de l'air 0030  
Conakry  
Guinea  
Tel.:+224628223339  
E-mail: madina\_pita@yahoo.fr

#### **GUINEA BISSAU**

Joao LONA TCHEDNA  
Institut National de la Météorologie  
Avenida do Brasil, Cx.P. 75 1038  
Cedex - Bissau  
Bissau  
Guinea Bissau  
Tel.:+245 95542 20 07  
E-mail: J\_Lona@yahoo.fr

#### **GUYANA**

Paulette BYNOE  
University of Guyana  
Turkeyen Campus, Greater Georgetown, Guyana  
Georgetown  
Guyana  
Tel.:'+5922162635  
E-mail: paulette.bynoe@uog.edu.gy

#### **HAITI**

Kenel DELUSCA  
Ministry of Environment  
Rue 4, Pacot  
Port-au-Prince  
Haiti  
Tel.:'+11-509-44663777  
E-mail: kenel.delusca@gmail.com

#### **INDIA**

Jaivardhan RAMANLAL BHATT  
Ministry of Environment, Forest and Climate  
Change  
3rd Floor Jal Block, Indira Paryavaran  
Bhavan, Ministry of Environment, Forest and  
Climate Change,  
New Delhi 110003  
India  
Tel.:+911124695293  
E-mail: jrbhatt@nic.in

Ajay RAGHAVA  
Ministry of Environment, Forest and Climate  
Change  
Pandit Deen Dayal Antyodaya Bhawan,  
CGO Complex  
New Delhi  
India  
Tel.:+91 11 24362735  
E-mail: ajay.raghava@nic.in

Rasik RAVINDRA  
National Centre for Polar and Ocean  
Research  
Goa  
Goa  
India  
Tel.:+919999518129  
E-mail: rasikravindra@gmail.com

Sadananda Satheesh Chandra SHENOI  
INCOIS  
Pragathi Nagar  
Hyderabad  
India  
Tel.: -23885949  
E-mail: Shenoi@incois.gov.in

Milind Pandurang WAKDIKAR  
Ministry of Earth Sciences  
Prithvi Bhavan  
New Delhi  
India  
Tel.:+91 9911115512  
E-mail: milind.wakdikar@gmail.com

#### **INDONESIA**

Irawan ASAAD  
Ministry of Environment and Forestry Indonesia  
Manggala Wanabakti Building, Block 4, 6th Floor,  
Jalan Gatot Subroto  
Jakarta  
Indonesia  
Tel.:+622157903073  
E-mail: Irawan.asaad@gmail.com

Awidya SANTIKAJAYA  
Permanent Mission of the Republic Indonesia to  
the United Nations, WTO and other International  
Organizations in Geneva  
16 Rue de Saint-Jean  
1203 Geneve  
Switzerland/Indonesia  
Tel.:+41223383350  
E-mail: awidya.santikajaya@mission-indonesia.org

#### **IRAN**

Iman BABAEIAN  
I.R. of Iran Meteorological Organization (IRIMO)  
Meraj Blvd., Azadi Sq., P.O. Box 13185-461  
Tehran  
Iran  
Tel.:+ 9821 660 700 38  
E-mail: i.babaeian@gmail.com

Saeed LASHKARI TAFRESHI  
Ambassador the Islamic Republic of Iran  
4 Avenue d'Irany 75016 Paris  
Paris  
France/Iran  
Tel.:+140697924  
E-mail: saeed1341@gmail.com

#### **IRAQ**

Kameran Ali Hasan HASAN  
Ministry of Environment  
Arassat Al-Hindiya  
Baghdad  
Iraq  
Tel.:+964- 7701521964  
E-mail: kamaranali64@gmail.com

#### **IRELAND**

Frank MCGOVERN  
Richview, Clonskeagh Road  
Dublin 14  
Ireland  
Tel.:+35312680100  
E-mail: f.mcGovern@epa.ie

#### **ITALY**

Eleonora COGO  
CMCC  
viale C. Berti Pichat 6/2  
Bologna  
Italy  
Tel.:+390510301622  
E-mail: eleonora.cogo@cmcc.it

#### **JAMAICA**

Jacqueline SPENCE  
Meteorological Service  
65 3/4 Half Way Tree Road  
Kingston 10  
Jamaica  
Tel.:+1 876 929 3702  
E-mail: j.spence@metService.gov.jm

#### **JAPAN**

Tetsuya DEGUCHI  
Research Institute of Innovative Technology for the  
Earth (RITE)  
9-2 Kizugawadai, Kizugawa-shi,  
Kyoto, 619-0292,  
Japan  
Tel.:+81 774 75 2302  
E-mail: deguchi@rite.or.jp

Tetsuo FUJII  
Ministry of Agriculture, Forestry and Fisheries  
(MAFF)  
1-2-1 Kasumigaseki, Chiyoda-ku,  
Tokyo 100-8952,  
Japan  
Tel.:+81 3 6744 2372  
E-mail: tetsuo\_fujii810@maff.go.jp

Toshifumi FUJIMOTO  
Japan Meteorological Agency (JMA)  
1-3-4 Otemachi, Chiyoda-ku,  
Tokyo 100-8122,  
Japan  
Tel.:+81 3 3212 8341  
E-mail: fujimoto@met.kishou.go.jp

Masashi HARADA  
Japan Meteorological Agency (JMA)  
1-3-4 Otemachi, Chiyoda-ku,  
Tokyo 100-8123,  
Japan  
Tel.:+81 3 3212 8341  
E-mail: m\_harada@met.kishou.go.jp

Noriko HASE  
Ministry of the Environment (MOE)  
1-2-2, Kasumigaseki, Chiyoda-ku,  
Tokyo 100-8975,  
Japan  
Tel.:+81 3 5521 8247  
E-mail: NORIKO\_HASE@env.go.jp

Michio KAWAMIYA  
Japan Agency for Marine-earth Science and  
Technology (JAMSTEC)  
3173-25, Showamachi, Kanazawa ward,  
Yokohama 236-0001,  
Japan  
Tel.:+81 45 778 5613  
E-mail: kawamiya@jamstec.go.jp

Yumi KOBAYASHI  
Research Institute of Innovative Technology for the  
Earth (RITE)  
9-2 Kizugawadai, Kizugawa-shi,  
Kyoto 619-0292,  
Japan  
Tel.:+81 774 75 2302  
E-mail: kobayashi@rite.or.jp

Izumi MORI  
Ministry of Education, Culture, Sports, Science and  
Technology (MEXT)  
3-2-2 Kasumigaseki, Chiyoda-ku,  
Tokyo 100-8959,  
Japan  
Tel.:+81 3 6734 4181  
E-mail: imori@mext.go.jp

Hiroko NAKAMURA  
Global Environmental Forum  
8th Floor, Kuramae Intelligent Bldg., 3-17-3  
Kuramae, Taito-ku,  
Tokyo 111-0051,  
Japan  
Tel.:+81 3 5825 9735  
E-mail: hiroco0517@gmail.com

Yutaro SHOGAKI  
Mitsubishi UFJ Research and Consulting Co., Ltd.  
5-11-2, Toranomom, Minato-ku,  
Tokyo 105-8501  
Japan  
Tel.:+81 3 6733 1023  
E-mail: y.shogaki@murc.jp

Miho SUZUKI  
Ministry of Economy, Trade and Industry (METI)  
1-3-1 Kasumigaseki, Chiyoda-ku,  
Tokyo, 100-8901,  
Japan  
Tel.:+81 3 3501 1757  
E-mail: suzuki-miho@meti.go.jp

Hiroyuki TSUJINO  
Japan Meteorological Agency (JMA)  
1-1 Nagamine,  
Tsukuba, Ibaraki 305-0052,  
Japan  
Tel.:+81 29 853 8657  
E-mail: htsujino@mri-jma.go.jp

Shigeru WATANABE  
Japan Weather Association (JWA)  
Sunshine 60 Bldg. 55F, 3-1-1 Higashi-Ikebukuro,  
Toshima-ku,  
Tokyo 170-6055,  
Japan  
Tel.:+81 3 5521 8247  
E-mail: watanabe.shigeru@jwa.or.jp

Keiko YOSHIKAWA  
Delegate  
Ministry of the Environment (MOE)  
1-2-2, Kasumigaseki, Chiyoda-ku,  
Tokyo 100-8975,  
Japan  
Tel.:+81 3 5521 8247  
E-mail: KEIKO\_YOSHIKAWA@env.go.jp

## **KENYA**

Patricia A. NYING&#039;URO  
Kenya Meteorological Department  
Box 30259-00100  
Nairobi  
Kenya  
Tel.:+254203867880  
E-mail: pnyinguro@gmail.com

## **KYRGYZSTAN**

Aizada BARIEVA  
The State Agency on Environment Protection and  
Forestry of the Kyrgyz Republic  
142, Gorky street Box 720000  
Bishkek  
Kyrgyzstan  
Tel.:+996312549487  
E-mail: aizada.barieva@gmail.com

## **LAO PEOPLE'S DEMOCRATIC REPUBLIC**

Amphayvanh OUDOMDETH  
Department of Climate Change, MONRE  
P.O.Box: 7864, Vientiane Capital, Lao PDR  
Vientiane Capital  
Lao People's Democratic Republic  
Tel.:+856 21 265017  
E-mail: amphayvanh.oudomdeth@gmail.com

Sangkhane THIANGTHAMMAVONG  
Department of Climate Change, MONRE  
Nahaidiew Rd, Ban Sisavath, Vientiane, Lao PDR  
Vientiane Capital  
Lao People's Democratic Republic  
Tel.:+85621 265017  
E-mail: th.khan@yahoo.com

## **LESOTHO**

Malehloa JOCKEY  
Lesotho Meteorological Services  
P.O Box 14515  
Maseru  
Lesotho  
Tel.:+26622325029  
E-mail: jockey2001@gmail.com

## **LIBYA**

Abdelfatah SHIBANI  
Authority of Natural Sciences and Technology  
Research  
Naser Street  
Tripoli  
Libya  
Tel.:'+218916722629  
E-mail: afshibani@gmail.com

## **LUXEMBOURG**

Andrew FERRONE  
Administration of Agricultural Technical Services  
BP. 1904  
L-1019 Luxembourg  
Luxembourg  
Tel.:+352 45 71 72-322  
E-mail: Andrew.Ferrone@asta.etat.lu

## **MADAGASCAR**

Tatiana ANDRY ARIVELO  
Meteo Madagascar  
P.O. Box 1254 Ampandrianomby  
Antananarivo  
Madagascar  
Tel.:'+261340564151  
E-mail: tatiana.arivelo@yahoo.com

## **MALDIVES**

Zammath KHALEEL  
Ministry of Environment and Energy  
Ameenee Magu  
Male  
Maldives  
Tel.:+9607990654  
E-mail: zammath.khaleel@environment.gov.mv

Ali SHAREEF  
Ministry of Environment  
Ameenee Magu  
Male  
Maldives  
Tel.:+9607965626  
E-mail: ali.shareef@environment.gov.mv

## **MEXICO**

Maria Amparo MARTÍNEZ ARROYO  
National Institute of Ecology and Climate Change  
Anillo Periferico 4209, Jardines en la Montaña,  
14210 Ciudad de Mexico  
Mexico City  
Mexico  
Tel.:+52 5554246418  
E-mail: direccion.general@inecc.gob.mx

## **MONACO**

Jessica ASTIER  
Monaco Government  
3 Avenue de Fontvieille  
Monaco  
Tel.:'+33626656935  
E-mail: jastier@gouv.mc

Jérémie CARLES  
Monaco Government  
3 Avenue de Fontvieille  
Monaco  
Tel.:+37798988179  
E-mail: jcarles@gouv.mc

Chrystel CHANTELOUBE  
Monaco Government  
Ministère d'Etat Place de la Visitation  
Monaco  
Tel.:+37798984457  
E-mail: cchanteloube@gouv.mc

Valérie DAVENET  
Monaco Government  
3 Avenue de Fontvieille  
Monaco  
Tel.:+37798982079  
E-mail: vdavenet@gouv.mc

Olivier DUFOURNEAUD  
Musée Océanographique de Monaco  
Avenue Saint-Martin  
Monaco  
Tel.:+377 93 15 36 77  
E-mail: o.dufourneaud@oceano.org

#### **MONGOLIA**

Purevjav GOMBOLUUDEV  
Information and Research Institute on  
Meteorology, Hydrology and Environment  
Juulchnii gudamj 5 Baga toiruu 3  
Ulaanbaatar  
Mongolia  
Tel.:+976 11318751  
E-mail: p\_gombo@hotmail.com

#### **MOROCCO**

Omar CHAFKI  
Direction de la Météorologie Nationale  
Boulevard Tayeb Naciri, Hay Hassani  
P. 8106 Casa-Oasis  
Casablanca  
Morocco  
Tel.:+212522913805  
E-mail: omar\_chafki@yahoo.fr

#### **MYANMAR**

May Khin CHAW  
Department of Meteorology and Hydrology  
Building (5), Ministry of Transport and  
Communications, Nay Pyi Taw  
Nay Pyi Taw  
Myanmar  
Tel.:+95 67 3411528  
E-mail: mkhinc@gmail.com

#### **NEPAL**

Maheshwar DHAKAL  
Ministry of Forests and Environment  
Singha Durbar  
Kathmandu  
Nepal  
Tel.:+97714016812  
E-mail: maheshwar.dhakal@gmail.com

Bishwa Nath OLI  
Ministry of Forests and Environment  
Singha Darbar  
Kathmandu  
Nepal  
Tel.:+977 1 4211567  
E-mail: bn\_oli@yahoo.com

#### **NETHERLANDS**

Marcel BERK  
Ministry of Economic Affairs and Climate Policy  
P.O. Box 20401  
The Hague  
Netherlands  
Tel.:+31-6-5259 5453  
E-mail: m.m.berk@minezk.nl

Frank HALLIE  
Ministry of Infrastructure and Water Management  
PO Box 20901  
Den Haag  
Netherlands  
Tel.:+31621227133  
E-mail: Frank.Hallie@minienw.nl

Rob VAN DORLAND  
KNMI  
Utrechtseweg 297, 3731GA De Bilt  
De Bilt  
Netherlands  
Tel.:+31302206775  
E-mail: rob.van.dorland@knmi.nl

#### **NEW ZEALAND**

Helen PLUME  
Ministry for the Environment  
23 Kate Sheppard Place  
Wellington 6143  
New Zealand  
Tel.:+64 4 439 7627  
E-mail: helen.plume@mfe.govt.nz

Dan ZWARTZ  
Ministry for the Environment  
23 Kate Sheppard Place  
Wellington 6143  
New Zealand  
Tel.:+64 22 517 3288  
E-mail: dan.zwartz@mfe.govt.nz

#### **NICARAGUA**

Sumaya CASTILLO  
Delegate  
MARENA  
KM 12  
Managua  
Nicaragua  
Tel.:+50583393575  
E-mail: sumayacastillolara@gmail.com

## **NIGERIA**

Chukwuemeka OKEBUGWU  
Department of Climate Change, Federal Ministry of  
Environment  
Plot 444, Aguiyi Ironsi Street, Green Building  
Maitama Abuja, Nigeria  
Abuja  
Nigeria  
Tel.: +234 8064426144  
E-mail: chuksokebugwu@yahoo.com

## **NORTH MACEDONIA**

Natasa MARKOVSKA  
Macedonian Academy of Sciences and Arts  
Krstev Misirkov 2, P.O.Box 428  
Skopje  
North Macedonia  
Tel.: +389 2 32 35 427  
E-mail: natasa@manu.edu.mk

## **NORWAY**

Asa Alexandra BORG PEDERSEN  
Norwegian Environment Agency  
Brattfalkaia 15, 7010 Trondheim, Norway  
Trondheim  
Norway  
Tel.: +47 97107475  
E-mail: asa.alexandra.borg.pedersen@miljodir.no

Øyvind CHRISTOPHERSEN  
Norwegian Environment Agency  
Grensesvingen 7  
Oslo  
Norway  
Tel.: +4797075014  
E-mail: chr@miljodir.no

Marianne KROGLUND  
Norwegian Environment Agency  
Grensesvingen 7  
Oslo  
Norway  
Tel.: +4748005055  
E-mail: marianne.kroglund@miljodir.no

Ole-kristian KVISSEL  
Norwegian Environment Agency  
Grensesvingen 7  
0661 Oslo  
Norway  
Tel.: +4793431034  
E-mail: okk@miljodir.no

Ingrid Kleppenes VERNE  
Norwegian Environment Agency  
Grensesvingen 7  
Oslo  
Norway  
Tel.: +4794814196  
E-mail: ingrid.kleppenes.verne@miljodir.no

## **PAKISTAN**

Saeed FAHAD  
CA Ggmbh  
Ritterstraße 3 10969  
Berlin,  
Germany/Pakistan  
Tel.: +49 (0)30 2 59 22 95 20  
E-mail: fahad.saeed@climateanalytics.org

## **PERU**

Ivonne MONTES  
Instituto Geofísico Del Peru (IGP)  
Calle Badajoz 169 Urb. Mayorazgo IV Etapa Ate  
Lima  
Peru  
Tel.: +51 1 317 2300 EXT.135  
E-mail: imontes@igp.gob.pe

## **PHILIPPINES**

Fernando SIRINGAN  
Climate Change Commission  
6th Floor, First Residences, 1557 J.P. Laurel  
Street, Malacanang, San Miguel, Manila  
Manila  
Philippines  
Tel.: +6323641204  
E-mail: fpsiringan@up.edu.ph

## **PORTUGAL**

Josélvarez Pimpão SILVA  
IPMA  
Rua C do Aeroporto de Lisboa, 1749-077  
Lisbon  
Portugal  
Tel.: +351218447101  
E-mail: alvaro.silva@ipma.pt

## **REPUBLIC OF KOREA**

In-seong HAN  
National Institute of Fisheries Science  
105-702, 182 yangun-ro, Haeundae-gu  
Busan  
Republic of Korea  
Tel.: +82-51-720-2230  
E-mail: hisjamstec@korea.kr



Nam Ouk KIM  
Korea Meteorological Administration  
61 16-gil Yeouidaebang-ro Dongjak-gu  
Seoul  
Republic of Korea  
Tel.: +82-2-2181-0391  
E-mail: nokim@kma.go.kr

Sukhui LEE  
Korea Marine Environment Management  
Corporation  
Songpadae-ro 28-gil, Songpa-gu  
Seoul  
Republic of Korea  
Tel.: +82-2-3498-8742  
E-mail: suki@koem.or.kr

Won Sang LEE  
Korea Polar Research Institute  
26, Songdomirae-ro Yeonsu-gu  
Incheon  
Republic of Korea  
Tel.: +82-32-760-5407  
E-mail: wonsang@kopri.re.kr

Junhee LEE  
Korea Meteorological Administration  
61 16-gil Yeouidaebang-ro Dongjak-gu  
Seoul  
Republic of Korea  
Tel.: +82-2-2181-0401  
E-mail: joon6210@korea.kr

Jieun PARK  
Korea meteorological Administration  
61 yeouidaebang-ro 16-gil, Dongjak-gu  
Seoul  
Republic of Korea  
Tel.: +82-2-2181-0403  
E-mail: jieuni@korea.kr

#### **RUSSIAN FEDERATION**

Tatiana DMITRIEVA  
Federal Service for Hydrometeorology and  
Environmental Monitoring  
NovovaganĀčkovsky Street, 12  
Moscow  
Russian Federation  
Tel.: +7 499 795 2088  
E-mail: dmtanya@mail.ru

Vladimir SEMENOV  
A.M. Obukhov Institute of Atmospheric Physics  
Russia, 119017, Moscow, Pyzhevsky per., 2,  
Moscow  
Russian Federation  
Tel.: +7 (495) 951-55-65  
E-mail: vasemenov@mail.ru

#### **SAINT KITTS AND NEVIS**

Cheryl JEFFERS  
Department of Environment  
Cnr Central and New Street  
Basseterre  
Saint Kitts and Nevis  
Tel.: +18694668535  
E-mail: jeffers31@gmail.com

Anselmo XAVIER FERNANDES  
National Institute Of Meteorology  
BP30 Airport  
Sao Tomé  
Sao Tome and Principe  
Tel.: +2392224840  
E-mail: [axfernandes66@hotmail.com](mailto:axfernandes66@hotmail.com)

Alexander NAUELS  
Climate Analytics  
gGmbH Ritterstrasse 3  
Berlin  
Germany  
Tel.: +49 (0)30 259 22 95-41  
E-mail: alex.nauels@climateanalytics.org

Carl-friedrich SCHLEUSSNER  
Climate Analytics  
Ritterstr. 3, 10969  
Berlin  
Germany  
Tel.: +491775141559  
E-mail: carl.schleussner@climateanalytics.org

#### **SAUDI ARABIA**

Mona ALATTAS  
Ministry of Energy, Industry and Mineral  
Resources  
MEIM  
Daharan  
Saudi Arabia  
Tel.: +966507942463  
E-mail: Mona.Attas@meim.gov.sa

Rawan ALFEHAID  
Ministry of Energy, Industry and Mineral  
Resources  
P.O.Box 247  
Riyadh  
Saudi Arabia  
Tel.: +966553799660  
E-mail: alfehaidr@gmail.com

Bushra ALHINAI  
Ministry of Energy, Industry and Mineral  
Resources  
P.O.Box 247  
Riyadh  
Saudi Arabia  
Tel.:+966555351304  
E-mail: bushra.hinai@meim.gov.sa

Omar ALMULHEM  
Ministry of Energy, Industry and Mineral  
Resources  
P.O.Box 6369  
Dhahran  
Saudi Arabia  
Tel.:+966557376777  
E-mail: Omer.almulhem@meim.gov.sa

Hesham ALZHRANI  
Ministry of Energy  
P.O.Box 247  
Dhahran  
Saudi Arabia  
Tel.:+966553889002  
E-mail: Hesham.Zahrani@meim.gov.sa

Ayman SHASLY  
Ministry of Petroleum and Mineral Resources  
P.O.Box 05347  
Dhahran  
Saudi Arabia  
Tel.:+96638733255  
E-mail: ayman.shasly@gmail.com

Albara TAWFIQ  
Ministry of Energy, Industry and Mineral  
Resources  
P.O. Box. 6360, Code 31311  
Dhahran  
Saudi Arabia  
Tel.:+966504996010  
E-mail: albara\_tawfiq@hotmail.com

#### **SEYCHELLES**

Will AGRICOLE  
Ministry of Environment, Energy and Climate  
Change  
Botanical Garden  
Victoria, Mahe  
Seychelles  
Tel.:+2484670500  
E-mail: w.agricole@meteo.gov.sc

#### **SINGAPORE**

Tan CARYN  
Ministry of the Environment and Water Resources  
40 Scotts Road, #24-00 Environment Building  
Singapore 228231  
Singapore  
Tel.:+65 67319891  
E-mail: caryn\_tan@mewr.gov.sg

Winston CHOW  
School of Social Sciences, Singapore  
Management University  
90 Stamford Road, Level 4, Singapore  
Management University  
Singapore  
Tel.:+68261277  
E-mail: winstonchow@smu.edu.sg

#### **SOUTH AFRICA**

Itchell GUINEY  
Department of Environmental Affairs  
Private Bag X 447  
Pretoria 0002  
South Africa  
Tel.:+27123999180  
E-mail: IGuiney@environment.gov.za

#### **SPAIN**

Pino Maeso ALFONSO  
Ministry for Ecological Transition  
Calle Alcalá 92  
Madrid  
Spain  
Tel.:+34914361498  
E-mail: apinomae@miteco.es

Martinez Castro IVAN  
Ministry for Ecological Transition  
C/ Alcalá 92  
Madrid  
Spain  
Tel.:+34914361525  
E-mail: imartinez@miteco.es

Parmentier REMI  
Varda Group  
Calle de la Rioja 19, 28042 Madrid  
Madrid  
Spain  
Tel.:+34913692990  
E-mail: remi@vardagroup.org

## **SRI LANKA**

Athula Kumara KARUNANAYAKE  
Department of Meteorology  
383, Bauddhaloka Mawatha, Colombo 07, Sri Lanka  
Colombo  
Sri Lanka  
Tel.: +94112694104  
E-mail: athu1970@yahoo.com

## **SWAZILAND**

Jabulani HLATSHWAYO  
Eswatini Meteorological Service  
P. O. Box 2652  
Mbabane  
Swaziland  
Tel.: +26824046274  
E-mail: jhlatshwayo@gmail.com

## **SWEDEN**

Magnus HIERONYMUS  
SMHI  
Folkborgsvägen 17  
Norrköping  
Sweden  
Tel.: +46703005570  
E-mail: magnus.hieronymus@smhi.se

Lena LINDSTROEM  
SMHI, Swedish Meteorological and Hydrological  
Institute  
Folkborgsv. 17  
Norrköping  
Sweden  
Tel.: +46 (0)11-4958365  
E-mail: lena.lindstrom@smhi.se

Markku RUMMUKAINEN  
SMHI, Swedish Meteorological and Hydrological  
Institute  
Folkborgsv. 17  
Norrköping  
Sweden  
Tel.: +46114958605  
E-mail: markku.rummukainen@smhi.se

## **SWITZERLAND**

José ROMERO  
Federal Office for the Environment (FOEN)  
Papiermühlestrasse 172  
Berne  
Switzerland  
Tel.: +41584626862  
E-mail: Jose.romero@bafu.admin.ch

## **TAJIKISTAN**

Nasimjon RAJABOV  
Agency for Hydrometeorology, Committee for  
Environmental Protection  
47 Shevchenko Street  
Dushanbe  
Tajikistan  
Tel.: +992372276181  
E-mail: nasim.rajabov@gmail.com

## **THAILAND**

Suriyan SARAMUL  
Chulalongkorn University  
Department of Marine Science, Faculty of Science,  
Chulalongkorn University  
Bangkok  
Thailand  
E-mail: Suriyan.S@Chula.ac.th

## **TOGO**

Kokou SABI  
Université de Lomé  
BP: 1515 FDS-UL  
Lomé  
Togo  
Tel.: +00228 22 36 39 01  
E-mail: sabikokou@yahoo.fr

## **TRINIDAD AND TOBAGO**

Kenneth KERR  
P.O. Box 2141  
National Mail Center  
Piarco  
Trinidad and Tobago  
Tel.: +868 669 4392  
E-mail: k\_kerr45@hotmail.com

## **TURKEY**

Buket AKAY  
Ministry of Environment and Urbanization  
Eskisehir Devlet Yolu (Dumlupinar Bulvari) 9. km.  
No: 278 Cankaya  
Ankara  
Turkey  
Tel.: +903125863164  
E-mail: buket.akay@csb.gov.tr

Ayşe YILDIRIM COSGUN  
Delegate  
Directorate General for Water Management  
Ministry of Agriculture and Forestry  
Ankara  
Turkey  
Tel.: +903122076397  
E-mail: ayse.yildirimcosgun@tarimorman.gov.tr

## **UGANDA**

James MAGEZI-AKIKI  
Uganda national Meteorological Authority  
P.O. Box 7025  
Kampala  
Uganda  
Tel.:+256 414 259455  
E-mail: mageziakiikibj@yahoo.co.uk

## **UNITED KINGDOM**

Jolene COOK  
Department for Business, Energy and Industrial  
Strategy  
1 Victoria Street  
London  
UK  
Tel.:+44 (0)300 068 5589  
E-mail: jolene.cook@beis.gov.uk

Tarquin DORRINGTON  
Department for Environment, Food and Rural  
Affairs  
Seacole Block, 2 Marsham Street, London, SW1P  
4DF  
London  
UK  
Tel.:+44 208 026 4602  
E-mail: Tarquin.Dorrington@defra.gov.uk

Julie MACLEAN  
Department for Business, Energy and Industrial  
Strategy  
1 Victoria Street  
London  
UK  
Tel.:+44 300 06 86332  
E-mail: julie.maclean@beis.gov.uk

Phil RAYMOND  
UK Department of Business, Energy and Industrial  
Strategy  
1 Victoria Street  
London  
UK  
Tel.:+44 207 215 5212  
E-mail: phil.raymond@beis.gov.uk

Amy WATERSON  
Department for Business, Energy and Industrial  
Strategy  
1 Victoria Street  
London  
UK  
Tel.:+44 7741 701300  
E-mail: amy.watson@beis.gov.uk

Eleanor WEBSTER  
Department for Business, Energy and Industrial  
Strategy  
1 Victoria Street  
London  
UK  
Tel.:+44 207 215 5366  
E-mail: eleanor.webster@beis.gov.uk

## **UKRAINE**

Svitlana KRAKOVSKA  
Ukrainian Hydrometeorological Institute  
Prospekt Nauki, 37  
Kyiv  
Ukraine  
Tel.:'+380445258630  
E-mail: Krasvit@ua.fm

## **UNITED REPUBLIC OF TANZANIA**

Ladislaus CHANGA  
Tanzania Meteorological Agency  
P.O. Box 3056  
Dar es Salaam  
United Republic of Tanzania  
Tel.:+255 759349966  
E-mail: ladislaus.changa@meteo.go.tz

Agnes KIJAZI  
Tanzania Meteorological Agency  
Box 3056 Dar es Salaam  
Dar es Salaam  
United Republic of Tanzania  
Tel.:+255 22 2460706  
E-mail: agnes.kijazi@meteo.go.tz

## **UNITED STATES OF AMERICA**

Farhan AKHTAR  
U.S. Department of State  
2201 C St NW, Suite 2480  
Washington  
United States of America  
Tel.:-4337  
E-mail: AkhtarFH@state.gov

Alice ALPERT  
US Department of State  
2201 C St NW, Suite 2480  
Washington  
United States of America  
Tel.:-7141  
E-mail: alperta@state.gov

Shallin BUSCH  
NOAA  
2725 Martlake Blvd E  
Seattle WA 98125  
United States of America  
E-mail: shallin.busch@noaa.gov

Stephen GRAY  
US Geological Survey  
4210 University Dr  
Anchorage, Alaska  
United States of America  
Tel.:+1 907 301 7830  
E-mail: sgray@usgs.gov

Meredith RYDER-RUDE  
Department of State  
2201 C St NW, OES/EGC, Suite 2480  
Washington, DC  
United States of America  
Tel.:+(202) 647 6740  
E-mail: RyderrudeMV@state.gov

Amy SHIELDS  
US Environmental Protection Agency  
EPA Region 7, 11201 Renner Blvd, Lenexa  
Kansas 66219  
United States of America  
Tel.:+1 913 551 7396  
E-mail: shields.amy@epa.gov

William SWEET  
NOAA  
1305 East West Highway  
Silver Spring MD 20910  
United States of America  
E-mail: william.sweet@noaa.gov

David DOKKEN  
IPCC WG2 TSU  
1717 Pennsylvania Ave., NW  
Washington, DC  
United States of America  
Tel.:+ 12024193473  
E-mail: ddokken@ipcc-wg2.gov

#### **UZBEKISTAN**

Raisa TARYANNIKOVA  
The Centre of Hydrometeorological service of the  
Republic of Uzbekistan  
72, 1st Bodomzor Yuli str., Yunusobod distr.  
Tashkent  
Uzbekistan  
Tel.:+998712373511  
E-mail: uzhyet@meteo.uz

#### **VENEZUELA**

Meimalin MORENO VILLALOBOS  
Venezuelan Institute for Scientific Research  
Carretera Panamericana Km 11  
Caracas 1020-A  
Venezuela  
Tel.:+58 416 8337795  
E-mail: meimalinmoreno@gmail.com

#### **YEMEN**

Abdulqader ALKHARRAZ  
Ministry of Water and Environment  
Aden , khormaksar , 22 villa  
Aden  
Yemen  
Tel.:+967777479801  
E-mail: k-ecc@hotmail.com

#### **ZAMBIA**

Carol Mwape ZULU  
Ministry of Lands and Natural Resources  
P.O. Box 50694 Lusaka  
Lusaka  
Zambia  
Tel.:+260211252589  
E-mail: cmwapezulu@gmail.com

#### **ZIMBABWE**

Elisha Nyikadzino MOYO  
Climate Change Management Department  
Ministry of Lands, Agriculture, Water, Climate and  
Rural Resettlement 11th Floor, Kaguvi Building,  
Corner 4th Street/Central Avenue,  
Harare  
Zimbabwe  
Tel.:+2634701681  
E-mail: enmoyo@gmail.com

#### **OBSERVERS**

##### **AirClim**

Marko RAINIKAINEN  
AirClim  
Första Långgatan 18  
413 28 Göteborg  
Sweden  
Tel.:+460730434715  
E-mail: marko.reinikainen@airclim.org

## **Climate Nexus US**

Emma HUTCHINSON  
Climate Nexus  
322 8th Ave, Suite 601, New York, NY 10001  
New York  
United States of America  
Tel.: +1 303-903-0597  
E-mail: ehutchinson@climatenexus.org

Gabrielle LEVY  
Climate Nexus US  
1140 Connecticut Ave. NW, Suite 609,  
United States of America  
Tel.: +1 562-673-6974  
E-mail: glevy@climatenexus.org

## **European Commission**

Attilio GAMBARDELLA  
CDMA 03/124,  
1049 Brussels  
Belgium  
Tel.: +32 229-93110  
E-mail: Attilio.GAMBARDELLA@ec.europa.eu

Zoltan RAKONCZAY  
Rue du Champ de Mars 21  
Brussels  
Belgium  
Tel.: +32 229-57522  
E-mail: Zoltan.RAKONCZAY@ec.europa.eu

Philippe TULKENS  
Rue Champ de Mars 21  
Brussels  
Belgium  
Tel.: +32 229-86323  
E-mail: Philippe.TULKENS@ec.europa.eu

## **European Union**

Miles PERRY  
Avenue de Beaulieu 24  
Brussels  
Belgium  
Tel.: +3222964483  
E-mail: miles.perry@ec.europa.eu

## **Climate Action Network International**

Stephan SINGER  
Rue Albert Delatour 30  
Brussels  
Belgium  
Tel.: +32496550709  
E-mail: ssinger@climatenetwork.org

## **Greenpeace East Asia**

Taehyun PARK  
Greenpeace East Asia  
6F, 257 Hangang-daero, Yongsan-gu  
Seoul  
Republic of Korea  
Tel.: +82 02 3144 1994  
E-mail: taehyun.park@greenpeace.org

Taehyun PARK  
Greenpeace East Asia  
6F, 257 Hangang-daero, Yongsan-gu  
Seoul  
Republic of Korea  
Tel.: +82 02 3144 1994  
E-mail: taehyun.park@greenpeace.org

Patrick FULLER  
Greenpeace UK  
Canonbury Villas  
London  
UK  
Tel.: +44 02078658100  
E-mail: patrick.fuller@greenpeace.org

Christopher THORNE  
Greenpeace UK  
Canonbury Villas  
London  
UK  
Tel.: +44 02078658100  
E-mail: chris.thorne@greenpeace.org

Mengjiao WANG  
Greenpeace International  
Innovation Centre, Phase 2  
Exeter  
UK  
Tel.: +441392247920  
E-mail: melissa.wang@greenpeace.org

## **Institute of Marine Engineering, Science & Technology (IMarEST)**

Daniel STOKER  
Institute of Marine Engineering, Science & Technology (IMarEST)  
IMarEST, 1 Birdcage Walk  
London  
UK  
Tel.: +00442073822688  
E-mail: daniel.stoker@imarest.org

**International Union of Geodesy and Geophysics (IUGG)**

Franz KUGLITSCH  
Telegrafenberg A17  
Potsdam  
Germany  
Tel.:+49 331 288 1978  
E-mail: fgkugl@gfz-potsdam.de

**IPBES**

Anne LARIGAUDERIE  
IPBES  
UN Campus  
Bonn  
Germany  
Tel.: 492288150571  
E-mail: anne.larigauderie@ipbes.net

**Natural Resources Defense Council**

Mai FUJII  
Natural Resources Defense Council  
40 West 20th Street  
New York  
Japan  
Tel.: -10351  
E-mail: m-fujii@spf.or.jp

Miko MAEKAWA  
Natural Resources Defense Council  
40 West 20th Street  
New York  
Japan  
Tel.: -3813  
E-mail: maekawa@spf.or.jp

Nagisa YOSHIOKA  
Natural Resources Defense Council  
40 West 20th Street  
New York  
Japan  
Tel.: -10338  
E-mail: n-yoshioka@spf.or.jp

Elizabeth SPEER  
Natural Resources Defense Council  
40 West 20th Street  
New York  
United States of America  
Tel.: +1 212 727 4426  
E-mail: lspeer@nrdc.org

**Quaker United Nations Office (QUNO)**

Lindsey COOK  
Quaker United Nations Office (QUNO)  
Annabergerstrasse 195  
Bonn  
Germany  
Tel.: +4922818038202  
E-mail: Lfcook@quno.ch

Detmer KREMER  
Friends World Committee for Consultation  
Quaker United Nations Office, 13 Ave du Mervelet  
Geneva  
Switzerland  
Tel.: +41227484800  
E-mail: detmerkrem@gmail.com

**Third World Network**

Indrajit BOSE  
Third World Network  
J-17, 2nd Floor, Lajpat Nagar Part 3  
New Delhi 110024  
India  
Tel.: 91 11 4052 1773  
E-mail: boseindrajit@gmail.com

**WWF International**

Fernanda VIANA DE CARVALHO  
Priv Morada Sul 821  
Brazilia  
Brazil  
Tel.: +5561982334300  
E-mail: fcarvalho@wwfint.org

Leanne CLARE  
WWF  
275 SLATER STREET, SUITE 810,  
Ottawa, K1P 5H9  
Canada  
Tel.: 613-314-9210  
E-mail: lclare@wwfcanada.org

Peter WINSOR  
WWF  
810-275 Slater Street  
Ottawa, K1P 5H9  
Canada  
Tel.: +1 613-816-8648  
E-mail: pwinsor@wwfcanada.org

Sarah Katharine AZAU  
Observer Organization  
WWF  
Rue du Commerce  
123 1000 Brussels  
Belgium  
Tel.: +32 473 573 137  
E-mail: sazau@wwf.eu

Linwood PENDLETON  
WWF  
Rue Dumont d'Urville,  
Plouzané, 29280  
France  
Tel.:+33 (0)7 82 83 18 23  
E-mail: linwood.pendleton@wwf.org

Heike VESPER  
Observer Organization  
WWF  
Monckebergstr 27  
Hamburg  
Germany  
Tel.:+49 40 530 200 323  
E-mail: heike.vesper@wwf.de

Reinhold PAPE  
Observer Organization  
Norra Allegatan 5  
41301  
Goteborg  
Sweden  
Tel.:+0046-31-7114515  
E-mail: reinhold.pape@snf.se

Roderick Hamish Downie DOWNIE  
Observer Organization  
WWF-UK  
WWF UK The Living Planet Centre Rufford House,  
Brewery Rd,  
Woking GU21 4LL  
UK  
Tel.:+01483 426444  
E-mail: rdownie@wwf.org.uk

Lauren Claire DUVEL  
Observer Organization  
WWF  
Avenue du Mont-Blanc 27  
Gland  
UK  
Tel.:+44 78 4614 331  
E-mail: lduvel@wwfint.org

#### **United Nations Environment Programme (UNEP)**

Jian LIU  
United Nations Environment Programme  
P.O. Box 30552  
Nairobi  
Kenya  
Tel.:+254 20 7623251  
E-mail: jian.liu@un.org

#### **UNFCCC**

Iulian Florin VLADU  
UNFCCC  
Plaz der Vereinten Nationen 1, 53113  
Bonn  
Germany  
Tel.:+49 (228)815-1422  
E-mail: [fvladu@unfccc.int](mailto:fvladu@unfccc.int)

#### **World Meteorological Organization**

Elena MANAENKOVA  
WMO  
7bis Av. de la Paix  
1211 Geneva  
Switzerland  
Tel.:+4122 730 8300  
E-mail: emanaenkova@wmo.int

#### **REPORT AUTHORS**

Nerilie ABRAM  
Australian National University  
ANU College of Science  
Canberra ACT 2600  
Australia  
Tel.:+33 4 93 76 3859  
E-mail: nerilie.abram@anu.edu.au

Nathaniel Lee BINDOFF  
University of Tasmania  
Hobart, 20 Castray Esplanade, Battery Point  
Tasmania 7004  
Australia  
Tel.:+61362262986  
E-mail: n.bindoff@utas.edu.au

Kathleen MCINNES  
CSIRO Oceans and Atmosphere  
Marktstraße 3  
Bremen  
Australia  
Tel.:+61392394569  
E-mail: kathleen.mcinnes@csiro.au

William CHEUNG  
The University of British Columbia  
Aquatic Ecosystem Research Laboratory, 2202  
Main Mall  
Vancouver BC V6t 1Z4  
Canada  
Tel.:16048273756  
E-mail: w.cheung@oceans.ub.ca



Chris DERKSEN  
Climate Research Division, Environment and  
Climate Change Canada  
4905 Dufferin St., 4thFloor, Office 4n611  
Ontario, Toronto  
Canada  
Tel.:416-739-5804  
E-mail: Chris.Derksen@canada.ca

Valeria Ana GUINDER  
Instituto Argentino de Oceanografía  
Camino La Carrindanga km 7, 8000, Bahía Blanca  
Buenos Aires  
Argentina  
Tel.:'+542914861112  
E-mail: vginder@criba.edu.ar

Sherilee HARPER  
University of Alberta  
3-521 Edmonton Clinic Health Academy, 11405-  
87 Ave.  
Alberta, T6G 1C9  
Canada  
Tel.: -4639  
E-mail: sherilee.harper@ualberta.ca

Lijing CHENG  
Institute of Atmospheric Physics, Chinese Academy  
of Sciences  
Institute of Atmospheric Physics, Chinese  
Academy of Sciences, Chao Yang District  
Beijing 1000029  
China  
Tel.:+86 13466723988  
E-mail: chenglij@mail.iap.ac.cn

Helene JACOT DES COMBES  
The University of the South Pacific  
Marine Campus  
Suva  
Fiji  
Tel.:+679 323 2192  
E-mail: helenejdc@hotmail.com

Jean-pierre GATTUSO  
Massey University, CNRS-Sorbonne Université  
181 Chemin du Lazaret  
F-06230 Villefranche - sur- mer  
France  
Tel.:'+33493763859  
E-mail: gattuso@obs-vlfr.fr

Alexandre MAGNAN  
Institute for Sustainable Development and  
International Relation  
41 rue du Four  
75006 Paris  
France  
Tel.:(+33) 6 68 60 75 39  
E-mail: alexandre.magnan@iddri.org

Samuel MORIN  
Météo- France - CNRS, Director of the Snow  
Research Center  
1441 rue de la piscine  
38400 St. Martin d'heres, Paris  
France  
Tel.:+33 4 76 63 79 03  
E-mail: samuel.morin@meteo.fr

Matthias GARSCHAGEN  
Ludwig-Maximilians-Universität München  
Luisenstrasse 37  
München  
Germany  
Tel.:+492288150289  
E-mail: m.garschagen@lmu.de

Jochen HINKEL  
Global Climate Forum  
Neue Promenade 6  
10178, Berlin  
Germany  
Tel.:+49 30-2060738-20  
E-mail: hinkel@globalclimateforum.org

Zita SEBESVARI  
United Nations University, Institute for  
Environment and Human Security  
Platz der Vereinten Nationen 1,  
D-53113 Bonn  
Germany  
Tel.:047148312441  
E-mail: sebesvari@ehs.unu.edu

Anjal PRAKASH  
TERI School of Advanced Studies  
Hyderabad Campus Sy. No. 37/1/2, Gopanpally,  
Gachibowli  
Telangana, 500032  
India  
Tel.:+9779818672578  
E-mail: anjal.prakash@terisas.ac.in

Yukiko HIRABAYASHI  
IIS, The University of Tokyo  
Shibaura Institute of Technology  
3-7-5 Toyosu, Koto-ku, Tokyo  
Japan  
Tel.:+49 0741 4831-2441  
E-mail: hyukiko@rainbow.iis.u-tokyo.ac.jp

James KAIRO  
Kenya Marine and Fisheries Research Institute  
P.O. Box 81651  
Mombasa,  
Kenya  
Tel.:'+254722798468  
E-mail: gkairo@yahoo.com

Evelia RIVERA-ARRIAGA  
Institute EPOMEX  
UAC. Campus 6, Av. Héroe de Nacozari No. 480  
San Francisco de Campeche, Camp. 24029  
Mexico  
Tel.:+52 (981)7500024  
E-mail: evrivera@uacam.mx

Nathalie HILMI  
Centre Scientifique de Monaco  
San Francisco de Campeche, Camp. 24029  
St. Claude L1 E7, 06130, Grasse  
Monaco  
Tel.:+'33679701570  
E-mail: hilmi@centrescientifique.mc

Golam RASUL  
International Center for Integrated Mountain  
Development  
Khumaltar, Lalitpur, Kathmandu, Nepal G.P.O. Box  
3226  
G.P.O. Box 3226 Kathmandu,  
Nepal  
Tel.:+977 9 841472058  
E-mail: golam.rasul@icimod.org

Roderik VAN DE WAL  
Utrecht University  
3584CC, Utrecht  
Netherlands  
Tel.:+'31302533259  
E-mail: r.s.w.vandewal@uu.nl

Bruce GLAVOVIC  
Massey University  
Privaate Bag 11222  
Palmerston North 4442  
New Zealand  
Tel.:+'6421856339  
E-mail: b.glavovic@massey.ac.nz

Martin SOMMERKORN  
WWF  
PO Box 6784  
Oslo  
Norway  
Tel.:+47 926 06 995  
E-mail: msommerkorn@wwf.no

Alexey EKAYKIN  
Arctic and Antarctic Research Institute  
38 Bering Str.,  
St. Petersburg, 199397  
Russian Federation  
Tel.:+'48123373162  
E-mail: ekaykin@aari.ru

Carolina ADLER  
Mountain Research Initiative  
CH-3012  
Bern  
Switzerland  
Tel.:41 (0)31 631 51 41  
E-mail: carolina.adler@giub.unibe.ch

Thomas FRÖHLICHER  
University of Bern  
Sidlerstrasse 5,  
Bern  
Switzerland  
Tel.:+'41446339359  
E-mail: froelicher@climate.unibe.ch

Stephan GRUBER  
Carleton University  
1125 Colonel By Drive,  
Ottawa ON K1S 5B6  
Canada  
Tel.:+'41446320352  
E-mail: stephan.gruber@carleton.ca

Michael SUTHERLAND  
University of the West Indies  
St. Augustine  
St. Augustine  
Trinidad and Tobago  
Tel.:+'47148312441  
E-mail: michael.sutherland@sta.uwi.edu

Matthew COLLINS  
University of Exeter  
Laver Building, North Park Road  
Exeter, EX 4 4QE  
UK  
E-mail: M.Collins@exeter.ac.uk

Michael MEREDITH  
British Antarctic Survey  
High Cross Madingley Road  
Cambridge, CB3 0ET  
UK  
Tel.:+44 1223 221586  
E-mail: mmm@bas.ac.uk

Alessandro TAGLIABUE  
University of Liverpool  
4 Brownlow Street  
Liverpool L69 3GP  
UK  
Tel.:+151 794 4096  
E-mail: a.tagliabue@liverpool.ac.uk

Phillip WILLIAMSON  
Report Authors  
Natural Environment Research Council  
University of East Anglia  
NR47TJ, Norwich  
UK  
Tel.:+44 1603 593111  
E-mail: p.williamson@uea.ac.uk

So-min CHEONG  
Report Authors  
University of Kansas  
Lindley Hall, RM 221, 1475 Jayhawk Blvd.,  
Lawrence, KS 66045-7594  
United States of America  
Tel.:+49 0471-4831-2440  
E-mail: somincheong@gmail.com

Rob DECONTO  
University of Massachusetts-Amherst  
Amherst, MA 01003  
United States of America  
Tel.:4135453426  
E-mail: deconto@geo.umass.edu

Robert HALLBERG  
National Oceanic and Atmospheric Administration,  
Geophysical Fluid Dynamics Laboratory  
201 Forrestal Road, Princeton  
New Jersey, 08540-6649  
United States of America  
Tel.:+5351  
E-mail: robert.hallberg@noaa.gov

Regine HOCK  
University of Alaska Fairbanks  
2156 Koyukuk Drive, Fairbanks  
Alaska 99775-7320  
United States of America  
Tel.:+1907 474 7691  
E-mail: rehock@alaska.edu

Anne HOLLOWED  
National Oceanic and Atmospheric Administration,  
Alaska Fisheries Science Center  
7600 Sand Point Way, NE  
Seattle, WA 98115  
United States of America  
Tel.:+1206-526-4223  
E-mail: anne.hollowed@noaa.gov

Michael OPPENHEIMER  
Princeton University  
Geosciences and International Affairs  
Princeton, NJ 08544  
United States of America  
Tel.:+1609-731-1216  
E-mail: omichael@princeton.edu

Ben ORLOVE  
Columbia University  
International Affairs Building, Rm 833  
New York  
United States of America  
Tel.:+12128541543  
E-mail: bso5@columbia.edu

Ted SCHUUR  
Northern Arizona University  
Northern Arizona University, Flagstaff  
AZ, 86011 Arizona  
United States of America  
Tel.:+147148312441  
E-mail: ted.schuur@nau.edu

## SECRETARIAT

Abdalah MOKSSIT  
Secretary of the IPCC  
7bis av. de la Paix  
Geneva  
Switzerland  
Tel.:+4122 730 8574  
E-mail: amokssit@wmo.int

Kerstin STENDAHL  
Deputy Secretary of the IPCC  
7bis Av. de la Paix  
Geneva 1211  
Switzerland  
Tel.:+41 22 7308053  
E-mail: kstendahl@wmo.int

Jesbin BAIDYA  
IPCC  
7bis Avenue de la Paix  
1211 Geneva  
Switzerland  
Tel.:+4122 730 8516  
E-mail: jbaidya@wmo.int

Laura BIAGIONI  
IPCC  
7bis Av. de la Paix  
1211 Geneva  
Switzerland  
Tel.:+4122 730 8522  
E-mail: lbiagioni@wmo.int

Annie COURTIN  
IPCC  
7bis Av. de la Paix  
12 Geneva  
Switzerland  
Tel.:+4122 730 8284  
E-mail: acourtin@wmo.int

Judith EWA  
IPCC  
7bis Avenue de la Paix  
Geneva  
Switzerland  
Tel.:+4122 730 8087  
E-mail: jewa@wmo.int

Joelle FERNANDEZ  
IPCC  
7bis Av. de la Paix  
1211 Geneva  
Switzerland  
Tel.:+4122 730 8254  
E-mail: jfernandez@wmo.int

Jonathan LYNN  
IPCC  
7bis Avenue de la Paix  
Geneva  
Switzerland  
Tel.:+4122 730 8066  
E-mail: jlynn@wmo.int

Andrea PAPUCIDES BACH  
IPCC  
7bis av. de la Paix  
Geneva  
Switzerland  
Tel.:+41792614785  
E-mail: apapucidesbach@wmo.int

Nina PEEVA  
IPCC  
c/o WMO 7bis Av. de la Paix  
Geneva  
Switzerland  
Tel.:+41 22 730 8120  
E-mail: npeeva@wmo.int

Sophie SCHLINGEMANN  
IPCC  
7bis Av. de la Paix  
1211 Geneva  
Switzerland  
Tel.:+4122 730 8533  
E-mail: sschlingemann@wmo.int

Mxolisi E SHONGWE  
IPCC  
7bis Av. de la Paix  
1211 Geneva  
Switzerland  
Tel.:+4122 730 8438  
E-mail: mshongwe@wmo.int

Werani ZABULA  
IPCC  
7bis Av. de la Paix  
IPCC  
1211 Geneva  
Switzerland  
Tel.:+4122 730 8120  
E-mail: wzabula@wmo.int

Jin Mi KIM  
Korea University  
16-gil 61 Yeouidaebangro, Dongjak-gu  
Seoul  
Republic of Korea  
Tel.:+82 2 835 1363  
E-mail: solmy1023@gmail.com

#### **CONFERENCE OFFICER**

Elhousseine GOUAINI  
WMO  
7bis Avenue de la Paix  
Geneva  
Switzerland  
Tel.:+41 22 7308060  
E-mail: egouaini@wmo.int

Adriana OSKARSSON  
WMO  
7bis Av. de la Paix  
Geneva  
Switzerland  
E-mail: aoskarsson@wmo.int

#### **TECHNICAL SUPPORT UNIT AND TASK GROUPS**

Anna PIRANI  
Head, TSU WGI  
Str. Costiera, 11  
Trieste  
Italy  
Tel.:+39 040 224 0111  
E-mail: anna.pirani@universite-paris-saclay.fr

Sarah CONNORS  
WGI TSU  
Route de l'orme des Merisiers  
Saint Aubin  
France  
Tel.:+ 33679087723  
E-mail: sarah.connors@universite-paris-saclay.fr

Melissa GOMIS  
IPCC WGI  
Route de l'orme des Merisiers  
St Aubin  
France  
E-mail: melissa.gomis@universite-paris-saclay.fr

Robin MATTHEWS  
IPCC WGI TSU  
Route de l'Orme des Merisiers  
Saint Aubin  
France  
Tel.:+33 1 69 33 77 23  
E-mail: robin.matthews@universite-paris-saclay.fr

Clotilde PEAN  
IPCC WGI TSU  
Route de l'Orme des Merisiers  
Saint Aubin  
France  
Tel.:+33 1 69 33 77 23  
E-mail: clotilde.pean@universite-paris-saclay.fr

Melinda TIGNOR  
Head, IPCC WGII TSU  
Alfred-Wegener-Institut, Marktstra e 3  
Bremen  
Germany  
Tel.:+49(0)47148312442  
E-mail: melinda.tignor@ipcc-wg2.awi.de

Andr s ALEGR A  
IPCC WGII TSU  
Marktstra e 3  
Bremen  
Germany  
Tel.:+49 152 59062141  
E-mail: andres.alegria@ipcc-wg2.awi.de

Anka FREUND  
IPCC WGII TSU  
Marktstra e 3  
Bremen  
Germany  
Tel.:+49 176 642 91079  
E-mail: anka.freund@ipcc-wg2.awi.de

Martin KUNSTING  
IPCC WGII TSU  
Steenwich 26  
Hamburg  
Germany  
Tel.:+49 040 69 79 45 72  
E-mail: kuensting@kabelmail.de

Stefanie LANGSDORF  
IPCC WGII TSU  
Marktstra e 3  
Bremen  
Germany  
Tel.:+49 1626553441  
E-mail: stefanie.langsdorf@ipcc-wg2.awi.de

Katja MINTENBECK  
IPCC WGII TSU  
Marktstrasse 3  
Bremen  
Germany  
Tel.:+49 471 4831 2439  
E-mail: katja.mintenbeck@ipcc-wg2.awi.de

Maike NICOLAI  
IPCC WGII TSU  
Marktstrasse 3  
Bremen  
Germany  
Tel.:+4947148312445  
E-mail: maike.nicolai@ipcc-wg2.awi.de

Jan PETZOLD  
IPCC WGII TSU  
Marktstra e 3  
28195 Bremen  
Germany  
Tel.:+49 417 4831 2446  
E-mail: jan.petzold@ipcc-wg2.awi.de

Elvira POLOCZANSKA  
Alfred-Wegener-Institut  
Marktstrasse 3  
Bremen  
Germany  
Tel.:+49 471 4831 2443  
E-mail: elvira.poloczanska@ipcc-wg2.awi.de

Bardhyl RAMA  
IPCC WGII TSU  
Marktstrasse 3  
28195 Bremen  
Germany  
Tel.:+49 471 4831 2438  
E-mail: bardhyl.rama@ipcc-wg2.awi.de

Jussi SAVOLAINEN  
IPCC WGII TSU  
Marktstrasse 3  
Bremen  
Germany  
Tel.:+49047148312441  
E-mail: jussi.savolainen@ipcc-wg2.awi.de

Stefan WEISFELD  
IPCC WGII TSU  
Marktstrasse 3  
28195 Bremen  
Germany  
Tel.:+49 471 4831 2441  
E-mail: stefan.weisfeld@ipcc-wg2.awi.de

Nora WEYER  
IPCC WGII TSU  
Marktstrasse 3  
Bremen  
Germany  
Tel.:+49 17651164675  
E-mail: nora.weyer@ipcc-wg2.awi.de

David DOKKEN  
IPCC WGII TSU  
1800 G Street NW Suite 9100  
Washington D.C.  
United States of America  
Tel.:1 202 223 6262  
E-mail: ddokken@usgcrp.gov

Andrew OKEM  
TSU  
IPCC WG II TSU  
University of KwaZulu Natal  
Durban  
South Africa  
Tel.:+27 31 311 7527  
E-mail: okem.ipcc@ukzn.ac.za

Katie KISSICK  
Head IPCC WGIII TSU  
Weeks Building, Imperial College  
London  
UK  
Tel.:+ +44 20 759 41057  
E-mail: k.kissick@ipcc-wg3.ac.uk

Sandro FEDERICI  
TFI Head,C/o Institute for Global Environmental  
Strategies (IGES)  
2108-11 Kamiyamaguchi, 240-0115  
Hayama  
San Marino  
Tel.:+81 46 855 3754  
E-mail: federici@iges.or.jp

### **ENB Reporting Services**

Aaron COSBEY  
ENB  
IISD Reporting Services (ENB)  
Box 850, Rossland, BC, Canada  
Rossland  
Canada  
Tel.:'+12505213059  
E-mail: acosbey@gmail.com

Deborah DAVENPORT  
ENB  
IISD Reporting Services (ENB)  
300 East 56th Street Apt 11D  
New York  
United States of America  
Tel.: -2204  
E-mail: deborah@iisd.org

Maria GUTIERREZ  
ENB  
IISD (ENB)  
40 Barrow street  
New York  
United States of America  
Tel.:+7 985 480 6715  
E-mail: maria@iisd.org

Leila MEAD  
ENB  
IISD Reporting Services (ENB)  
300 East 56th St. Apt 11D  
New York NY 10022  
United States of America  
Tel.:+7 985 480 6715  
E-mail: leila@iisd.org

Michail MOUZOURAKIS  
ENB  
IISD Reporting Services (ENB)  
300 East 56th Street, Apt 11D  
New York  
United States of America  
Tel.:+306976064596  
E-mail: mike@iisd.org