

REPORT OF THE FIFTY-FOURTH (BIS) SESSION OF THE IPCC

Written Session, 14 – 16 December 2021

1. OPENING OF THE SESSION

The Chair opened the 54th (bis) Session of the IPCC through a letter (Ref. 5245-21/IPCC/P54bis) sent to registered delegates of Member countries, Observer Organizations and IPCC Bureau members to welcome them to this written session of the Panel due to the COVID-19 pandemic. He thanked the IPCC members for their flexibility in holding a Plenary Session in a written format. He thanked the IPCC members who have contributed to the IPCC Trust Fund noting that there were some who have increased their contributions.

In his opening letter, he asked delegates to approve the Provisional Agenda ([IPCC-LIV\(bis\)/Doc. 1](#)) for the Session per the silence procedure. He also invited the Finance Task Team (FiTT) to convene the meeting of the FiTT in writing during 14-16 December 2021 to consider the IPCC Trust Fund Programme and Budget noting that the Plenary Session will reconvene in writing to consider and approve the Final Draft Decision of the FiTT per silence procedure, as explained in the [Explanatory Note](#). He invited the FiTT Co-Chairs Amjad Abdulla (Maldives) and Helen Plume (New Zealand), to convene the FiTT and to report back to the Plenary when their deliberations are concluded.

The Co-Chairs of the FiTT opened the meeting of the FiTT on 14 December 2021 through a letter sent to registered delegates of Member countries, Observer Organizations and IPCC Bureau members inviting them to consider the IPCC Trust Fund Programme and Budget, documents [IPCC-LIV\(bis\)/Doc.2, Rev.1](#); [IPCC-LIV\(bis\)/Doc. 2, Add.1](#); [IPCC-LIV\(bis\)/Doc.2, Add.2](#); [IPCC-LIV\(bis\)/Doc. 2, Rev.1, Add.1](#), as well as the Draft Decision made available in PaperSmart. A pre-recorded powerpoint presentation of the document [IPCC-LIV\(bis\)/Doc.2, Rev.1](#) was posted for participants ahead of the session.

Comments made by Australia, China, France, Germany, Republic of Korea and Sweden ahead of the Session, were summarized and addressed in the document IPCC-LIV(bis)/Doc.2/Rev.1. Comments made ranged from clarification on how the IPCC-54 bis (written) session will be conducted, specific contributions to the IPCC Trust Fund, support to an Expert Meeting submitted by the Task Force on National Greenhouse Gas Inventories (TFI), and a Workshop on Scenarios submitted by Working Groups I, II and III, flexibility in the use of Trust Fund resources for virtual meetings, and other arrangements to appreciation for the IPCC Newsletter and general statements of overall support to the IPCC.

2. IPCC TRUST FUND PROGRAMME AND BUDGET

2.1. Budget for the years 2021, 2022, 2023 and 2024

The FiTT deliberations took place in a written format over the course of three days from 14-16 December 2021.

On the first day, delegates were requested to provide comments to the documents IPCC-LIV(bis)/Doc.2, Rev.1 and the Draft Decision. A total of six comments were received from Belgium, Canada, China, Finland, Japan and Switzerland on the IPCC-LIV(bis)/Doc.2, Rev.1. The comments ranged from requests for adjustments/clarifications on contributions, requests for flexibility in the 2022 budget to adapt to different formats for the 55th Session of the IPCC and the 56th Session of the IPCC due to the COVID-19 pandemic, request to include more meetings in the budgets for 2023 and 2024 for the Seventh Assessment cycle, support for the Task Force on National Greenhouse Gas Inventories (TFI) Expert Meeting on the Use of Atmospheric Observation Data in Emission Inventories

to a suggestion to hold more discussions in the future on Data Distribution Centres (DDC) to ensure continuity of their services.

A total of eight comments were received from Belgium, Canada, Egypt, Germany, Netherlands, Norway, Saudi Arabia and United States of America on the Draft Decision. The comments focused on the following areas: (a) revisions to budgets for 2021 and 2022, (b) contributions to the IPCC Trust Fund, (c) support for the proposed Expert Meeting on the Use of Atmospheric Observation Data in Emission Inventories submitted by the TFI, (d) support for the proposed Workshop on Scenarios submitted by Working Groups I, II and III, (e) flexibility in the use of Trust Fund resources for virtual meetings including connectivity, health safety measures related to COVID-19, and other arrangements and (f) general statement of overall support to the IPCC. The Secretariat responded to the comments in written format and revised the decision accordingly and posted it in PaperSmart for further comments and feedback.

On day two, delegates were requested to make comments in written format on the revised Draft Decision posted in PaperSmart. A total of eight comments were received from Belgium, Canada, France, Germany, Norway, Switzerland, United Kingdom and United States of America. Most of the comments highlighted the request for the 57th Session of the IPCC and the 57th (bis) Session of the IPCC to be held back-to-back and the budget for the latter meeting to be reduced. One comment sought clarification as to whether the costs for interpretation were included in the budget allotment for the 55th and 56th Sessions of the IPCC. Another comment requested that the Strategic Planning Schedule be updated. There was a comment about ensuring that the associated costs related to the activities of the Ad-Hoc Group on the Elections is foreseen in the budget. Another comment sought clarification as to why there was no budget allotment in the 2023 forecast budget for a special report on cities. The Secretariat responded to the comments in written format and revised the draft decision accordingly and posted it in PaperSmart for further comments and feedback.

On the third day, delegates were requested to make comments on the further revised Draft Decision. No further comments were received on the Draft Decision. General comments of appreciation to the FiTT Co-chairs and the IPCC Secretariat were provided by France, Germany, Netherlands, Norway, Republic of Korea, United Kingdom and United States of America.

Over the three days, the FiTT agreed on:

- the revisions to the 2021 budget.
- the proposed 2022 budget.
- the forecast budget for 2023 and the indicative budget for 2024.

Through a letter sent on 16 December the FiTT Co-Chairs shared the Final Draft Decision with the Chair of IPCC as agreed by the FiTT.

4. CLOSING OF THE SESSION

Through his letter to delegates sent on 17 December 2021 (Ref: 5248-21/IPCC/P54bis) with the Final Draft Decision of the FiTT, the Chair confirmed to the delegates that the Provisional Agenda of the Session (IPCC-LIV(bis)/Doc. 1) had been adopted.

The Chair through a letter (Ref. 5250-21/IPCC/P54bis) sent on 20 December 2021 that confirmed the adoption of the Final Draft Decision following the expiration of the 72-hour silence procedure period, announced the end of the 54th (bis) Session of the IPCC.

In the letter, the Chair thanked delegates for their flexibility and the collegial spirit demonstrated in this Session addressing the IPCC Trust Fund Programme and Budget, ensuring a healthy and solid financial base for the work of the IPCC in these challenging time and the successful completion of the Sixth Assessment Report cycle.

He expressed deep gratitude to the Secretary of the IPCC and his team for their hard work in preparing for the Session.

The Session closed at 09:55 a.m. on Monday 20 December 2021.

54TH (BIS) SESSION OF THE IPCC

14– 16 December 2021 (Written Session)

Decisions adopted by the Panel**Decision IPCC-LIV(bis)-1. Adoption of the Provisional Agenda***Documents: IPCC-LIV(bis)/Doc.1 and IPCC-LIV(bis)/Doc.1, Add.1*

The Intergovernmental Panel on Climate Change at its 54th (bis) Session adopts the provisional agenda as contained in document IPCC-LIV(bis)/Doc.1.

Decision IPCC-LIV(bis)-2. IPCC Trust Fund Programme and Budget for the years 2021, 2022, 2023 and 2024*Documents: IPCC-LIV(bis)/Doc. 2, Rev. 1; IPCC-LIV(bis)/Doc.2, Add. 1; IPCC-LIV(bis)/Doc.2, Add. 2 and IPCC-LIV(bis)/Doc.2, Rev.1, Add. 1*

Based on the recommendations of the Financial Task Team (FiTT), the 54th (bis) Session of the Intergovernmental Panel on Climate Change:

1. Takes into account the ongoing exceptional circumstances related to the global coronavirus disease (COVID-19) pandemic, and without setting a precedent;
2. Appreciates the support that the Secretariat of the IPCC provides to the IPCC process, while especially noting the challenges imposed by the global COVID-19 pandemic;
3. Appreciates the extraordinary contribution and commitment of authors, Working Group Bureaux, Task Force Bureau on National Greenhouse Gas Inventories, Technical Support Units, and the Scientific Steering Committee to the Synthesis Report, including working through virtual means, under these exceptionally challenging circumstances;
4. Notes the basis for the significant reduction in the 2021 budget is due to implications of the COVID-19 pandemic, including travel restrictions and the inability to hold meetings in-person, which resulted in meetings either being held in virtual mode, being cancelled or being postponed to 2022 or 2023;
5. Approves the revised budget for 2021, as contained in **Annex 1**, while recognizing the exceptional circumstances arising from the COVID-19 pandemic resulted in a lower utilization of the budget;
6. Approves the proposed budget for 2022, as contained in **Annex 2**;

7. Notes the forecast budget for 2023, as contained in **Annex 3**;
8. Notes the indicative budget for 2024, as contained in **Annex 4**;
9. Welcomes with gratitude all contributions and pledges from member countries, especially from developing countries, UN bodies and intergovernmental organizations and encourages all members of the IPCC to maintain or increase their financial support, also through multi-year pledges, so as to ensure the financial stability of the IPCC;
10. Encourages member countries to make first-time contributions to the IPCC Trust Fund in order to broaden the donor base;
11. Expresses its gratitude to member countries that support the Technical Support Units (TSUs) and a number of IPCC activities, including data centres, meetings and outreach activities;
12. Encourages member countries to transfer funds as soon as practical, while noting that contributions from IPCC members are due on 1 January of each calendar year, noting that when transferring funds to WMO, members should indicate that the contribution is “for the IPCC Trust Fund” to ensure proper identification of the recipient;
13. Notes with concern the decline in the level of annual voluntary contributions to the IPCC Trust Fund in 2021 compared to 2020 (as shown in IPCC-LIV(bis)/Doc. 2, Rev.1, Annex 4) and calls on member countries to make their annual contributions to the IPCC Trust Fund and, if possible, to increase their annual voluntary contributions;
14. Expresses its gratitude to the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP) for their cash contribution to the Trust Fund, for financing one Secretariat position each, and to WMO for hosting the Secretariat and for its continuing and increased support for the IPCC;
15. Expresses its gratitude to the United Nations Framework Convention on Climate Change (UNFCCC) for its contribution to the IPCC Trust Fund;
16. Decides to continue preparing the budget of the IPCC Trust Fund using the standard costs, bearing in mind that expenditures may be lower than the budget;
17. Requests the Secretariat to provide detailed information in the budget document presented to the Panel;
18. Requests that the Secretariat presents, in addition to statements according to IPSAS, the statement of financial position and financial performance on a modified cash basis which categorizes expenditures per activity as well as by natural account;
19. Requests the Secretariat to provide the Panel with interim statements of expenditure covering the first six months of a given year, as well as the projection of expenditure for the rest of the given year;

20. Decides to allow the use of Trust Fund resources in 2022 for enhancing security, participation and IT-related needs in meetings, including reimbursing the cost of connectivity improvement, travel-related health and sanitary measures and other arrangements to enable participation of the delegates and experts from developing countries and countries with economies-in-transition in the activities of the IPCC, if needed, due to the COVID-19 pandemic. The rates for reimbursement of such costs incurred by such participants will be determined by the Secretariat, in line with WMO rules and regulations;
21. Notes the detailed information provided by the Secretariat on expenditure for activities held virtually due to the COVID-19 pandemic, including those related to connectivity in the IPCC Trust Fund Programme and Budget document presented to the Panel at its 54th (bis) Session and requests the Secretariat to provide such information again to the Panel at its next session;
22. Requests the Secretariat to provide the Panel with interim statements of expenditure, covering the first six months of 2022, if relevant, on expenditure related to holding of virtual meetings due to the COVID-19 pandemic as well as the projection of expenditure for the rest of 2022;
23. Notes the creation of a reserve account in the IPCC Financial Statements and the establishment of the reserve to fund Long-term Employee Benefit Liabilities. (as shown in IPCC 2020 Financial Statements, Note 3.10: Reserve for ASHI, para 80);
24. Approves the associated costs for the Workshop on Scenarios¹, to be held in 2022, as proposed by the Co-Chairs of Working Groups I, II and III (see **Annex 2**);
25. Approves the associated costs regarding the Expert Meeting on the Use of Atmospheric Observation Data in Emission Inventories², to be held in 2022, as proposed by the Task Force on National Greenhouse Gas Inventories (TFI) (see **Annex 2**);
26. Approves the cost of the survey³ to be conducted in 2022 on “*Inclusive and participatory practices including as they relate to gender in the IPCC*”, as proposed by the Chair and Vice Chair of Gender Action Team (see **Annex 2**);
27. Recalling Decision IPCC-XLVII-9, para 5, requests the TG-Data Co-Chairs to seek guidance from the Secretariat and the IPCC Bureau in mobilizing resources, including in-kind contributions, for their activities and for the Data Distribution Centre (DDC), and to provide the Secretariat with cost estimates for the activities outlined in their workplan;
28. Invites member countries and observer organizations to consider supporting the activities of the DDC.

¹ The deviation from normal practice is due to the exceptional circumstances of COVID-19 and not intended to set a precedent.

² The deviation from normal practice is due to the exceptional circumstances of COVID-19 and not intended to set a precedent.

³ The deviation from normal practice is due to the exceptional circumstances of COVID-19 and not intended to set a precedent.

REVISED 2021 BUDGET ADOPTED BY IPCC-LIV bis

| Activity | Purpose | DC/EIT support | Other Expenditure | Sub-total |
|---|---|-----------------------|-------------------|------------------|
| Governing bodies | | | | |
| IPCC-53 bis 4 days | | 0 120 journeys | 70,000 | 70,000 |
| IPCC-54 14 days | AR6 WG I | 40,000 10 journeys | 210,000 | 250,000 |
| IPCC-54 bis 3 days | Programme & budget | 0 0 journeys | 5,000 | 5,000 |
| IPCC-55 5 days | AR6 WG III (moved to 2022) | 0 120 journeys | 0 | 0 |
| IPCC-56 5 days | AR6 WG II (moved to 2022) | 0 120 journeys | 0 | 0 |
| Bureau 5 days | 2 sessions | 0 108 journeys | 30,000 | 30,000 |
| TFB | 1 session | 0 0 journeys | 0 | 0 |
| UNFCCC and other UN meetings | | 80,000 20 journeys | 0 | 80,000 |
| SUB-TOTAL | | | | 435,000 |
| Lead Authors, scoping, expert meetings and workshops | | | | |
| WG I AR6 LAM 4 | CLA/LA meeting | 0 110 journeys | 0 | 0 |
| WG I AR6 SPM Drafting Meeting I | CLA, drafting authors, Co-Chairs (moved from 2020) | 0 30 journeys | 0 | 0 |
| WG I AR6 SPM Drafting Meeting II | CLA, drafting authors, Co-Chairs (back-to-back P-54) | 0 30 journeys | 0 | 0 |
| WG II AR6 LAM 4 | CLA/LA meeting | 0 115 journeys | 0 | 0 |
| WG II AR6 SPM Drafting Meeting I | CLA, drafting authors, Co-Chairs | 0 35 journeys | 0 | 0 |
| WG III AR6 LAM 4 | CLA/LA meeting (moved from 2020) | 0 115 journeys | 0 | 0 |
| WG III AR6 SPM Drafting Meeting I | CLA, drafting authors, Co-Chairs | 0 30 journeys | 0 | 0 |
| WG III AR6 SPM Drafting Meeting II | CLA, drafting authors, Co-Chairs (back-to-back P-56) (moved to 2022) | 0 30 journeys | 0 | 0 |
| SYR AR6 | CWT-1 meeting (moved from 2020) | 0 36 journeys | 0 | 0 |
| SYR AR6 | CWT-2 meeting (moved from 2020) | 0 36 journeys | 0 | 0 |
| SYR AR6 | CWT-3 meeting (move to 2022) | 0 41 journeys | 0 | 0 |
| Expert Meeting - Science of Communicating Science | 1 meeting (moved to 2023) | 0 20 journeys | 0 | 0 |
| TG-Data | 1 meeting | 0 12 journeys | 0 | 0 |
| EFDB Editorial Board | 1 meeting | 0 24 journeys | 0 | 0 |
| EFDB Data meeting | 1 meeting | 0 10 journeys | 0 | 0 |
| EFDB and Software Users Feedback (Japan) | 1 meeting (cancelled) | 0 0 journeys | 0 | 0 |
| TFI Expert Meeting on Short-lived Climate Forcers | 2 meetings | 0 80 journeys | 0 | 0 |
| TFI Expert meeting | 1 meeting (contingency) - cancelled | 0 25 journeys | 0 | 0 |
| SUB-TOTAL | | | | 0 |
| Other Expenditure | | | | |
| 2006 GL software | maintenance/development (move to 2022) | | | 0 |
| EFDB maintenance | update/management (move to 2022) | | | 0 |
| Publications/Translations | IPCC publications (WG I/WGII/WGIII/SRs) | | | 800,000 |
| Communication I | AR6 material/travel/events | | | 290,000 |
| Communication II | AR6 outreach events* (move to 2023 & 2024) | | | 0 |
| Distribution | IPCC publications | | | 100,000 |
| IT Infrastructure | web hosting/cloudflare/upgrades | | | 40,628 |
| External Audit | fee | | | 20,000 |
| Advisory Services | Conflict of Interest | | | 15,000 |
| Co-Chairs | support | | | 200,000 |
| SUB-TOTAL | | | | 1,465,628 |
| Secretariat | | | | |
| Secretariat | staff costs/misc expenses | | | 2,037,500 |
| Resource Mobilization | travel costs (Phase II: 2020-2022) | | | 0 |
| SUB-TOTAL | | | | 2,037,500 |
| TOTAL | | | | 3,938,128 |

All activities subject to Panel approval in IPCC-54 bis

* Regional/local events
Revised/new activity

PROPOSED 2022 BUDGET ADOPTED BY IPCC-LIV bis

| Activity | Purpose | DC/EIT support | Other Expenditure | Sub-total |
|--|---|-------------------------|-------------------|------------------|
| Governing bodies | | | | |
| IPCC-55 ¹ 5 days | AR6 WG II | 480,000 120 journeys | 350,000 | 830,000 |
| IPCC-56 ¹ 5 days | AR6 WG III | 480,000 120 journeys | 350,000 | 830,000 |
| IPCC-57 5 days | SYR AR6 | 480,000 120 journeys | 350,000 | 830,000 |
| IPCC-57 bis ⁵ 4 days (back-to-back with IPCC-57) | Governance & Preparation - Elections | 216,000 120 journeys | 280,000 | 496,000 |
| IPCC-59 4 days | (contingency) (move to 2023) | 0 120 journeys | 0 | 0 |
| Bureau 4 days | 2 sessions | 288,000 72 journeys | 120,000 | 408,000 |
| TFB | 1 session | 36,000 9 journeys | 6,120 | 42,120 |
| UNFCCC and other UN meetings | | 80,000 20 journeys | 0 | 80,000 |
| SUB-TOTAL | | | | 3,516,120 |
| Lead Authors, scoping, expert meetings and workshops | | | | |
| WG II AR6 SPM Drafting Meeting II | CLA, drafting authors, Co-Chairs (back-to-back P-56) (moved from 2021) | 140,000 35 journeys | 23,800 | 163,800 |
| WG III AR6 SPM Drafting Meeting II | CLA, drafting authors, Co-Chairs (back-to-back P-56) (moved from 2021) | 120,000 30 journeys | 20,400 | 140,400 |
| WG III Workshop on Scenarios ² | 1 meeting | 240,000 60 journeys | 40,800 | 280,800 |
| SYR AR6 | CWT-3 meeting (moved from 2021) | 164,000 41 journeys | 27,880 | 191,880 |
| SYR AR6 | CWT-4 meeting (moved from 2021) | 164,000 41 journeys | 27,880 | 191,880 |
| TG-Data | 1 meeting | 48,000 12 journeys | 8,160 | 56,160 |
| EFDB Editorial Board | 1 meeting | 96,000 24 journeys | 16,320 | 112,320 |
| EFDB Data meeting | 2 meetings | 80,000 20 journeys | 13,600 | 93,600 |
| EFDB and Software Users Feedback (Japan) | 1 meeting | 44,000 11 journeys | 0 | 44,000 |
| TFI Expert Meeting on Short-lived Climate Forcers | 1 meeting | 160,000 40 journeys | 27,200 | 187,200 |
| TFI Scoping Meeting on Short-lived Climate Forcers | 1 meeting (move to 2023) | 0 40 journeys | 0 | 0 |
| TFI Expert Meeting on Atmospheric Observation data in Emission Inventories ³ | 1 meeting | 160,000 40 journeys | 27,200 | 187,200 |
| SUB-TOTAL | | | | 1,649,240 |
| Other Expenditure | | | | |
| 2006 GL software | maintenance/development | | | 30,000 |
| EFDB maintenance | update/management | | | 70,000 |
| Publications/Translations | IPCC publications (WGII/WGIII/SYR/TFI) | | | 600,000 |
| Gender Action Team ⁴ - Survey | Consultancy | | | 40,000 |
| Communication I | AR6 material/travel/events | | | 672,040 |
| Communication II* | AR6 outreach events* | | | 150,000 |
| Distribution | IPCC publications | | | 100,000 |
| IT Infrastructure | web hosting/cloudflare/upgrades | | | 13,128 |
| External Audit | fee | | | 20,000 |
| Advisory Services | Conflict of Interest | | | 15,000 |
| Co-Chairs | support | | | 200,000 |
| SUB-TOTAL | | | | 1,910,168 |
| Secretariat | | | | |
| Secretariat | staff costs/misc expenses | | | 2,037,500 |
| Resource Mobilization | travel costs (Phase II: 2020-2022) | | | 15,800 |
| SUB-TOTAL | | | | 2,053,300 |
| TOTAL | | | | 9,128,828 |

All activities subject to Panel approval in IPCC-54 bis

* Regional/local events

Revised/new activity

Footnotes

¹ This meeting was originally scheduled for 2021 but due to COVID-19 it has been tentatively moved to 2022 (dates are to be confirmed).

² Subject to Panel approval. Document submitted by WGIII for Panel approval.

³ Subject to Panel approval. Document submitted by TFI for Panel approval.

⁴ Subject to Panel approval. Document submitted by Gender Action Team for Panel approval.

⁵ Funding may be adjusted and combined with IPCC-57 pending decision on final schedule of these meetings.

FORECAST 2023 BUDGET NOTED BY IPCC-LIV bis

| Activity | Purpose | DC/EIT support | Other Expenditure | Sub-total |
|---|------------------------------------|--------------------------------------|-------------------|------------------|
| Governing bodies | | | | |
| IPCC-58 4 days | Elections | 480,000 120 journeys | 280,000 | 760,000 |
| IPCC-59 4 days | Future of IPCC | 480,000 120 journeys | 280,000 | 760,000 |
| Bureau 4 days | 2 sessions | 288,000 72 journeys | 120,000 | 408,000 |
| TFB | 1 session | 36,000 9 journeys | 6,120 | 42,120 |
| UNFCCC and other UN meetings | | 80,000 20 journeys | 0 | 80,000 |
| SUB-TOTAL | | | | 2,050,120 |
| Lead Authors, scoping, expert meetings and workshops | | | | |
| TG-Data | 1 meeting | 48,000 12 journeys | 8,160 | 56,160 |
| Expert Meeting - Science of Communicating Science | 1 meeting (moved from 2021) | 80,000 20 journeys | 13,600 | 93,600 |
| Expert Meeting on Gender, Inclusivity and Diversity | 1 meeting | 80,000 20 journeys | 13,600 | 93,600 |
| EFDB Editorial Board | 1 meeting | 96,000 24 journeys | 16,320 | 112,320 |
| EFDB Data meeting | 2 meetings | 80,000 20 journeys | 13,600 | 93,600 |
| EFDB and Software Users Feedback (Japan) | 1 meeting | 44,000 11 journeys | 0 | 44,000 |
| TFI Scoping Meeting on Short-lived Climate Forcers | 1 meeting (moved from 2022) | 160,000 40 journeys | 27,200 | 187,200 |
| TFI Expert meeting | 1 meeting (contingency) | 100,000 25 journeys | 17,000 | 117,000 |
| SUB-TOTAL | | | | 797,480 |
| Other Expenditure | | | | |
| 2006 GL software | maintenance/development | | | 6,000 |
| EFDB maintenance | update/management | | | 7,000 |
| Publications/Translations | IPCC publications | | | 200,000 |
| Communication I | AR6 material/travel/events | | | 745,000 |
| Communication II | AR6 outreach events* | | | 100,000 |
| Distribution | IPCC publications | | | 100,000 |
| IT Infrastructure | web hosting/cloudflare/upgrades | | | 13,128 |
| External Audit | fee | | | 20,000 |
| Advisory Services | Conflict of Interest | | | 15,000 |
| Co-Chairs | support | | | 200,000 |
| SUB-TOTAL | | | | 1,406,128 |
| Secretariat | | | | |
| Secretariat | staff costs/misc expenses | | | 2,037,500 |
| Resource Mobilization | travel costs | | | 15,800 |
| SUB-TOTAL | | | | 2,053,300 |
| TOTAL | | | | 6,307,028 |

All activities subject to Panel approval in IPCC-57 bis

* Regional/local events

Revised/new activity

INDICATIVE 2024 BUDGET NOTED BY IPCC-LIV bis

| Activity | Purpose | DC/EIT support | Other Expenditure | Sub-total |
|---|---------------------------------|-------------------------|-------------------|------------------|
| Governing bodies | | | | |
| IPCC-60 4 days | AR7 plenary | 480,000 120 journeys | 280,000 | 760,000 |
| IPCC-61 4 days | Programme and budget | 480,000 120 journeys | 280,000 | 760,000 |
| Bureau 4 days | 2 sessions | 288,000 72 journeys | 120,000 | 408,000 |
| TFB | 1 session | 36,000 9 journeys | 6,120 | 42,120 |
| UNFCCC and other UN meetings | | 80,000 20 journeys | 0 | 80,000 |
| SUB-TOTAL | | | | 2,050,120 |
| Lead Authors, scoping, expert meetings and workshops | | | | |
| TG-Data | 1 meeting | 48,000 12 journeys | 8,160 | 56,160 |
| EFDB Editorial Board | 1 meeting | 96,000 24 journeys | 16,320 | 112,320 |
| EFDB Data meeting | 2 meetings | 80,000 20 journeys | 13,600 | 93,600 |
| EFDB and Software Users Feedback (Japan) | 1 meeting | 44,000 11 journeys | 0 | 44,000 |
| TFI Expert meeting | 1 meeting (contingency) | 100,000 25 journeys | 17,000 | 117,000 |
| SUB-TOTAL | | | | 423,080 |
| Other Expenditure | | | | |
| 2006 GL software | maintenance/development | | | 6,000 |
| EFDB maintenance | update/management | | | 7,000 |
| Publications/Translations | IPCC publications (SYR) | | | 200,000 |
| Communication | AR6 material/travel/events | | | 745,000 |
| Communication II* | AR6 outreach events | | | 53,960 |
| Distribution | IPCC publications | | | 100,000 |
| IT Infrastructure | web hosting/cloudflare/upgrades | | | 13,128 |
| External Audit | fee | | | 20,000 |
| Advisory Services | Conflict of Interest | | | 15,000 |
| Co-Chairs | support | | | 200,000 |
| SUB-TOTAL | | | | 1,360,088 |
| Secretariat | | | | |
| Secretariat | staff costs/misc expenses | | | 2,037,500 |
| Resource Mobilization | travel costs | | | 15,800 |
| SUB-TOTAL | | | | 2,053,300 |
| TOTAL | | | | 5,886,588 |

All activities subject to Panel approval in IPCC-57 bis

* Regional/local events

Revised/new activity

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

**54th (BIS) SESSION OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE
Written Session 14 to 16 December 2021**

LIST OF PARTICIPANTS

BUREAU MEMBERS

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

ALDRIAN Edvin
Vice-Chair WG I
Agency for Assessment and Application of
Technology
Jl. Angkasa I No. 2, Kemayoran
Jakarta, 10720
Indonesia
Tel.: +62 21 424 8016
E-mail: e_aldrrian@yahoo.com

CALVO Eduardo
Co-Chair TFI
Universidad Nacional Mayor de San Marcos
(UNMSM)
Jr. Nicanor Arteaga 549 San Borja
Lima 41
Peru
Tel.: +51 1 346 2299
E-mail: e13calvo@gmail.com

CARRARO Carlo
Vice-Chair WG III
University of Venice
Ca Foscari, Dorsoduro 3246
Venice, Italy
Tel.: +393356170775
E-mail: ccarraro@unive.it

DADI Diriba Korecha
Vice-Chair WG III
USGS/Famine Early Warning Systems Network
P.O. Box 17403 Addis Ababa Ethiopia
Addis Ababa
Ethiopia
Tel.: +251 116 61 5790
E-mail: dkorecha@yahoo.com

DRIOUECH Fatima
Vice-Chair WG I
University Mohamed VI Polytechnic
Lot 660 – Hay Moulay Rachid
43150 Ben Guerir
Morocco
Tel.: +21 252 2654872
E-mail: driouechfatima@yahoo.fr

FISCHLIN Andreas
Vice-Chair WG II
ETH Zurich
Marktstrasse 3
Bremen
Switzerland
Tel.: +47148312411
E-mail: andreas.fischlin@env.ethz.ch

FUGLESTVEDT Jan
Vice-Chair WG I
Center for International Climate and Environmental
Research Oslo (CICERO)
Pb. 1129 Blindern
Oslo, 0318
Norway
Tel.: +47 22 85 87 64
E-mail: j.s.fuglestvedt@cicero.oslo.no

KRUG Thelma
IPCC Vice-Chair
National Institute for Space Research (INPE)
Coordination of Earth Observation (DSR/OBT)
Avenida dos Astronautas 1758
Sao Jose dos Campos, SP
Brazil
Tel.: +551 232086442
E-mail: thelma.krug@inpe.br

MASSON DELMOTTE Valerie
Co-Chair WG I
Laboratoire des Sciences du Climat et de
l'Environnement (LSCE)
CEA Saclay, Bat. 701
Orme des Merisiers
91191 Gif sur Yvette
France
Tel.: +33 6 79 08 21 22
E-mail: valerie.masson@lsce.ipsl.fr

MENDEZ Carlos
Co-Chair WG II
Science Minister
Kilometro 11, carretera Panamericana
Caracas
Venezuela
Tel.: +58 2125041246
E-mail: carlos.menvall@gmail.com

PEREIRA Joy
Vice-Chair WGII
Southeast Asia Disaster Prevention Research
Institute (SEADPRI-UKM)
Universiti Kebangsaan Malaysia (UKM)
43600 Bangi, Selangor
Malaysia
Tel.: +603 8921 4853 (W)
E-mail: pereirajoy@yahoo.com

PICHS MADRUGA Ramon
Vice-Chair WG III
The Center for Research on the World Economy
(CIEM)
Calle 22 No. 309 entre 3ra y 5ta Ave
Miramar, Habana 13
Cuba
Tel.: +537 2042507
E-mail: rpichs@ciem.cu

PORTNER Hans-Otto
Co-Chair WG III
Alfred-Wegener-Institut
Postfach 12 01 61, Am Handelshafen 12
Bremerhaven 27570
Germany
Tel.: +49 471 4831 2440
E-mail: hans.poertner@awi.de

ROBERTS Debra
Co-Chair, WGII
Sustainable and Resilient City Initiatives Unit,
Ethekwini Municipality
Durban
South Africa
Tel.: +27 31 311 7527
E-mail: Debra.Roberts@durban.gov.za

SEMENOV Sergei
Vice-Chair WGII
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

SHUKLA Priyadarshi
Co-Chair WG III
Ahmedabad University
Room # 328 GICT Building
Ahmedabad
India
Tel.: +91 7600332333
E-mail: shuklapr@ahduni.edu.in

SKEA James
Co-Chair WG III
Imperial College
14 Princes Gardens
London, SW7 1NA
United Kingdom
Tel.: +44 7714 330 734
E-mail: j.skea@ipcc-wg3.ac.uk

SOKONA Youba
IPCC Vice-Chair
South Centre
Rue 38 Porte 100 Faso Kanu
BP 1961, Bamako
Mali
Tel.: +223 62025547
E-mail: sokona@southcentre.org

TANABE Kiyoto
Co-Chair TFI
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

URGE-VORSATZ Diana
Vice-Chair WG III
Central European University
Nádor utca 9, 1051
Budapest
Hungary
Tel.: +36 306839134
E-mail: vorsatzd@ceu.edu

YANDA Pius
Vice-Chair WGII
University of Dar es Salaam
P.O. BOX 33453
Dar es Salaam
United Republic of Tanzania
Tel.: +25 5 744 265580
E-mail: pyanda@gmail.com

YASSAA Nouredine
Vice-Chair WG I
Centre for Renewable Energy Development
BP 62, Route de L'Observatoire
Bouzaréah
Algiers
Algeria
Tel.: +21 323189059
E-mail: n.yassaa@cder.dz

MEMBER COUNTRIES

ALGERIA

MERABET Hamza
Head of Delegation
Ministère de l'Enseignement supérieur et de la
Recherche Scientifique
11 chemin Doudou Mokhtar
Ben Aknoun
Algeria
Tel.: + 213 770 879 513
E-mail: h.merabet@mesrs.dz

ANGOLA

MARTINS Giza
Head of Delegation
Ministry of Culture
Tourism and Environment, Rua do MAT Complexo
Administrativo Clássicos do Talatona 4ºEdifício,
Talatona
Luanda
Angola
Tel.: +244 222 010755
E-mail: gizagm@gmail.com

CONSTANTINO Luis Domingos
Ministry of Culture, Tourism and Environment
Complexo Administrativo Clássicos de Talatona
Rua do MAT, Edifício 4, 4º Andar
Talatona, Luanda
Angola
Tel.: +244 222010755
E-mail: luisdomingosconstantino@gmail.com

ARGENTINA

MITCHELL Florencia
Head of Delegation
Sustainable Development and Innovation of the
Ministry of Environment and Sustainable
Development of Argentina
San Martín 451. CABA. CP: 1004
Argentina
Tel.: +54 341 6847787
E-mail: fmitchell@ambiente.gob.ar

MAKOWSKI Nicole
Alternate Head of Delegation
Ministry of Environment and Sustainable
Development of Argentina
San Martín 451
Ciudad Autónoma de Buenos Aires
Argentina
Tel.: +54 9 3415 05-3175
E-mail: nmakowski@ambiente.gob.ar

ARMENIA

BUDOYAN Nona
Head of Delegation
Ministry of Environment
3rd Government building
Republic Square
Yerevan
Armenia
Tel.: +37411818552
E-mail: nona.budoyan@env.am

AUSTRALIA

MCPHERSON Nicola
Head of Delegation
Department of Industry, Science
Energy and Resources, 51 Allara St
Canberra City ACT 2601
Australia
Tel.: +61 262437517
E-mail: Nicola.McPherson@industry.gov.au

AUSTRIA

OGRIS Manfred
Head of Delegation
Austrian Federal Ministry of Climate Action
Environment, Energy, Mobility
Innovation and Technology
Stubenbastei 5
A-1010 Wien
Austria
Tel.: +431 71100611741
E-mail: manfredogris@gmx.at

BELGIUM

FERNANDES Alexandre
Head of Delegation
Belgian Science Policy Office (BELSPO)
WTC III - Boulevard Simon Bolivar 30, bte 7
Brussels
Belgium
Tel.: +3222383633
E-mail: alexandre.fernandes@belspo.be

BELIZE

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

BOSNIA AND HERZEGOVINA

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

BRAZIL

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

BURKINA FASO

DIASSO Ulrich Jacques
Head of Delegation
National Meteorological Agency
01 BP 576, Ouagadougou
Burkina Faso
Tel.: +22676177600
E-mail: udiasso@gmail.com

CANADA

HENRY David
Head of Delegation
Environment and Climate Change Canada
335 River Rd
Ottawa
Canada
Tel.: 6139497571
E-mail: david.henry@canada.ca

OUELLET Kaj
Alternate Head of Delegation
Environment and Climate Change Canada
351 Boulevard Saint-Joseph
J8Y 3Z5 Gatineau
Canada
Tel.: 819-938-5955
E-mail: kaj.ouellet@canada.ca

CHILE

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

CHINA

YUAN Jiashuang
Head of Delegation
China Meteorological Administration
46 Zhongguancun Nandajie
Beijing, 100081
China
Tel.: +86 10 68406528
E-mail: yuanjs@cma.gov.cn

CHAO Qingchen
Alternate Head of Delegation
China Meteorological Administration
No. 46, Zhongguancun Nandajie
Beijing, 100081
China
Tel.: +86 10 68406681
E-mail: chaoqc@cma.gov.cn

HUANG Lei
China Meteorological Administration
46 Zhongguancun Nandajie
Beijing, 100081
China
Tel.: +86 10 68409594
E-mail: huanglei@cma.gov.cn

LI Yutong
China Meteorological Administration
No. 46, Zhongguancun Nandajie
Beijing
China
Tel: +86 10 68406662
E-mail: liyt@cma.gov.cn

COLOMBIA

GONZALEZ HERNANDEZ Yolanda
Head of Delegation
Institute of Hydrology, Meteorology and
Environmental Studies (IDEAM)
Calle 25D No. 96B-70
Bogotá D.C.
Colombia
Tel.: +57 (1) 3527160 ext 1121
E-mail: ygonzalez@ideam.gov.co

HERNANDEZ Constantino
Alternate Head of Delegation
Environmental Studies
Ideam, Bogotá D.C
Colombia
Tel.: 0313527160
E-mail: chernandez@ideam.gov.co

MARMOLEJO EGRED Andrés Felipe
Alternate Head of Delegation
Cooperation and International Affairs Unit
Ideam, Cl. 25d #96B - 70
Bogota
Colombia
Tel.: +57 13527160
E-mail: amarmolejo@ideam.gov.co

CASALLAS MARTINEZ Ivon
Global Change Coordinator
Ideam, Cl. 25d #96B - 70
Bogota
Colombia
Tel.: +573527160
E-mail: icasallas@ideam.gov.co

GUZMAN Helmer
Climatology and Agrometeorology
Ideam, Bogotá D.C
Colombia
Tel.: 0313527160
E-mail: haguzman@ideam.gov.co

NAVIA Karen
Cooperation and International Affairs Unit
Ideam, Bogotá D.C
Colombia
Tel.: 0313527160
E-mail: knavia@ideam.gov.co

PALACIO Diego
Subdirector of Environmental Studies
Ideam, Bogotá D.C
Colombia
Tel.: 0313527160
E-mail: dpalacio@ideam.gov.co

SAAVEDRA Hugo
Deputy Director of Meteorology
Ideam, Bogotá D.C
Colombia
Tel.: 0313527160
E-mail: hsaavedra@ideam.gov.co

COSTA RICA

CHACON ARAYA Ana Rita
Head of Delegation
Department of Development
National Meteorological Institute
9 Avenue 17 Street
San Jose
Costa Rica
Tel.: (506) 2222 5616
E-mail: archacon@imn.ac.cr

CROATIA

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

CZECH REPUBLIC

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

BRANISLAV Gál
Permanent Mission of the Czech Republic to UN
Office and other International Organisations at
Geneva
Chemin Louis-Dunant 17, Case postale 1091211
Czech Republic
Tel.: +41 229103817
E-mail: Branislav_Gal@mzv.cz

VALIK Adam
Czech Hydrometeorological Institute
Na Sabatce 17
Praha 4 – Komorany
Czech Republic
Tel.: +420 541 421 027
E-mail: adam.valik@chmi.cz

DENMARK

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

ECUADOR

GONZALEZ BENITEZ Rosa Ana
Head of Delegation
Ministry of Environment, Water and Ecological
Transition of Ecuador Andalucía y Madrid
Quito
Ecuador
Tel.: 5933987600
E-mail: roxgonzalez1209@gmail.com

CAZA Pablo
Alternate Head of Delegation
Ministry of Environment, Water and Ecological
Transition Andalucía y Madrid
Quito
Ecuador
Tel.: 5933987600
E-mail: p.caza@hotmail.com

BARRERA Karina
Ministry of Environment, Water and Ecological
Transition Andalucía y Madrid
Quito
Ecuador
Tel.: 59323987600
E-mail: karina.barrera@ambiente.gob.ec

EGYPT

ABD EL-RAHIM Sherif
Head of Delegation
Egyptian Environmental Affairs Agency
30 Misr Helwan Elzeraee Road
Maadi Cairo
Egypt
Tel.: +2 02 2524 6162
E-mail: ipcc_eg.cccu@yahoo.com

ELEWA Lydia
Alternate Head of Delegation
Egyptian Environmental Affairs Agency
30, Misr Helwan El-Zyrae Road
Maadi Cairo
Egypt
Tel.: 0020225246162
E-mail: lydiaelewa7@hotmail.com

ETHIOPIA

TESHOME Fetene
Head of Delegation
National Meteorological Agency
Addis Ababa
Ethiopia
Tel.: +251-116615791
E-mail: fetenekoket@yahoo.com

FINLAND

KUPIAINEN Kaarle
Head of Delegation
Ministry of the Environment
Aleksanterinkatu 7
P.O.Box 35 Government
Helsinki
Finland
Tel.: +358 295 250 232
E-mail: kaarle.kupiainen@ym.fi

TUOMENVIRTA Heikki
Alternate Head of Delegation
Finnish Meteorological Institute
B.O. Box 503
Helsinki
Finland
Tel.: +35 8295394122
E-mail: heikki.tuomenvirta@fmi.fi

FRANCE

SALVAIRE Paul
Head of Delegation
MEAE
37, quai d'Orsay
75007 Paris
France
Tel.: +33 1 43 17 53 53
E-mail: paul.salvaire@diplomatie.gouv.fr

BRUN Eric
Alternate Head of Delegation
Ministry of Ecological Transition
Directorate General for Energy and Climate
(DGEC)
Climate and Energy Efficiency Department
National Observatory on the Effects of Global
Warming (ONERC)
92055 La Defense
France
Tel.: +33 1 40 81 92 94
E-mail: eric.brun-barriere@developpement-
durable.gouv.fr

GERMANY

MUELLER Christian
Head of Delegation
Zukunft – Umwelt – Gesellschaft (ZUG)
gGmbH Koethener Strasse 4
Berlin
Germany
Tel.: +49 30 700 181 226
E-mail: christian.mueller@z-u-g.org

TEXTOR Christiane
Alternate Head of Delegation
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

GASTROW Stefanie
Project Management Agency
Part of the German Aerospace Center
Heinrich-Konen-Str. 1
Bonn
Germany
Tel.: +49 228 3821 2603
E-mail: stefanie.gastrow@dlr.de

REINEKE Thomas
Project Management Agency
Part of the German Aerospace Center
Heinrich-Konen-Str. 1
Bonn
Germany
Tel.: +49 228 3821 1448
E-mail: Thomas.Reineke@dlr.de

GUATEMALA

BARRERA GARCÍA David Estuardo
Head of Delegation
Ministerio de Ambiente y Recursos Naturales7
Avenida 03-67 Zona 13
Guatemala
Tel.: (502) 24230500
E-mail: dbarreragarcia@gmail.com

VASQUEZ PALACIOS Jenny Cristabel
Alternate Head of Delegation
Ministerio de Ambiente y Recursos Naturales7
Avenida 03-67 Zona 13
Guatemala
Tel.: (502) 24230500
E-mail: jencrivas@gmail.com

GUINEA BISSAU

TCHEDNA Joao Lona
Head of Delegation
National Institute of Meteorology
Avenida do Brasil, Cx.P. Nº 75
Bissau
Guinea Bissau
Tel.: +245 955422007
E-mail: J_Lona@yahoo.fr

HUNGARY

BENKO Bernadett
Head of Delegation
Ministry for Innovation and Technology
H-1011 Budapest, 44-50
Budapest
Hungary
Tel.: +36 1 896 6902
E-mail: bernadett.benko@itm.gov.hu

GALAMBOS Eszter
Ministry for Innovation and Technology
1027 Budapest, Csalogány u. 9-11.
Budapest
Hungary
Tel.: +3617956504
E-mail: eszter.galambos@itm.gov.hu

ICELAND

ÓLAFSD Ó TTIR Anna
Head of Delegation
Icelandic Meteorological Office
Bústaðarvegur 7-9
Reykjavík
Iceland
Tel.: +3548448904
E-mail: annaol@vedur.is

BJORNSSON Halldór
Icelandic Meteorological Office
Bústaðarvegur 7-9
Reykjavík
Iceland
Tel.: +354 5226000
E-mail: halldor@vedur.is

INDONESIA

ASAAD Irawan
Head of Delegation
Ministry of Environment and Forestry Indonesia
Manggala Wanabakti Building, Block 4
6th Floor, Jalan Gatot Subroto
Jakarta
Indonesia
Tel.: +62 2157903073
E-mail: Irawan.asaad@gmail.com

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

UMAR Real Sukmana Faesal
Ministry of Environment and Forestry Indonesia
Manggala Wanabakti Building, Block 7
12th Floor, Jalan Gatot Subroto
Indonesia
Tel.: +62 215746724
E-mail: realsukmana@gmail.com

IRELAND

MCGOVERN Frank
Head of Delegation
Environmental Protection Agency
Richview, Clonskeagh Road
Dublin 14
Ireland
Tel.: +353 (0) 12680100
E-mail: f.mcGovern@epa.ie

GRIFFIN Emer
Dept. of Environment
29 - 31 Adelaide Road
Dublin 2
Ireland
Tel.: +35 3871679128
E-mail: emer.griffin@decc.gov.ie

LAMBKIN Keith
Met Éireann - The Irish Meteorological Service
Glasnevin Hill
Dublin 9
Ireland
Tel.: +353 (0) 18065538
E-mail: keith.lambkin@met.ie

ITALY

NAVARRA Antonio
Head of Delegation
Euro-Mediterranean Center on Climate
Change (CMCC)
Viale Berti Pichat 6/2
Bologna
Italy
Tel.: +39 3346942203
E-mail: antonio.navarra@cmcc.it

COGO Eleonora
Alternate Head of Delegation
Euro-Mediterranean Center on Climate Change
(CMCC)Viale C. Berti Pichat 6/2
Bologna
Italy
Tel.: +39 0510301622
E-mail: eleonora.cogo@cmcc.it

JAMAICA

SPENCE-HEMMINGS Jacqueline
Head of Delegation
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

KAWAMURA Reo
Head of Delegation
Ministry of the Environment (MOE)
1-2-2 Kasumigaseki, Chiyoda-ku, Tokyo 100-8975
Tokyo
Japan
Tel.: +81 3 5521 8247
E-mail: REO_KAWAMURA@env.go.jp

ADACHI Muneki
Alternate Head of Delegation
Office of Global Environment and Decarbonizing
Innovation Research Policy and Coordination
Division
Global Environment Bureau
Ministry of the Environment (MOE)
1-2-2 Kasumigaseki, Chiyoda-ku
Tokyo 100-8975
Japan
Tel.: +81 3 5521 8247
E-mail: muneki_adachi@env.go.jp

KENYA

NYING'URO A Patricia
Head of Delegation
Kenya Meteorological Department
Box 30259-00100
Tel.: +254203867880
Nairobi
Kenya

KIMUTAI Joyce
Alternate Head of Delegation
Kenya Meteorological Department
P.O. Box 30259-00100
Nairobi
Kenya
Tel.: +25 4724708605
E-mail: kimutaijoy@gmail.com

LAOS

SAYTHONGVANH Bounthee
Ministry of Natural Resources and Environment
Nahaidiew Rd, Ban Sisavath, Vientiane, Lao PDR
Vientiane Capital
Laos
Tel : +85621 265017
E-mail : thee988@hotmail.com

LIBERIA

GAR-GLAHN Arthur
Head of Delegation
Liberia Meteorological Service
Ministry of Transport
Monrovia
Liberia
Tel: +231 886 565 245
E-mail: agarglahn98@gmail.com

LUXEMBOURG

FERRONE Andrew
Head of Delegation
Administration of Agricultural Technical Services
BP. 1904
L-1019 Luxembourg
Tel.: +35 24571 72322
E-mail: Andrew.Ferrone@asta.etat.lu

MALI

SÉKOU MFALY Sissoko
Head of Delegation
MALI-METEO
MALI-METEO/Bamako Senou
Bamako
Mali
Tel: +223 20206204
E-mail: sekou_banfaly@yahoo.fr

MEXICO

MARTINEZ ARROYO Maria Amparo
Head of Delegation
National Institute of Ecology and Climate Change
Anillo Periferico 4209, Jardines en la Montana
Ciudad de México. C.P. 14210
Mexico
Tel.: +52 5554246418
E-mail: marroyo@inecc.gob.mx
PÉREZ DE LA TORRE José Francisco
Alternate Head of Delegation
Mexico
5529143857
E-mail: francisco.perezdelatorre@inecc.gob.mx

MONGOLIA

GOMBOLJUDEV Purevjav
Head of Delegation
Information and Research Institute on
Meteorology, Hydrology and Environment,
Juułchnii gudamj 5 Baga toiruu 3
Ulaanbaatar
Mongolia
Tel.: +976 11318751
E-mail: p_gombo@hotmail.com

MONTENEGRO

IVANOV Mirjana
Head of Delegation
Institute of Hydrometeorology and Seismology
IV Proleterske 19
Podgorica
Montenegro
Tel: +382 20 655 183
E-mail: mirjana.ivanov@meteo.co.me

MIHALJEVIC Milica
Alternate Head of Delegation
Institute of Hydrometeorology and Seismology IV
Proleterske 19
Podgorica
Montenegro
Tel: +382 20 655 183
E-mail: milica.mihaljevic@meteo.co.me

MOROCCO

CHAFKI Omar
Head of Delegation
Department of National Meteorology
Boulevard Tayeb Naciri, Hay Hassani
B.P. 8106 Casa-Oasis
Casablanca
Morocco
Tel.: +21 2522913805
E-mail: omar_chafki@yahoo.fr

MYANMAR

OO Kyaw Moe
Head of Delegation
Department of Meteorology and Hydrology
Building No.(5), Ministry of Transport,
Nay Pyi Taw
Myanmar
Tel: +95 67 411031
E-mail: kyawmoeoo39@gmail.com

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

NAMIBIA

DIRKSE Simon
Head of Delegation
Climate and Databank
Namibia Meteorological Service
12c Hugel Street
Windhoek
Namibia
Tel.: +26 4612877012
E-mail: simondirkse@gmail.com

SOMSES Sieglinde
Alternate Head of Delegation
Namibia Meteorological Service
12c Hugel Street
Windhoek
Namibia
Tel.: +264612877020
E-mail: ssomses@gmail.com

NEPAL

WAGLE Radha
Head of Delegation
Ministry of Forests and Environment, Singhadurbar
Kathmandu
Nepal
Tel.: +97 79863603902
E-mail: radhawagle2000@yahoo.com

MILAN Dhungana
Alternate Head of Delegation
Ministry of Forests and Environment
Singhadurbar
Kathmandu
Nepal
Tel: +9779863603902
E-mail: dhunganamilan@gmail.com

NETHERLANDS

VAN DORLAND Rob
Head of Delegation
The Royal Netherlands Meteorological Institute
(KNMI)
Utrechtseweg 297, 3731GA De Bilt
De Bilt
Netherlands
Tel.: +31 302206775
E-mail: rob.van.dorland@knmi.nl

BERK Marcel
Alternate Head of Delegation
Ministry of Economic Affairs and Climate Policy
P.O. Box 20401
The Hague
Netherlands
Tel.: +31 65259 5453
E-mail: m.m.berk@minezk.nl

NEW ZEALAND

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

CHORLEY Hannah
Alternate Head of Delegation
Ministry for the Environment
Environment House, 23 Kate Sheppard Place
Wellington
New Zealand
Tel: +64 4 439 7400
E-mail: hannah.chorley@mfe.govt.nz

NIGERIA

BAWA-BWARI Halima
Head of Delegation
Department of Climate Change
Federal Ministry of Environment
Green Building Maitama
Abuja
Nigeria
Tel.: +2348033119734
E-mail: halimabawab@yahoo.com

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

BARDE Aishatu Kamaludeem
Federal Ministry of Environment
Plot 444 Aguiyi Ironsi Street, Maitama
FCT Abuja
Nigeria
Tel.: +234 8030640210
E-mail: bardeaishat@yahoo.com

NORTH MACEDONIA

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

NORWAY

CHRISTOPHERSEN Øyvind
Head of Delegation
Norwegian Environment Agency
Grensesvingen 7
0661 Oslo
Norway
Tel.: +47 97075014
E-mail: chr@miljodir.no

KVISSEL Ole-kristian
Alternate Head of Delegation
Norwegian Environment Agency
Grensesvingen 7
0661 Oslo
Norway
Tel.: +47 93431034
E-mail: okk@miljodir.no

ANHARI Elin
Norwegian Environment Agency
Grensesvingen 7
0661 Oslo
Norway
Tel.: +4795916106
E-mail: Elin.Anhari@miljodir.no

OMAN

SAID Alsarmi
Head of Delegation
Civil Aviation Authority Seeb
Muscat
Oman
Tel: 96899016932
E-mail: s.alsarmi@met.gov.om

PORTUGAL

CARVALHO Telmo
Head of Delegation
The Portuguese Institute for Sea and Atmosphere,
I. P. (IPMA, IP) Rua C- Aeroporto
Lisboa
Portugal
Tel.: +351 218 447 000
E-mail: telmo.carvalho@ipma.pt

COELHO Fátima
Alternate Head of Delegation
The Portuguese Institute for Sea and Atmosphere,
I. P. (IPMA, IP) Rua C- Aeroporto
Lisboa
Portugal
Tel.: +351 218 447 000
E-mail: fatima.coelho@ipma.pt

REPUBLIC OF KOREA

OH Yaewon
Head of Delegation
Korea Meteorological Administration
61. Yeouidaebang-ro 16-gil, Dongjak-gu, Seoul,
07062
Seoul
Republic of Korea
Tel: +82221810401
E-mail: ywohv3@korea.kr

YIM Nayoung
Korea Meteorological Administration
61 16-gil Yeouidaebang-ro, Dongjak-gu
Seoul
Republic of Korea
Tel.: +82 221810403
E-mail: nyyim@korea.kr

RUSSIAN FEDERATION

DMITRIEVA Tatiana
Head of Delegation
Federal Service for Hydrometeorology and
Environmental Monitoring
Novovaganakovsky Street, 12
Moscow
Russian Federation
Tel.: +7 4997952088
E-mail: dmtanya@mail.ru

SAINT LUCIA

DESCARTES Jermaine
Head of Delegation
Department of Sustainable Development
Georgiana Court
Castries
Saint Lucia
Tel.: +758 4685805
E-mail: jdescartes.sde@gmail.com

SAMANTHIA Justin
Alternate Head of Delegation
Department of Sustainable Development
Georgiana Court
Castries
Saint Lucia
Tel.: +7584685850
E-mail: sajustin11@gmail.com

SAUDI ARABIA

AL-NORY Malak
Head of Delegation
MoEn
Riyadh-T1
Saudi Arabia
Tel.: +96 6505527266
E-mail: malak.nory@moenergy.gov.sa

ALSUDAIRY Nourah
Alternate Head of Delegation
MoEn
Riyadh
Saudi Arabia
Tel.: +96 6505163042
E-mail: Nourah@cdmdna.gov.sa

SINGAPORE

LOU Pang Boon
Head of Delegation
Ministry of Sustainability and the Environment
40 Scotts Road #24-01
Singapore 223281
Singapore
Tel.: +65 81613897
E-mail: lou_pang_boon@mse.gov.sg

SLOVAKIA

MALATINSKA Lenka
Head of Delegation
Ministry of Environment of the Slovak Republic,
Nam. L. Stura 1, 812 35
Bratislava
Slovakia
Tel.: +421 2 5956 2589
E-mail: lenka.malatinska@enviro.gov.sk

SPAIN

PINO Maeso Alfonso
Head of Delegation
Ministry for Ecological Transition
Calle Alcalá 92
Madrid
Spain
Tel.: +34 914361498
E-mail: apinomae@miteco.es

HERAS FERNANDEZ Francisco Jorge
Ministry for Ecological Transition
C/Alcalá 92
Madrid 28009
Spain
Tel.: +34914361506
E-mail: fjheras@miteco.es

SURINAME

PATTERZON Ivette
Head of Delegation
Ministry of Spatial Planning and Environment,
Prins hendrikstraat 22
Paramaribo
Suriname
Tel.: (+597) 424075
E-mail: ivette.patterzon@gov.sr

JANMOHAMED Faizal
Ministry of Public Works
Mr. Jaggernath Lachmonstraat 167
Pramaribo
Suriname
Tel: + 597 491143
E-mail: f_jan@hotmail.com

SWEDEN

RUMMUKAINEN Markku
Head of Delegation
SMHI, Swedish Meteorological and Hydrological
Institute
Folkborgsv. 17
Norrköping
Sweden
Tel.: +46 (0)114958605
E-mail: markku.rummukainen@smhi.se

LINDSTROEM Lena
Alternate Head of Delegation
Swedish Meteorological and Hydrological Institute
(SMHI)
Folkborgsv. 17
Norrköping
Sweden
Tel.: +46 (0)114958365
E-mail: lena.lindstrom@smhi.se

SWITZERLAND

SEBASTIAN König
Head of Delegation
Papiermuehlestrasse 172
Federal Office for the Environment
Bern
Switzerland
Tel.: +41584633005
E-mail: sebastian.koenig@bafu.admin.ch

TAJIKISTAN

RAJABOV Nasimjon
Head of Delegation
Climate Change Center
Agency for Hydrometeorology
Committee for Environmental Protection, 47
Shevchenko Street
Dushanbe
Tajikistan
Tel.: +99 2372276181
E-mail: nasim.rajabov@gmail.com

TOGO

SABI Kokou
Head of Delegation
Université de Lomé
BP 1515 FDS-UL
Lomé
Togo
Tel.: +228 22 36 39 01
E-mail: sabikokou@yahoo.fr

TURKEY

TUĞAÇ Çiğdem
Head of Delegation
Ministry of Environment and Urbanization of
Turkish Republic
A Blok 7. Kat 25 Numara Yenimaha Mustafa
Kemal Mahallesi Eskişehir Devlet Yolu
(Dumlupınar Bulvarı) 9. km.
No: 278 Çankaya / Ankaralle
Ankara
Turkey
Tel.: +90 5367656450
E-mail: cigdem.tugac@csb.gov.tr

UKRAINE

KRAKOVSKA Svitlana
3028 Prospekt Nauki, 37
Kyiv
Ukraine
Tel.: +380445258630
E-mail: krasvit@ua.fm

UNITED KINGDOM

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

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

REES-OWEN Rhian
Alternate Head of Delegation
UK Department of Business, Energy and Industrial
Strategy
1 Victoria Street
London
United Kingdom
Tel.: +44 207 215 4679
E-mail: rhian.reesowen@beis.gov.uk

UNITED REPUBLIC OF TANZANIA

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

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

UNITED STATES OF AMERICA

AKHTAR Farhan
Head of Delegation
U.S. Department of State
2201 C St NW, Suite 2480
Washington DC
United States of America
Tel.: +1 202 6473489
E-mail: akhtarfh@state.gov

WOODRUFF Sierra
U.S. Department of State
2201 C St NW Suite 2480
Washington DC
United States of America
Tel.: +1 202 3725945
E-mail: swoodruff@tamu.edu

VENEZUELA (BOLIVARIAN REPUBLIC OF)

DI CARLO QUERO Isabel Teresa
Head of Delegation
Office of the Minister for Multilateral Issues
Ministry of Popular Power for Foreign Relations
Urdaneta Avenue, Caracas MRE Tower
Venezuela
Tel.: +582128064311
E-mail: isabel.dicarlo@gmail.com

ZAMBIA

CHONGO Beausic
Head of Delegation
Ministry of Lands and Natural Resources Climate
Change and Natural Resources Management
Department
P.O. Box 50694, 15101 Ridgeway
Lusaka
Zambia
Tel.: +26 0211252589
E-mail: beausique@gmail.com

ZIMBABWE

NDIDZANO Kudzai Faron
Head of Delegation
Ministry of Environment, Climate, Tourism and
Hospitality Industry
11th Floor, Kaguvi Building, Cnr. S Muzenda
Str/Central Ave
Harare
Zimbabwe
Tel.: +263242701681/3
E-mail: kudzie013@gmail.com

OBSERVER ORGANIZATIONS

European Association of Environmental and Resource Economists (EAERE)

KOUNDOURI Phoebe
Head of Delegation
European Association of Environmental and
Resource Economists
Athens University of Economics and Business,
Department of International & European Economic
Studies
Antoniadou Wing, 5th Floor, Office 512, GR-10434
Athens
Greece
Tel.: +30 210 8203455
E-mail: pkoundouri@aueb.gr

BORGHESI Simone
Observer-Alternate Head of Delegation
European Association of Environmental and
Resource Economists
European University Institute Via Boccaccio 121, I-
50133
Florence
Italy
Tel.: +390554685703
E-mail: Simone.Borghesi@eui.eu

European Union (EU)

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

RAKONCZAY Zoltan
Rue du Champ de Mars 21
Brussels
Belgium
Tel.: +32 29-57522
E-mail: zoltan.rakonczay@ec.europa.eu

Food and Agriculture Organization (FAO)

BERNOUX Martial
Viale delle Terme di Caracalla
Rome
Italy
Tel.: +39 0657052274
E-mail: martial.bernoux@fao.org

Greenplanet

PATHAN Ahmed D.
Head of Delegation
Town Hall- Tower chalk Area, KALOL
India
Tel.: 91276422535
E-mail: admin@greenplanets.org

PARMAR Akash Babubhai
C/O Ashirvad Institute Town Hall
Area KALOL-382721
India
Tel.: 912764225356
E-mail: akash1995parmar@gmail.com

PARMAR Rutva Akash
Town Hall Area, Tower Chalk,
KALOL- 382721
India
Tel.: 917923246581
E-mail: rututhakor1@gmail.com

SONI Prakashkumar Govindbhai
Ashirvad Institute Tower Chalk
Area KALOL 382721
India
Tel: 912764225356
E-mail: india.greenplanet@gmail.com

Instituto Bern Ambiental (IBAM)

METZKER Thiago
Rua Centauro, 231, 6 andar. Santa Lúcia
Belo Horizonte
Brazil
Tel.: +5531984741320
E-mail: thiago@bemambiental.org.br

Quaker United Nations Office (QUNO)

COOK Lindsey
Annabergerstrasse 195 Bonn
Germany
Tel.: 49228 9107817
E-Mail: Lfcook@quno.ch

United Nations Environment Programme (UNEP)

WEST Kelly
Science Division
P.O. Box 30552
Nairobi
Kenya
Tel.: +254780223306
E-mail: kelly.west@un.org

United Nations Framework Convention on Climate Change

KINUTHIA-NJENGA Cecilia
Platz der Vereinten Nationen 1
Bonn
Germany
Tel.: +49 228 8151628
E-mail: CKinuthia-Njenga@unfccc.int

POST Joanna
Platz der Vereinten Nationen 1
Bonn
Germany
Tel.: +49 228 815-11 62
E-mail: jpost@unfccc.int

TECHNICAL SUPPORT UNIT AND TASK GROUPS

IPCC WORKING GROUP I TECHNICAL SUPPORT UNIT

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

CONNORS Sarah
Université Paris Saclay
Route de l'Orme des Merisiers
Saint Aubin
France
Tel.: +33679087723
E-mail: sarah.connors@universite-paris-saclay.fr

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

IPCC WORKING GROUP II TECHNICAL SUPPORT UNIT

TIGNOR Melinda
Head of WGII Technical Support Unit
c/o Alfred-Wegener-Institut
Markstraße 3
Bremen
Germany
Tel.: +49 47148312442
E-mail: melinda.tignor@ipcc-wg2.awi.de

IPCC WORKING GROUP III TECHNICAL SUPPORT UNIT

FRADERA Roger
Head of WGIII Technical Support Unit
Imperial College London
Weeks Buildin
Prince's Gardens
London
United Kingdom
Tel.: +44 20 75941057
E-mail: r.fradera@imperial.ac.uk

SLADE Raphael
Imperial College London
C/o Centre for Environmental Policy Imperial
College London 13 Princes
London
United Kingdom
Tel.: +44 (0)20 7594 7306
E-mail: r.slade@ipcc-wg3.ac.uk

**TASK FORCE ON NATIONAL GREENHOUSE
GAS INVENTORIES TECHNICAL SUPPORT
UNIT**

SANDRO Federici
Head of the TFI TSU
C/o Institute for Global Environmental Strategies
(IGES)
2108-11 Kamiyamaguchi
240-0115 Hayama
Japan
Tel.: +81 46 855 3754
E-mail: federici@iges.or.jp

IPCC SECRETARIAT

MOKSSIT Abdalah
Secretary of IPCC
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8574
E-mail: amokssit@wmo.int

FIDA Ermira
Deputy Secretary
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 7308053
E-mail: efrida@wmo.int

BAIDYA Jesbin
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8516
E-mail: jbaidya@wmo.int

BIAGIONI Laura
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8522

E-mail: lbiagioni@wmo.int
BOUVERAT Carole
Intern
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8378
E-mail: cbouverat@wmo.int

EKZARKHO Oksana
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8208
E-mail: oekzarkho@wmo.int

EWA Judith
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8087
E-mail: jewa@wmo.int

FERNANDEZ Joelle
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8254
E-mail: jfernandez@wmo.int

LEVINSKI Cristina
Intern
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8454
E-mail: clevinski@wmo.int

LEW SCHNEIDER Jennifer
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 (0) 22 730 8578
E-mail: jlewschneider@wmo.int

MAHECIC Andrej
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8066
E-mail: amahecic@wmo.int

MAKOMBE Marvellous
Intern
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8378
E-mail: mmakombe@wmo.int

PEEVA Nina
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8120
E-mail: npееva@wmo.int

SHONGWE Mxolisi
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2 Switzerland
Tel.: +41 22 730 8438
E-mail: mshongwe@wmo.int

WALSH Melissa
c/o World Meteorological Organization
7 bis Avenue de la Paix
CH - 1211 Geneva 2
Switzerland
Tel.: +41 22 730 8532
E-mail: mwalsh@wmo.int