



TWENTY-FIFTH JOINT INTERGOVERNMENTAL MEETING/ SCIENTIFIC PLANNING GROUP MEETING

23 June 2022

PROCEEDINGS



Proceedings of the Twenty-Fifth Joint Intergovernmental Meeting/ Scientific Planning Group Meeting

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Message from the Secretariat Director

The 25th Joint Intergovernmental Meeting/Scientific Planning Group Meeting was held virtually on 23 June 2022, with representatives from 18 member countries in attendance. The Intergovernmental Meeting (IGM) reviewed the status of action points adopted by the previous IGM and considered a report from the Steering Committee (SC), which outlined activities to strengthen strategic relationships with like-minded organisations, outcomes of the annual call for proposals for the fiscal year 2021, updates on project management, and key activities conducted since the 24th IGM in February 2021.

We are pleased that our activities have promoted the concept of the Regional Circular and Ecological Sphere (R-CES) in Asian countries and enhanced the understanding of locally-led adaptation and its role in contributing to the implementation of the Paris Agreement. We are happy to announce that more than 100 publications from APN projects and activities have been cited in the IPCC Sixth Assessment Report, which provides the most comprehensive and up-to-date evaluation of the state of the climate and its potential impacts.

The IGM also received an update on the budget status for the fiscal year 2021 and the budget plan for the fiscal year 2022 as approved by the 49th Steering Committee. The IGM made an important decision to extend the 5th Strategic Phase by two years until the end of June 2026 in consideration of the impact of the global COVID-19 pandemic.

During the IGM/SPG meeting, subregional committees held parallel breakout sessions to elect new members to the SC and the Capacity Development Committee (CDC) and to consider other operational matters specific to each subregion.

On behalf of the Secretariat, I sincerely thank all participants for attending the IGM/SPG meeting including Mr Noriaki Suga, Chief Executive Officer for the Environment, Hyogo Prefectural Government, and Mr Reo Kawamura, national Focal Point for Japan and Chair of the meeting. I also express my heartfelt appreciation to our members and invited experts for their continuous support for APN and its activities, our project leaders and collaborators for delivering project activities during the difficult time of a global pandemic, and last but not least, representatives of observer organisations for sharing the latest information from their respective organisations.



富取 隆史

Ryuji Tomisaka,
Director

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Section 1

Chairperson's Summary

Chairperson's Summary of the 25th Joint Intergovernmental Meeting/Scientific Planning Group Meeting

1. APN Members, designated alternates and invited experts from Australia, Bangladesh, Cambodia, China, Fiji, India, Indonesia, Japan, Malaysia, Mongolia, Nepal, New Zealand, Philippines, Republic of Korea, Sri Lanka, Thailand, United States of America and Vietnam attended the meeting. Representatives of the following organisations attended as observers: Hyogo Prefectural Government, Japan; International Centre for Integrated Mountain Development (ICIMOD); Pacific Climate Change Centre (PCCC); and World Climate Research Programme (WCRP). A list of participants is included in Appendix 1.

Inaugural Session

2. Mr Yoichi Toyama, Director of the Secretariat; Mr Noriaki Suga, Chief Executive Officer, Environmental Management Department, Hyogo Prefectural Government, Japan; and Mr Reo Kawamura, national Focal Point (nFP) for Japan and Chairperson of the present meeting gave opening remarks.

Item 1. Approval of the Draft Agenda

3. The Intergovernmental Meeting (IGM) adopted the draft agenda presented.

Item 2. Review of action points of the 24th IGM Meeting

4. The Secretariat provided a report on the status of action points of the 24th Joint Intergovernmental Meeting/Scientific Planning Group Meeting (IGM/SPG Meeting), especially those completed in the intersessional period or ongoing at the time of reporting. Specifically, the IGM noted the ongoing work in regards to organising a scoping workshop in the Pacific region in 2022 and engaging regional partners and early-career scientists in that region. The IGM approved the report by the Secretariat.

Item 3. Report from the Steering Committee

5. On behalf of the Steering Committee (SC), Mr Toyama reported the key developments and work undertaken since the 24th IGM/SPG Meeting. These include: new nFPs and Scientific Planning Group (SPG) members; changes in Secretariat staff; activities to enhance strategic relationships with global change and sustainability organisations; activities in collaboration with the Hyogo Prefectural Government, Japan; status of the fiscal year (FY) 2021 call for proposals; project management; progress of the climate adaptation synthesis and activities promoting the concept of Regional Circular and Ecological Sphere (R-CES); contribution to the capacity building programme of the Asia-Pacific Climate Change Adaptation Information Platform (AP-PLAT); citation of APN publications in the sixth assessment report of the Intergovernmental Panel on Climate Change; status of the APN Science Bulletin; participation at international events and courtesy calls; digital communication, budget status report for FY 2021 and the work programme and budget plan for FY 2022, as approved by the SC at its 49th meeting held prior to the present meeting.

6. The IGM approved the report, including the extension of the 5th Strategic Phase by two years until the end of June 2026.

Item 4. Subregional Parallel Sessions

7. The South Asia Subregional Committee (SA-SRC), Southeast Asia Subregional Committee (SEA-SRC), Temperate East Asia Subregional Committee (TEA-SRC) and the Pacific Subregional Committee (P-SRC) met in parallel breakout sessions. Invited experts also participated.

8. The subregional committees (SRCs), in their respective sessions, conducted a review of action points of their previous meetings, elected two nFPs to the SC and one expert to the Capacity Development Committee (CDC), elected a chairperson and vice-chairperson, and discussed other operational matters. In addition to the above, the SA-SRC, SEA-SRC and P-SRC discussed the way forward for organising events related to their respective subregions in FY 2022.

Item 5. Report on Subregional Cooperation

9. Ms Janaki Amaratunge, nFP alternate for Sri Lanka, presented on behalf of the SA- SRC. It was reported that Dr Radha Wagle, nFP for Nepal, and Mr Irfan Tariq, nFP for Pakistan, were elected to serve on the SC, and that Ms Karma Wangmo, Assistant Environment Officer, Secretariat of the National Environment Commission, Bhutan, was elected to serve on the CDC on a provisional basis. Additionally, it was reported that Dr Anil Jasinghe, nFP for Sri Lanka, was elected as Chairperson and Prof. Giashuddin Miah, SPG member for Bangladesh, as Vice-Chairperson on a provisional basis of the SA-SRC. Ms Amaratunge added that Sri Lanka tentatively agreed to host an in-person proposal development training workshop (PDTW) and the subsequent SA- SRC meeting back-to-back with the Climate Adaptation Framework writing workshop to be held in October 2022, tentatively.

10. Mr Muhammad Helmi Abdullah, nFP Malaysia, reported on behalf of the SEA- SRC. It was reported that he was elected to serve on the SC, and the SEA-SRC agreed to elect the second nFP to serve on the SC before the 50th SC Meeting via email communication. Mr Abdullah added that Prof. Juan Pulhin, Department of Social Forestry and Forest Governance, College of Forestry and Natural Resources, University of the Philippines Los Baños, Philippines, was elected to continue serving on the CDC. Additionally, it was reported that the SEA-SRC elected Dr Monthip Sriratana, nFP for

Thailand, as Chairperson of the SEA-SRC and that it was agreed to elect the Vice-Chairperson before the 50th SC Meeting via email communication. Furthermore, it was reported that the SEA-SRC agreed that Thailand would host the PDTW and the subsequent SA-SRC meeting back-to-back with a one-day training workshop on water security tool between March and May 2023; however, the exact date of the event would depend on the schedule of other SRC-related events.

11. Dr Soojeong Myeong, SPG member for the Republic of Korea, reported on behalf of the TEA-SRC. It was reported that Dr Tserendulam Shagdarsuren, nFP for Mongolia, was elected to serve on the SC, and that Dr Yuji Masutomi, Head, Center for Climate Change Adaptation, National Institute for Environmental Studies, Japan, was elected to continue serving on the CDC. Additionally, it was reported that she was elected as Chairperson, and Prof. Kensuke Fukushi, SPG member for Japan, as Vice-Chairperson of TEA-SRC.

12. Dr Luis Tupas, nFP for the United States of America, reported on behalf of the P-SRC. It was reported that Dr Douglas Hill, nFP for New Zealand, and himself were elected to serve on the SC; however the P-SRC agreed to invite the nFP for Fiji, when appointed, to serve on the SC, as he was on the SC in the previous term. Additionally, it was reported that Prof. Patrick Nunn, Professor of Geography, University of the Sunshine Coast, Australia, was elected to continue serving on the CDC. Furthermore, it was reported that Dr Michael Robotham, SPG member for the United States of America, was elected as Chairperson and Dr Awnesh Singh, SPG Member for Fiji, as Vice-Chairperson of the P-SRC. It was reported that the P-SRC agreed to postpone the scoping workshop, PDTW and the subsequent P-SRC meeting scheduled for October 2022 to a later date and that the Secretariat makes a courtesy call to the Australian government in October 2022 to seek the appointment of an nFP and SPG member for Australia. Finally, Dr Tupas reported that the P-SRC would hold the third study group meeting with PICES on 14 July 2022.

Item 6. Confirmation of new SPG Co-Chairs and new members to the SPG-SC, CDC and SC

13. The IGM confirmed the following members as new SPG Co-Chairpersons from July 2022 to June 2024: Prof. Wenjie Dong (China) and Dr Awnesh Singh (Fiji).

14. The IGM confirmed the following members to serve on the Scientific Planning Group Sub-Committee (SPG-SC) from July 2022 to June 2024: Prof. Dong and Dr Singh) to serve as Co-Chairpersons; and Mr Norbu Gyeltshen (Bhutan), Dr Fariza Yunus (Malaysia) and Dr Michael Robotham (USA) to serve as members.

15. The IGM confirmed new and continuing invited experts to the CDC, as well as new members to the SC, as reported by the representatives of each SRC under Item 5 of the present meeting.

Item 9. Confirmation of Action Points of the 24th IGM/SPG Meeting

16. The IGM reviewed and approved the list of action points presented subject to formal editing. The list of approved action points is attached as Appendix 2 of this summary.

Item 10. Any Other Business and Closing

17. Mr Toyama thanked members for their participation and contribution to the present meeting, especially in approving the extension of the 5th Strategic Phase. He thanked the speakers who were invited to present at the interactive session for their inspiring presentations. He congratulated the SRCs for electing new members to serve on the SC and CDC, and acknowledged the newly elected SPG Co-Chairpersons and SPG-SC members. Finally, Mr Toyama thanked the Secretariat staff for their dedication in preparing for the present meeting and associated committee meetings.

18. Mr Kawamura extended his appreciation to all participants and congratulated the IGM on the selection of new SPG Co-Chairpersons, as well as SPG-SC, CDC and SC members. He added that while APN is halfway into its 5th Strategic Phase, which had been extended for two years as it faces challenges induced by the prolonged Covid-19 pandemic, it was able to find opportunities to strengthen its activities in collaboration with member countries and like-minded organisations. He concluded by noting that APN should continue to strengthen its activities and develop new innovative research programs while enhancing partnerships among member countries and invited experts.

19. The meeting was closed after a vote of thanks had been accorded to the Chairperson, invited speakers, participants and the Secretariat.

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**The 25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting**
23 June 2022

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**25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting**
23 June 2022

Item 7 of the draft agenda¹

Confirmation of Action Points of the 25th IGM Meeting

Agenda Item	Action Point No.	Action Point	Further Action by
Item 1. Approval of the draft agenda and items of any other business	1	The IGM approved the draft agenda of the meeting as presented.	-
Item 2. Review of action points of the 24th IGM Meeting	2	The IGM approved the report on the status of action points of its 24th meeting.	-
Item 3. Report from the Steering Committee delivered by the Secretariat	3	The IGM approved the report from the Steering Committee delivered by the Director of the Secretariat, including the extension of the 5th Strategic Phase by two years until the end of June 2026.	-
Item 4. Subregional Parallel Sessions	-	-	-
Item 5. Report on subregional cooperation	4	The IGM approved the reports by the Subregional Committees of South Asia, Southeast Asia, Temperate East Asia and the Pacific.	-
Item 6. Confirmation of new members to the	5	The IGM confirmed the following new members and Co-Chairpersons of the SPG-SC, to serve for a	-

¹ IGM/25/A.

new SPG Co-Chairs, SPG-SC, CDC and SC		<p>two-year term until June 2024:</p> <p><i>Co-Chairpersons</i></p> <ul style="list-style-type: none"> • Prof. Wenjie Dong (China) • Dr Awnesh Singh (Fiji) <p><i>Members</i></p> <ul style="list-style-type: none"> • Mr Norbu Gyeltshen (Bhutan) • Dr Fariza Yunus (Malaysia) • Mr Michael Robotham (USA) 	
	6	<p>The IGM confirmed the following new and continuing members to the Capacity Development Committee, to serve for a two-year term until June 2024:</p> <ul style="list-style-type: none"> • Ms Karma Wangmo (Bhutan), provisional • Prof. Juan Phulin (Philippines) • Dr Yuji Masutomi (Japan) • Prof. Patrick Nunn (Australia) 	-
	7	<p>The IGM confirmed the following new and continuing members to the Steering Committee, to serve for a two-year term until June 2024:</p> <p><i>South Asia</i></p> <ul style="list-style-type: none"> • Dr Radha Wagle (Nepal) • Mr Irfan Tariq (Pakistan) <p><i>Southeast Asia</i></p> <ul style="list-style-type: none"> • Mr Muhammad Helmi Abdullah (Malaysia) • (Second nFP to be elected before the 50th SC Meeting to be held in July 2022) <p><i>Temperate East Asia</i></p> <ul style="list-style-type: none"> • Dr Tserendulam Shagdarsuren (Mongolia) <p><i>Pacific</i></p> <ul style="list-style-type: none"> • Dr Douglas Hill (New Zealand) • Dr Luis Tupas (United States of America) 	-
Item 7. Confirmation of action points of the 25th IGM Meeting	-	-	-
Item 8. Any other business and closing	-	-	-

Section 2

Welcome and Opening Remarks

Opening Remarks by Mr Noriaki Suga, Hyogo Prefectural Government, Japan

My name is Suga, Chief Executive Officer, Environmental Management Department, Hyogo Prefectural Government. It is a great pleasure that the 25th Intergovernmental Meeting is held online today.

The realization of carbon neutrality by 2050 is a universal goal.

Towards carbon neutral, Hyogo Prefecture amended the “Hyogo Prefecture Global Warming Countermeasure Promotion Plan” in March of this year. The amendment strengthened the Plan by aiming to reduce greenhouse gas emissions by 48% compared to the fiscal year 2013 and introducing 10 billion kWh of renewable energy in the fiscal year 2030.

To achieve this goal, energy conversion is necessary. We need to shift the energy source from fossil fuel to renewable energy.

We will work to realize the “Regional Circular and Ecological Sphere (local SDGs)” concept that brings the best out of local communities by introducing renewable energy that uses local resources, which will lead to self-sustained and decentralized societies.

Climate change is a common challenge for all, where countries must take collaborative action by following the Paris Agreement that entered into force in 2016. The Hyogo Prefecture has hosted the APN Secretariat since 1999, and we will continue to support establishing a research network on global change in the Asia-Pacific region.

To address environmental issues, cooperation among countries and regions is indispensable. Based on close coordination between member countries and institutions, I hope APN continues to actively provide scientific input to policymaking on global change and disseminate its achievements to other regions. I would like to conclude my remarks by wishing everyone success and prosperity.

Thank you.

Message by Mr Reo Kawamura, national Focal Point (nFP) for Japan and Chairperson of the APN 25th Intergovernmental Meeting

Good afternoon and good morning, everyone.

My name is Reo Kawamura, National Focal Point of Japan, and Director of Office of Global Environment and Decarbonizing Innovation Research, Ministry of the Environment.

As the chairperson of this meeting, I would like to extend my sincere appreciation to distinguished national Focal Points, Scientific Planning Group and Capacity Development Committee members, and Invited Experts to the Scientific Planning Group and the Steering Committee.

Because of the prolonged COVID-19 pandemic, we cannot meet in person today. But I am very pleased that we are able to hold the 25th Intergovernmental Meeting on a virtual basis.

Japan has been supporting the activities of APN as the main donor country since 1996 when APN was established.

Here I am pleased to share the accomplishment of APN, which has been producing many distinct project outcomes and articles on climate change, biodiversity, risk and resilience, and other environmental issues. More than 100 publications from APN-funded projects and activities have been cited in the Working Groups I, II, and III contributions to the IPCC Sixth Assessment Report. These cited publications were generated from over 60 projects and activities supported by APN between 2007 and 2018.

I express my sincere gratitude to the researchers and practitioners based in all APN member countries, who have been supporting APN activities thus far.

Although we still face challenges caused by the pandemic, we will be able to further develop measures based on the 5th Strategic Plan to support new and innovative research to address the challenges.

I hope we will have fruitful and effective discussions and strengthen our cooperation among participating countries.

Lastly, I express again my thanks for your participation and cooperation in the development of APN.

Thank you.

Opening Remarks by Mr Yoichi Toyama, Director of the APN Secretariat

Greetings from Kobe, Japan. Esteemed national Focal points, CDC members, and Invited Experts, ladies and gentlemen.

My name is Yoichi Toyama, Director of the APN Secretariat. I am very happy to meet you even though it is in a virtual setting on Zoom. Thank you very much for your participation in this Joint 25th Intergovernmental Meeting and Scientific Planning Group meeting today.

As you are well aware, we are recently facing various global challenges, not only climate change but biodiversity, food security, energy security, the COVID19 pandemic, among others. Who could have expected such a dire situation when APN was established 25 years ago in 1996? Since then, APN has broadened its target areas as new global challenges occur, and assists in the development of human resilience to tackle the emerging problems being faced in the Asia-Pacific Region.

Thanks to the donors, Japan, New Zealand and the Republic of Korea, and our dedicated experts and engaged scientists who volunteer their precious time, we have undertaken a significant number of successful activities. In the previous phase, the 4th strategic phase from 2015 to 2020, we distributed over USD7 million to fund 119 projects, of which over 70% engaged early-career scientists, directly engaged over 1,600 scientists and published over 650 distinct outputs.

In the current strategic phase I would like to introduce one of our recent and most prominent accomplishments. From last Summer to this Spring, IPCC Sixth Assessment Reports of Working Groups I, II, and III were published. Many scientists engaged in APN projects contributed to these reports, especially WG2 assessment report. With over 100 citations from APN projects, the Secretariat, too, successfully published a paper in the WG2 report, and APN's Science Bulletin articles were also cited. The Secretariat members were also accepted as expert reviewers for the report. Thanks to the cooperation of all of you, we have established a high reputation in this field and are very proud of our contribution to the IPCC, indicating a clear relevance of our work to the policy community and strengthening science-policy linkages.

Today, we will discuss new CRRP and CAPaBLE projects, activities for the coming years, many of which have been delayed due to the Pandemic, and other business including stakeholder engagement, and monitoring and evaluation of the 5 th Strategic Phase. I hope we will have fruitful discussions and reach reasonable conclusions.

Moreover, I hope we can share our respective and common interests, strengthen our relationships and find new room for growing our collaboration with each other in the future.

I would like to take this opportunity to conclude my opening remarks by expressing again my appreciation for your participation and cooperation in the development of APN. Thank you.

Section 3

Main Item Papers



Created: 9 May 2022
Last updated: 16 June 2022
Distribution: General

The 25th Joint Intergovernmental Meeting/ Scientific Planning Group Meeting

23 June 2022

Item 1: Draft Agenda of the 25th Joint Intergovernmental Meeting/Scientific Planning Group Meeting

12:00-12:10	Opening remarks <ul style="list-style-type: none"> • Mr Yoichi Toyama, Director of the Secretariat • Representative from the Hyogo Prefectural Government • Mr Reo Kawamura, nFP for Japan and Chairperson of the 25th IGM Meeting
12:10-12:15	Item 1. Approval of the draft agenda and items of any other business
12:15-12:20	Item 2. Review of action points of the 24th IGM Meeting
12:20-12:40	Item 3. Report from the Steering Committee
12:40-13:10	Item 4. Subregional Parallel Sessions (agenda to be provided separately) <ul style="list-style-type: none"> • South Asia Subregional Committee • Southeast Asia Subregional Committee • Temperate East Asia Subregional Committee • Pacific Subregional Committee
13:10-13:20	<i>Break</i>
13:20-14:20	Interactive session on the IPCC Sixth Assessment Report: Perspectives from the community <ul style="list-style-type: none"> • Intergovernmental Panel on Climate Change (IPCC) <ul style="list-style-type: none"> ◦ WGII Chapter 10 Asia ◦ WGII Chapter 15 Small Islands • Pacific Climate Change Centre (PCCC) • World Climate Research Programme (WCRP)
14:20-14:40	Item 5. Report on subregional cooperation (5 minutes per Committee) <ul style="list-style-type: none"> • South Asia Subregional Committee • Southeast Asia Subregional Committee • Temperate East Asia Subregional Committee • Pacific Subregional Committee
14:40-14:45	Item 6. Confirmation of new members to the new SPG Co-Chairs, SPG-SC, CDC and SC
14:45-14:55	Item 7. Confirmation of action points of the 25th IGM Meeting
14:55-15:00	Item 8. Any other business and closing



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**25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting**
23 June 2022

Item 2 of the draft agenda¹

Item 2. Review of Action Points of the 24th IGM Meeting

Agenda Item	Action Point No.	Action Point	Further Action by	Status
Approval of the draft agenda and items of any other business	1	The IGM approved the draft agenda of the meeting as presented.	-	-
Item 1. Report from the Steering Committee delivered by the Secretariat	2	The IGM approved the report from the Steering Committee delivered by the Director of the Secretariat.	-	-
Item 2. Approval of the Fourth Strategic Phase Report	3	The IGM approved the Fourth Strategic Phase Report presented by the Task Force.	-	-
	4	Members and the Secretariat are to disseminate the Fourth Strategic Phase Report widely to all relevant stakeholders.	IGM, TF, Secretariat	Completed
Item 3. Approval of the Fifth Strategic Plan	5	The IGM approved the draft Fifth Strategic Plan presented by the Task Force.	-	-
Item 4. Approval of the amendments to the Framework Document	6	The IGM approved the proposed amendments to the Framework Document and the Guidance for Members of APN Organs and Suborgans as proposed by Japan.	-	-

¹ IGM/25/1.

Item 5. Report from the Scientific Planning Group	7	<p>The IGM acknowledged the following elected members to the SPG Sub-Committee for the term February 2021-June 2022:</p> <ul style="list-style-type: none"> • Dr Kim Chi Ngo, SPG Member for Viet Nam, <i>SPG Co-Chair</i> • Dr Hemant Borgaonkar, SPG Member for India, <i>SPG Co-Chair</i> • Dr Awnesh Singh, SPG Member for Fiji • Dr Madan Lall Shrestha, SPG Member for Nepal • Dr Luis Tupas, SPG Member for USA 	-	-
	8	The SPG is to form a task force to review the call for proposals and review processes with the aim to streamline the process, ensuring integrity and efficiency.	SPG, Secretariat	Completed
Item 6. Report on subregional cooperation	9	The IGM acknowledged the reports from the subregional committees of South Asia, Southeast Asia and Temperate East Asia.	-	-
	10	The national Focal Point of Malaysia is to liaise with the Secretariat on the arrangements of the 13th Southeast Asia Subregional Committee and Proposal Development Training Workshop.	nFP Malaysia, Secretariat	Completed
	11	The IGM approved the establishment of the Pacific Subregional Committee.	-	-
	12	The Pacific Subregional Committee is to continue the discussion on conducting a scoping meeting in 2022, and consider engaging regional partners and early-career scientists.	P-SRC	Work in progress
Item 7. Presentation from observers on strategic partnerships	13	<p>The IGM acknowledged the following organisations and discussions around strengthening partnerships during the 5th strategic phase:</p> <ul style="list-style-type: none"> • Dr Ailikun, Assistant Executive Director, ANSO • Dr Yuji Masutomi, AP-PLAT, Center for Climate Change Adaptation, NIES • Dr Irène Lake, Director, WCRP-CORDEX • Dr Hein Mallee, Director, Future Earth in Asia • Mr Michikazu Kojima, Senior Economist, ERIA • Dr Sonia Batten, Executive Secretary, PICES 	-	-
Item 8. Confirmation of New Members to the SC and CDC, and new SPG Co-Chairs	14	<p>The IGM acknowledged the appointment of SPG Co-Chairs to serve from February 2021 to June 2022, as follows:</p> <ul style="list-style-type: none"> • Dr Kim Chi Ngo (SPG Co-Chair) • Dr Hemant Borgaonkar (SPG Co-Chair) 	-	-
	15	<p>The IGM acknowledged the membership of the Steering Committee to serve from February 2021 to June 2022, as follows:</p> <p><i>South Asia</i></p> <ul style="list-style-type: none"> • Mr Tenzin Khorlo (Bhutan) • Dr Anil Jasinghe (Sri Lanka) <p><i>Southeast Asia</i></p>	-	-

		<ul style="list-style-type: none"> • Mr Roath Sith (Cambodia) • Mr Henri Bastaman (Indonesia) <i>Temperate East Asia</i> <ul style="list-style-type: none"> • Dr Xu Jun (China) • Prof. Andrey Adrianov (Russian Federation) <i>Pacific</i> <ul style="list-style-type: none"> • Dr Luis Tupas (United States of America) <i>SPG Co-chairs</i> <ul style="list-style-type: none"> • Dr Kim Chi Ngo (SPG Co-Chair) • Dr Hemant Borgaonkar (SPG Co-Chair) <i>nFPs from donor countries</i> <ul style="list-style-type: none"> • Ms Eri Nakajima (Japan) • Dr Douglas Hill (New Zealand) • Ms Min Ji Choi (Republic of Korea) <i>nFP of the host of the next IGM (To be identified)</i> <i>Invited experts (To be co-opted by the SC at its 45th meeting)</i>		
	16	<p>The IGM acknowledged the membership of the Capacity Development Committee, to serve from February 2021 to June 2022, as follows:</p> <p><i>New members:</i></p> <ul style="list-style-type: none"> • Dr Md. Mahmudur Rahman (Bangladesh) • Prof. Juan M Pulhin (Philippines) • Dr Yuji Masutomi (Japan) • Prof. Patrick Nunn (Australia) <p><i>Ex-officio members:</i></p> <ul style="list-style-type: none"> • SC Chair: (To be elected at the 45th SC Meeting) • Dr Kim Chi Ngo (SPG Co-Chair) • Dr Hemant Borgaonkar (SPG Co-Chair) • Ms Eri Nakajima (nFP for Japan) • Dr Douglas Hill (nFP for New Zealand) • Ms Min Ji Choi (nFP for Republic of Korea) 	-	-
Item 9. Confirmation of action points of the 24th IGM Meeting	17	The IGM endorsed the action points presented pending final editorial changes.	-	-
Item 10. Any other business and closing	-	Member countries and the Secretariat are to consider the potential host and means of conducting the 25th Joint IGM/SPG Meeting to be held around June 2022.	Member countries, Secretariat	Completed



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Distribution: IGM

**25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting**
23 June 2022

Item 3 of the draft agenda¹

Item 3.1. Report from the Steering Committee

Summary

This report summarizes the major developments and work undertaken since the 24th Joint Intergovernmental Meeting/Scientific Planning Group Meeting held on 9 February 2021.

1. Change of Members and Secretariat Staff

1.1. Change of Members

National Focal Point

FY 2020

- Republic of Korea: Ms Min Ji Choi, Ministry of Environment (February 2021)

FY 2021

- Bangladesh: Mr Iqbal Abdullah Harun, Ministry of Environment, Forest and Climate Change (July 2021)
- Malaysia: Mr Muhammad Helmi Abdullah, Malaysian Meteorological Department (August 2021)
- Japan: Mr Reo Kawamura, Ministry of the Environment of Japan (September 2021)
- Republic of Korea: Mr Yong-Kwon Song, Ministry of Environment (April 2022)

¹ IGM/25/A.

- Mongolia: Dr Tserendulam Shagdarsuren, Ministry of Environment and Tourism (April 2022)

Scientific Planning Group Member

FY 2021

- United States of America: Dr Michael Robotham, United States Department of Agriculture (December 2021)

Scientific Planning Group Invited Experts

FY 2021

- Prof. Sangam Shrestha, Asian Institute of Technology (July 2021)
- Prof. Fredolin Tangang, Universiti Kebangsaan Malaysia (July 2021)

1.2. Change of Secretariat Staff

Incoming

FY 2020

- Ms Yoshie Seki, Accounts Assistant, Administrative Affairs (March 2021)
- Ms Miki Amau, Head, Administrative Affairs (April 2021)

FY 2021

- Mr Yoichi Toyama, Director (July 2021)

Outgoing

FY 2020

- Mr Iwao Maruyama, Head, Administrative Affairs (April 2021)

FY 2021

- Mr Gen'ichiro Tsukada, Director (July 2021)
- Ms Christmas Uchiyama, Programme Officer, Knowledge Management and Scientific Affairs (May 2022)

2. APN Activities

2.1. Enhancing Strategic Relationships with Global Change and Sustainability Organizations

2.1.1. Alliance of International Science Organization (ANSO)

After the 1st ANSO-APN Scoping Workshop was held in January 2022, the secretariats of both organizations started to develop a draft of a Memorandum of Understanding (MoU) that should stipulate the general framework of collaboration of the two organizations.

The ANSO Secretariat developed and shared the first draft of the MoU with the APN Secretariat.

Further discussions are essential to finalize the MoU. Furthermore, to eradicate any doubt of possible misinterpretation of the document, legal experts' consultation should be considered. The SC will further discuss the draft MoU at its 50th meeting and beyond.

2.1.2. North Pacific Marine Science Organization (PICES)

Shortly after the 48th SC Meeting, held on 10 February 2022, the first Meeting of the Joint APN-PICES Study Group was held online. Fourteen people attended the meeting. APN was represented by members of the Pacific Subregional Committee (P-SRC) and secretariat staff; PICES was represented by members of the secretariat, Science Board and other experts.

The Study Group exchanged its general expectations in the partnership for mutual benefit and started to share ideas of opinions about common themes of the possible collaboration.

The participants also acknowledged the different geographical coverage of their organizations, which need to be considered when developing ideas for possible joint activities.

The 2nd Study Group Meeting was held online on 13 May 2022, resulting in more in-depth discussions about possible common themes of interest, which are, for example, but not limited to:

- Local traditional and indigenous ecological knowledge;
- Marine plastic debris and microplastics;
- Capacity development of early-career professionals, in general; and
- Other activities on themes that can help to contribute to the United Nations' Decade of Ocean Science for Sustainable Development (UNDOS).

The members of the Study Group confirmed to gather further ideas on areas of common interest until the next Study Group meeting, to be held in mid-July, 2022, after the APN 25th Joint IGM/SPG Meeting and other associated meetings.

2.2. Hyogo Activities

2.2.1. Hyogo Forum on SDGs•Climate Change and Food Loss

APN and the Hyogo Prefectural Government jointly organised a hybrid forum (online and face to face) on SDGs•Climate Change and Food Loss on 23 December 2021 in Kobe, Japan. The theme of the forum was "Thinking about SDG, Climate Change and Food Loss from global and familiar perspectives". After Prof. Haruya Tanakamaru, Graduate School of Agricultural Science, Kobe University and Specially appointed lecturer, Risa Kogima, Graduate School of Economics, Kobe University gave speeches on their academic research achievements, Hyogo Prefecture, Kobe City, Yashiro High School made presentations on practical approaches.

2.2.2. Hyogo Forum on Climate Change and Disaster Reduction

APN and Asian Disaster Reduction Center and JICA Kansai and the Graduate School of Disaster Resilience and Governance, University of Hyogo jointly organised an online forum with simultaneous interpretation (Japanese/English) on Climate Change and Disaster Reduction on 13 February 2022. The theme of the forum was "Thinking about sustainable recovery in the context of SDGs" based on the experiences of various disasters, such as the Great Hanshin-Awaji Earthquake and the concept of SDGs. The first part of the lecture was given by Mr Gen'ichiro Tsukada, Director of Climate Change Adaptation Office of MOEJ, etc. on the theme of Urban Development in Consideration of Sustainable

Recovery. The second part of the lecture was given by Prof. Mayumi Sakamoto, Graduate School of Disaster Resilience and Governance, University of Hyogo, etc. on the theme of local communities.

2.2.3. Lectures at University of Hyogo

On 12 June 2021, APN was invited to give a lecture on “Environmental Issues (Climate Change) and Disaster Risk Reduction” under the theme of International Cooperation for Disaster Risk Reduction by the Graduate School of Disaster Resilience and Governance, University of Hyogo. The lecture was made online by Mr Gen’ichiro Tsukada, Director of the Secretariat. After emphasising the importance of taking integrated measures against climate change and disaster risk reduction, Mr Tsukada introduced APN and its activities, including relevant APN-funded projects and the APN paper on reviewing progress made towards the Sendai Framework for Disaster Risk Reduction submitted to Progress in Disaster Science journal.

On 18 January 2022, APN was invited to the same lecture as above from University of Hyogo. The face to face lectures given by Mr.Yoichi Toyama, Director of the Secretariat and Nafesa Ismail, Programme Officer of the Secretariat covered a wide range of environmental issues, including climate change, waste management, and commitment to reducing greenhouse gas emissions, to disaster risk reduction.

2.3. Call for Proposals and Project Management

2.3.1. 2021 Call for Proposals

The 2021 Calls for Proposals for the Collaborative Regional Research Programme (CRRP) and Scientific Capacity Development Programme (CAPaBLE) were launched on 10 November 2021. The Secretariat received 126 proposals of which 81 summary proposals under CRRP and 45 summary proposals under CAPaBLE programme. After a thorough review process, the SPG and CDC received 19 CRRP full proposals and 14 CAPaBLE full proposals for funding consideration.

At the time of writing the present paper, the recommendations have not yet been considered by the 49th Steering Committee, but will be presented in slides on the day of the 25th SPG/IGM Joint Meeting.

2.3.2. Project Management

In FY 2021, the Secretariat managed 13 new projects and 28 continuing projects under CRRP and 12 new projects and 13 continuing projects under the CAPaBLE. In addition, the Secretariat also managed 7 continuing projects under Collaborative Research for Early-Career Scientists (CRECS) Small Grants Programme and 1 continuing project under Any Other Business (i.e. Climate Adaptation Framework Synthesis).

The vast number of continuing projects is largely due to the vigorous impacts of the COVID-19 pandemic which started in January 2020 and is still ongoing. With the introduction of a Project Management Strategy for COVID-19, the Special Circumstances No-cost Extension (CovEX) is given based on individual project circumstances. This has allowed and encouraged Project Leader (PL) to postpone their project activities (i.e. data collection, training workshop) at a later time until it is safer to conduct such activities. To keep track of the project progress, the Secretariat has also requested all continuing PLs to provide status reports (Monitoring Report) twice a year on their current progress as well as major developments/milestones, events, and new outputs or outcomes produced from the

project. This also aids the Secretariat in continuous monitoring and assessment of projects for input into the 5th Strategic Plan in due course.

2.4. Scientific Activities

2.4.1. Climate Adaptation Synthesis

With regards to the Special Issue on Linking Climate Change Adaptation, Disaster Risk Reduction and Loss and Damage, given the current country situation in Sri Lanka, SLYCAN Trust and the Secretariat have come to a decision to postpone the in-person international symposium and writeshop in Colombo. This said, discussions are underway in regards to the international seminar being held virtually via the Zoom platform in order to maintain the momentum and ensure authors continue to be actively engaged. The original schedule will be kept; late August 2022. The writeshop has been tentatively rescheduled for the third week of October (17th-21st) and it is anticipated that a policy brief can be produced in time for dissemination at COP27. Further details are under discussion with SLYCAN Trust.

2.4.2. Regional Circular and Ecological Sphere (R-CES)

2.4.2.1. Project with IGES

With the “Regional Circular and Ecological Sphere (R-CES)” to build a self-reliant and decentralised society that utilises sustainable resources while exchanging urban and rural resources, APN, in collaboration with IGES-KRC, planned a series of scoping workshops in three Southeast Asian countries. The objectives of the scoping workshops are to examine the applicability of the R-CES concept in the country context and discuss how it can be used to enhance the realisation of SDGs.

The first scoping workshop was held online on 17 and 18 February 2022 in collaboration with the Centre for Integrated Natural Resources and Environmental Management of the University of the Philippines Los Baños (UPLB-INREM). The proceedings of the Scoping Workshop are currently under review. The second scoping workshop is currently under discussion with AIT, Bangkok, Thailand.

2.4.2.2. Book Chapter

In addition to the project being conducted with IGES-KRC, the Secretariat has written a book chapter entitled ***Supporting Regional Circular and Ecological Sphere Through Sustainably Managed Lands and Resilient Communities: Case Studies in Asia-Pacific on Socio-Ecological Systems in the Spirit of Satoyama***. This chapter links the R-CES concept with the Hyogo 5-year series of activities on Satoyama. Publication of the Springer book, *Circulating and Ecological Sphere: Concept and Applications*, is expected to be published in July 2022, and is being led by IGES.

2.4.3. Project between APN-IGES on Locally Led Adaptation (LLA) contributing to the AP-PLAT Capacity Building Programme

At the 48th Steering Committee Meeting, it was agreed that a concrete plan for the project that will contribute to the AP-PLAT capacity building programme should be developed. We are pleased to report that following a number of meetings with IGES and MOEJ, that a draft concept has been developed and the activity will be related to locally-led adaptation that will contribute to the Paris Agreement. Further, as MOEJ is currently revising their commissioned work on AP-PLAT with NIES and IGES, the project activity will now contribute to the AP-PLAT capacity building programme rather than be a part of the programme.

In addition to the discussions that have taken place, APN and IGES organised a side event at the Second Global Gobeshona Conference on *Localization of NDC Through Community Led 'Adaptation Innovation' in the Asia Pacific- Needs and Pathways* with key partners who will be engaged in the project. In addition to the outputs of the session as bulleted below, a larger proposal has been submitted for funding (to IDRC) that engages IGES and various APN partners and members.

- Co-creation of knowledge and solutions is key to facilitating effective and sustainable adaptation action.
- Capacity-building should not be one-off, rather, it needs to be like friendship, and a continuation of the partnership should be ensured.
- We need affordable and contextualized technology to ensure workable locally-led adaptation (LLA) practices.
- LLA has to be a part of NAP and NDC implementation to establish effective linkages with national and international policy processes.
- We need a phase wise approach under a long term planning and sustained partnership to truly realize LLA potential for a paradigm shift to transformative adaptation.

The timeline of the project itself will be two years and officially start from July 1 2022. The outcomes will be presented in due course.

2.4.4. IPCC AR6 Citations

Following the release of the Working Groups II and III contributions to the IPCC Sixth Assessment Report (AR6), the Secretariat conducted a citation research and identified over 100 publications from APN-funded projects and activities that have been cited in the Working Groups I, II, and III contributions to the IPCC AR6. The cited publications are generated from over 60 projects and activities supported by APN between 2007 and 2018, and led by researchers and practitioners based in 15 of APN's 22 member countries.

In the Working Group I report, *Climate Change 2021: The Physical Science Basis*, almost half of the cited APN publications appear in Chapter 11, which reviewed the latest scientific knowledge on weather and climate extreme events in a changing climate.

In the Working Group II report, *Climate Change 2022: Impacts, Adaptation and Vulnerability* (February 2022), APN-funded works are referenced in all chapters and four cross-chapter papers, particularly Chapter 10 (Asia), Chapter 15 (Small Islands), and Chapter 5 (Food, fibre, and other ecosystem products). The majority (76%) of the cited APN works appear in the Working Group II report.

In the Working Group III report, *Climate Change 2022: Mitigation of Climate Change* (April 2022), APN-funded work has been cited the most in Chapter 17 (Accelerating the transition in the context of sustainable development), in addition to other chapters addressing mitigation pathways, transport, land use, international cooperation, finance, and cross-sectoral perspectives.

The cited publications cover a variety of topics ranging from climate, ecosystems, health, the food-water-energy nexus, risk and resilience, as well as sustainable development, spanning the full spectrum of APN's thematic focus.

2.5. APN Science Bulletin

The 11th issue of the APN Science Bulletin was published in December 2021. The issue includes 12 articles (5 research papers, 3 case studies, 2 technical reports and 2 reviews), that cover a range of issues mainly related to climate change, resilience, adaptation, and climate-smart technology, with articles focussing on adaptation plans and nationally determined contributions. Others look at loss and damage, including impacts of global change from farming systems to urban infrastructure.

Full-text articles of the APN Science Bulletin, available on <https://www.apnn-gcr.org/bulletin>, have received over 23,000 page views in the calendar year 2021 and over 15,000 page views in the calendar year 2022 at the time of reporting. Individual PDF articles have been downloaded 10,025 times in the calendar year 2021 and over 6,300 times in the calendar year 2022 to date. Articles published under the APN Science Bulletin have been cited in over 170 research papers, as reported by Crossref. Seventeen of these articles have been cited in the Sixth Assessment Report of IPCC. As of June 2022, the top five most cited articles are:

- Kumar, M., Chaminda, T., Honda, R., & Furumai, H. (2019). Vulnerability of urban waters to emerging contaminants in India and Sri Lanka: Resilience framework and strategy. *APN Science Bulletin*, 9(1). doi:10.30852/sb.2019.799
- Tangang, F., Supari, S., Chung, J., Cruz, F., Salimun, E., Ngai, S., . . . Hein-Griggs, D. (2018). Future changes in annual precipitation extremes over Southeast Asia under global warming of 2°C. *APN Science Bulletin*, 8(1). doi:10.30852/sb.2018.436
- Weerahewa, J., Pushpakumara, G., Silva, P., Daulagala, C., Punyawardena, R., Premalal, S., . . . Marambe, B. (2012). Are homegarden ecosystems resilient to climatic change? An analysis of adaptation strategies of homegardeners in Sri Lanka. *APN Science Bulletin*, 2(1), 22–27. doi: 10.30852/sb.2012.22
- Babel, M., & Shinde, V. R. (2018). A framework for water security assessment at basin scale. *APN Science Bulletin*, 8(1). doi: 10.30852/sb.2018.342
- Pham, N. T. T., Nguyen, C. T., Vu, D. T., & Nakamura, K. (2018). Mapping of dengue vulnerability in the Mekong Delta region of Vietnam using a water-associated disease index and remote sensing approach. *APN Science Bulletin*, 8(1). doi: 10.30852/sb.2018.480

The numbers of citations received by articles published under the APN Science Bulletin since 2016 are summarized in the table below.

Calendar year	2016	2017	2019	2020	2021	2022 to date
Total citations received	2	2	9	59	52	41

2.6. Monitoring and Evaluation of the 5th Strategic Phase

The work of drafting the 5th Strategic Plan, as well as the monitoring of the performance along with the identified goals, have been substantially jeopardized by the COVID-19 Pandemic.

The new Strategic Plan was only endorsed by the 24th Intergovernmental Meeting (IGM) in February 2021, with an eight-month delay.

Unfortunately, at the time of writing we are still under a global pandemic. During the first two years of the 5th Strategic Phase, it jeopardized the implementation of a number of strategic activities stipulated in the 5th Strategic Plan. Due to COVID-19, not only has APN had to postpone or suspend many activities, such as Subregional Committee meetings and Proposal Development Training Workshops (PDTWs), numerous discussions on collaborative activities of partnering organizations were delayed, did not progress as planned, or did not take off at all. The vacuum in implementing activities has led to the inevitable situation that there is little to monitor and record. This obstacle has been observed with activities under Goal 1 “Research” Goal 2 “Capacity development”, Goal 3 “Science-policy interactions” and Goal 4 “Stakeholder/community engagement”, in particular.

For Goal 1 “Research” and Goal 2 “Capacity development”, a large percentage of APN-supported projects under CRRP and CAPaBLE will not be able to meet their original objectives in accordance with their original timelines, and the Secretariat continues to implement its COVID Project Management Strategy (allowing for up to two years extension due to delays caused by the pandemic). Project Leaders are reporting severe disruption and stagnation in their activities due to the pandemic and are coordinating well with the Secretariat to adjust timelines, reallocate funds where necessary, and, in some cases, reconsider the scope of project activities.

When considering the need to establish a cutoff line of December 2022 (i.e. 1.5 years before the end of the 5th Strategic Phase) for the completed projects to be taken up in the 5th Strategic Phase Report, it must be conceded that meaningful monitoring of projects, particularly for Goals 1 and 2, is difficult.

For the reasons above, the 25th Intergovernmental Meeting is requested to consider an extension of the 5th Strategic Phase by two years (i.e., until June 2026). The advantages are as follows:

1. Activities that could not be implemented during the period of stagnation in the first two years of the 5th Strategic Phase could be conducted and the results duly incorporated; and
2. CRRP, CAPaBLE and other projects (including R-CES, LLA [contributing to AP-PLAT capacity building programme], CAF synthesis) will have sufficient time to complete their activities. The results could be included in the 5th Strategic Phase Report.

3. Communication, Dissemination, and Outreach

3.1 Participation at International Events

The Secretariat has attended over 30 international events since March 2021, all virtually except UNFCCC COP26 and the 14th meeting of the SBSTA research dialogue. A full list of attended events is included as Appendix 1 of this document.

3.2. Courtesy Calls

On 6 April 2021, Mr Gen’ichiro Tsukada, then Director of the APN Secretariat, made a courtesy call to Ms Min Ji Choi, nFP for the Republic of Korea. Mr Yoichi Toyama, current Director of the APN Secretariat, made a courtesy call to Dr Tserendulam Shagdarsuren, nFP for Mongolia, on 7 June 2022, and to Mr Yong-Kwon Song, nFP for the Republic of Korea, on 9 June 2022. These courtesy calls were conducted virtually.

3.3. New Publications

Since the 24th joint IGM/SPG meeting, 321 new publications have been added to the publication library, bringing the total number of publications to 1,948. Of these new publications, the majority (86.3%) are peer-reviewed materials. A majority of these publications are related to the thematic area of climate (72%), followed by human dimensions (52%), food, water and energy (37%), Air, land, coasts and oceans (36%), Biodiversity and ecosystems (27%), and Risk and resilience (17%).

3.4 Digital Communication

3.4.1. APN Website

The APN website currently holds 1,948 publications from 540 projects conducted by over 1,600 researchers from over 800 organizations. Monthly page views since FY 2019 are shown in the table below.

Table: Sitewide page views on apn-gcr.org since FY 2020 (Source: Google Analytics)

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
FY 2020	7,275	7,782	7,546	7,171	17,371	11,715	11,950	12,926	19,890	20,030	14,477	16,915	155,048
FY 2021	18,911	15,442	20,200	18,601	37,748	29,209	18,124	21,846	27,678	22,527	19,363		249,649

3.4.2. Newsletter

The monthly newsletter “APN Updates” disseminated information on the projects featured in the Fourth Strategic Phase Report, new outputs from ongoing projects, past and upcoming events organized by APN project teams or partner organizations, as well as opportunities and announcements from organizations in the global change community. About 130 project outputs have been highlighted in APN newsletters since March 2021. The average open rate of newsletters since March 2011 is 33.4%.

3.4.3. Social Media

The Secretariat continued to use social media to disseminate outputs from APN projects and activities. The average monthly impression of APN’s Twitter and LinkedIn pages in FY 2021 as of 31 May 2022 is 1,775 and 907, respectively. On Facebook, the average monthly reach for the same period is 1,062.

3.5. Internship Programme

The following interns were selected through an open call launched in September 2021 and joined the Secretariat in December 2021 for a three-month period to support knowledge management activities, particularly content tagging, metadata retrieval and analysis, and social media management.

- Ms Sandra Unnikrishnan (Asian University for Women, Bangladesh)
- Mr Saurav KC (Asian Institute of Technology, Thailand)

Appendix 1. List of International Events Participated by the Secretariat since March 2021

Date	Event
5 Mar 2021	AP-PLAT Capacity Building Workshop

8-12 Mar 2021	7th Asia-Pacific Climate Change Adaptation Forum
23 Mar 2021	APFSD 2021 side event on "Carbon Neutrality: The future of Asia-Pacific"
7 Apr 2021	WCRP Climate Research Forum-Climate Research Priorities for the Next Decade
26 Apr 2021	ISC Second Global Forum of Funders
20-21 May 2021	IGES-START Regional Workshop on Circular and Ecological Sphere
20 May 2021	UNU-IAS/MOEJ/GEOC Webinar on International Day for Biological Diversity
22 May 2021	SLYCAN Trust Twitter Panel for International Day for Biodiversity
25 May 2021	WCRP Climate Research Forum Southeast Asia
26-27 May 2021	Regional Dialogue on “Pacific Climate Change Centre -Promise and Offer to Pacific Island Countries and Territories amid the pandemic”
1-2 Jun 2021	UNFCCC Thirteenth Meeting of the Research Dialogue
3-9 Jun 2021	IPBES Stakeholder Days
14 Jun 2021	IPBES-8 Plenary
2 Jul 2021	First capacity development seminar and workshop, enhancing capacities of local stakeholders in coral triangle in managing blue carbon ecosystems for climate mitigation and adaptation (CBA2020-05SY-Kohsaka)
6 Oct 2021	Belmont Forum CEH2 Asian regional scoping workshop
13-17 Sept 2021	Capacity development programme on air quality management and emission reduction of PM2.5 for Asian countries (CBA2020-01MY-Verma)
29 Sept 2021	Second regional workshop on mapping groundwater resilience to climate change and human development in Asian cities (Groundwater Asia)
1 Nov 2021	PICES Governing Council meeting
2 Nov 2021	UNFCCC COP26 side event: Development and utilization of information platforms towards climate-resilient societies in the Asia-Pacific region
6 Nov 2021	International go green forum: Climate change: An inevitable disaster or a challenge that can be overcome?
15-17 Nov 2021	CORDEX Southeast Asia capacity building workshop
18 Nov 2021	Understanding the APN call for proposals 2021—Capacity building webinar for Southeast Asia (SEA)
19 Nov 2021	Side event at the third INREM conference: Engaging in global change research: Experiences and lessons of APN-funded capacity development projects
26 Nov 2021	Understanding the APN call for proposals 2021—Capacity building webinar for the Pacific
24 Nov 2021	“Best practices to combat climate change and disaster risk” at the third Climate Smart and Disaster Resilient ASEAN International Conference
6 Dec 2021	CORDEX, MAIRS-FE and Future Earth joint workshop
21 Jan 2022	Building resilience to the risk of compound and cascading disasters in the context of climate change—Launch of the new e-learning course on AP-PLAT
27 Jan 2022	ANSO Scoping Workshop
10 Feb 2022	Consultation Meeting of AP-PLAT Capacity Development
16 Feb 2022	First meeting of the APN-PICES study group
17-18 Feb 2022	First national-level scoping workshop on regional CES in the Philippines

21-22 Feb 2022	High-Level Seminar on Environmentally Sustainable Cities
31 Mar 2022	Localization of NDCs through community-led “adaptation innovation” in the Asia-Pacific region: Needs and pathways. Side event held at the Gobeshona Global Conference
28 Apr 2022	Delta resilience and risk governance expert forum—South and Southeast Asia
12 May 2022	APAN Webinar: Engaging with academic and research institutions
30 May 2022	Capacity building for measuring multi-hazard livelihood security and resilience in the Lower Mekong Basin
9 June 2022	Fourteenth meeting of the SBSTA research dialogue



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**25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting**
23 June 2022

Item 3 of the draft agenda¹

Item 3.2. Budget status report for FY2021

Summary

This report summarises the budget status of APN, in the period of FY2021 (as of 31 May 2022).

¹ IGM/25/A.

Budget Status Report for FY 2021/22

(1 July 2021~30 June 2022)

*as of 31 May

Exchange Rates in FY 2021/22

USD 1 = JPY 114

USD 1 = NZD 1.394

USD 1 = KRW 1,117

All figures in USD

Resources

MOEJ (JPY205,952,000)	1,806,596
Hyogo (JPY 18,546,000→18,672,000)	163,789
New Zealand (NZD 30,000)	21,522
Republic of Korea (KRW 47,000,000)	42,062
Refunds from projects & exchange rate fluctuations in FY 2019/2020	210,285
Other balance from FY 2019/2020	149,804
Contingency	100,000
Total (A)	2,494,059

Use of Resources

Projects and Other Activities	Allocation	Expenditure	Committed	Balance
Collaborative Regional Research Programme (CRRP)	901,000	660,800	240,200	0
Capacity Development Programme (CAPaBLE)	522,700	418,160	104,540	0
Reallocation from CRRP (approved at SC48)	56,300	0	40,000	16,300
Science-policy linkages	10,000	3,779	6,221	0
Development of a strategy to monitor and evaluate the implementation of the SSP Goals	5,000	0	5,000	0
Proposed new activity: AP-PLAT capacity building project	60,000	0	60,000	0
Proposal Development Training Workshop (PDTW) in the Pacific	50,000	0	50,000	0
APN Meeting (25th IGM, SC, SPG-SC, CDC)	100,000	501	99,499	0
Travel for scientific events	15,000	0	15,000	0
Travel for institutional affairs	5,000	0	5,000	0
Hyogo Activities	30,000	18,188	11,812	0
Collaboration with like-minded institutions	5,000	0	5,000	0
Sub Total Projects and Other Activities (B)	1,760,000	1,101,428	642,272	16,300

Administration and Operational Costs	Allocation	Expenditure	Committed	Balance
Personnel cost	531,105	449,029	82,076	0
Travel for administrative purposes	4,000	15	3,985	0
General maintenance & operational cost	35,000	23,672	11,328	0
Equipment upgrade	9,754	175	9,579	0
IGES administrative overhead (3% of MOEJ contribution)	54,200	0	54,200	0
Sub Total Administration and Operational Costs (C)	634,059	472,891	161,168	0

Contingency (D)	100,000	0	100,000	0
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Total (B)+(C)+(D)	2,494,059	1,574,319	903,440	16,300
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Committed Resources

Carry-over from FY2020 due to COVID-19	Allocation	Expenditure	Committed	Balance
Proposal Development Training Workshop (PDTW) in Southeast Asia (SEA)	50,000	0	50,000	0
Syntheses of products from Climate Adaptation Framework	30,000	24,000	6,000	0
Carry-over from FY2019 due to COVID-19	Allocation	Expenditure	Committed	Balance
PDTW-SA	50,000	0	50,000	0
Pacific Scoping Meeting	44,825	0	44,825	0
Carried over for Ongoing Projects (FY 2016~FY 2020)	Allocation	Expenditure	Committed	Balance
CRRP 2020	239,000	0	239,000	0
CAPaBLE 2020	195,700	73,360	122,340	0
CRECS 2019+2020	52,000	38,400	13,600	0
Scoping Activity on Regional Circular and Ecological Sphere (R-CES)	11,280	0	11,280	0
Communication, publications and knowledge management	37,719	3,359	34,360	0
CRRP 2019	186,110	4,163	159,827	22,120
CAPaBLE 2019	89,476	18,963	68,577	1,936
ECSC (Early Career Science Communicators) 2019	5,991	4,500	1,491	0
CRRP2018	172,390	(32,486)	155,290	49,586
CAPaBLE 2018	74,219	22,200	42,219	9,800
ARCP (CRRP) 2017	56,346	0	39,888	16,458
CAPaBLE 2017	6,800	6,644	0	156
CAF 2017	6,800	6,800	0	0
ARCP (CRRP) 2016	24,000	0	24,000	0
12th SRC-SEA Meeting	0	(6,867)	0	6,867
Sub Total Committed Resources (E)	1,332,656	163,036	1,062,697	106,923

Total Resources under Operation in FY 2021/22 (B)+(C)+(D)+(E)	3,826,715	1,737,355	1,966,137	123,223
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**25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting**
23 June 2022

Item 3 of the draft agenda¹

Item 3.3. Proposed work programme and budget plan for FY2022

Summary

This report summarises the work programme and budget plan for FY 2022, as approved by the Steering Committee at its 49th meeting held on the 22nd June 2022.

¹ IGM/25/A.

Budget Plan for FY 2022/23

(1 July 2022~30 June 2023)

*as of 1 June 2022

Exchange Rates in FY 2022/23

USD 1 = JPY 130

USD 1 = NZD 1.506

USD 1 = KRW 1,247

All figures in USD

Resources

MOEJ (JPY 205,952,000)	1,584,246
Hyogo (JPY 19,282,000)	148,323
New Zealand (NZD 30,000)	19,920
Republic of Korea (KRW 46,000,000)	36,900
Refunds from projects & exchange rate fluctuations in FY 2020/2021	237,851
Other balance from FY 2020/2021	119,027
Contingency	100,000
Total (A)	2,246,267

Use of Resources

Projects and Other Activities	Allocation	Revised Allocation
Collaborative Regional Research Programme (CRRP)	900,000	to be revised for 50th SC
Capacity Development Programme (CAPaBLE)	500,000	to be revised for 50th SC
Science-policy linkages; Travel for Scientific events	30,000	
APN Meeting (SC, SPG-SC, CDC)	38,500	
Travel for institutional affairs	12,000	
Hyogo Activities	30,000	
Outsourcing translation cost mainly for Hyogo events	13,000	
Sub Total Projects and Other Activities (B)	1,523,500	

Administration and Operational Costs	Allocation
Personnel cost	530,000
Travel for administrative purposes	4,000
General maintenance & operational cost	36,000
Equipment upgrade	5,240
IGES administrative overhead (3% of MOEJ contribution)	47,527
Sub Total Administration and Operational Costs (C)	622,767

Contingency (D)	100,000
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Total (B)+(C)+(D)	2,246,267
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Committed Resources

Carry-over from FY2021	Allocation
Proposal Development Training Workshop (PDTW) in the Pacific	50,000
Proposed new activity: AP-PLAT capacity building project	60,000
Development of a strategy to monitor and evaluate the implementation of the 5SP Goals	5,000
Collaboration with like-minded institutions	5,000
Carry-over from FY2020 due to COVID-19	Allocation
Proposal Development Training Workshop (PDTW) in Southeast Asia (SEA)	50,000
Syntheses of products from Climate Adaptation Framework	16,000
Carry-over from FY2019 due to COVID-19	Allocation
PDTW-SA	50,000
Pacific Scoping Meeting	44,825
Carried over for Ongoing Projects (FY 2016~FY 2021)	Allocation
CRRP 2021	240,200
CAPaBLE 2021	144,540
CRRP 2020	239,000
CAPaBLE 2020	122,340
CRECS 2019+2020	13,600
Scoping Activity on Regional Circular and Ecological Sphere (R-CES)	11,280
Communication, publications and knowledge management	34,360
CRRP 2019	159,827
CAPaBLE 2019	68,577
ECSC (Early Career Science Communicators) 2019	1,491
CRRP2018	155,290
CAPaBLE 2018	42,219
ARCP (CRRP) 2017	39,888
ARCP (CRRP) 2016	24,000
Sub Total Committed Resources (E)	1,457,437

Total Resources under Operation in FY 2022/23 (B)+(C)+(D)+(E)	3,703,704
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**25th Joint Intergovernmental Meeting/
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23 June 2022

‘Interactive Session’ of the draft agenda¹

Interactive Session on IPCC 6th Assessment Report: Perspectives from the Community

Working Group II Report of the Intergovernmental Panel on Climate Change 6th Assessment Report (IPCC AR6), released in February 2022, emphasises that the impacts of climate change are increasing in frequency and intensity around the globe, particularly life-threatening heatwaves, floods, storms and droughts. The report also highlights that these disasters often happen simultaneously in one place, making adaptation measures more critical than ever. Moreover, the world is halfway through the time to achieve the United Nations’ Sustainable Development Goals (2015~2030).

Recalling that the 5th Strategic Plan of APN attaches high importance to enhanced communication and collaboration with other organizations working on global change and sustainability, the following four experts are invited to make presentations:

- **Prof. Sangam Shrestha (AIT)**
Special Issue “Climate Change Impact, Vulnerability and Adaptation: Asian Perspective”

The presentation will focus on the collaborative efforts of AIT, APN and APN funded project leaders and members to publish a special issue entitled ‘Climate Change Impact, Vulnerability and Adaptation: Asian Perspective’ in the Environmental Research journal. This special issue is composed of fifteen original articles contributed by the project leaders or members of the projects supported by APN over the last 5 years (2015–2019). The contributors to the issue were first invited to present the papers in ‘International Symposium on Climate Change Impacts, Vulnerability and Adaptation: Asian Perspective’ on 16–18 October 2019 at the Asian Institute of Technology (AIT), Thailand. The seven articles of this special issue have been cited in the Working Groups I and II, to the IPCC Sixth Assessment Report.

¹ IGM/25/I.

- **Prof. Patrick Nunn (University of the Sunshine Coast, University of the South Pacific, Salomon Islands National University)**

Climate Change Adaptation in Asia-Pacific Islands: Insights from the IPCC 6th Assessment Report

The livelihoods of the inhabitants of ‘small’ islands are more exposed to climate change because of their geography than most other parts of the world. In addition, the comparatively high degree of dependence of island peoples on healthy and productive island environments (especially for water and food security) underscores the need for locally-designed locally-sustained adaptation. Adaptive action that privileges global science and sidelines indigenous knowledge and worldviews will continue to fail many Pacific SIDS. These island nations need assistance to develop and implement adaptation that is culturally-acceptable and also does not depend on external funding. Trends of growing dependency should be replaced by trends of growing autonomy.

Many island ecosystems are projected to be altered as a result of climate change over the next two decades, requiring the development of island-specific climate resilient pathways that can be sustained by local residents with minimal outside engagement. Recognition of ‘hard limits’ to adaptation for island-coastal communities, especially those that are subsistence-oriented, require that these will have to be relocated upslope or inland or offshore and their current water and food systems appropriately reconfigured. Of special concern is the likely collapse of reef ecosystems mid-century.

Outsider messaging around the ‘helplessness’ of resilient island communities and peoples who are said to occupy ‘small’ islands, as they typically have for millennia, is meaningless and debasing. Appropriate action can result in sustainable futures for most island peoples.

- **Ms Yvette Kerslake (Pacific Climate Change Centre (PCCC))**

The Pacific Climate Change Centre

The vision of the Pacific Climate Change Centre (PCCC) hosted at SPREP provides practical support and training to address their adaptation and mitigation priorities in the Pacific. The PCCC is underpinned by strong partnerships with Pacific Governments, applied research institutions, donors and non-government organisations, CROP agencies and private sector. These collaborations have led to innovative products which are increasing resilience in the Pacific. The PCCC is committed to using IPCC findings as well as Pacific research as the scientific basis to provide services and products to be used by PICT. The products directly support more effective decision-making in Pacific communities.

- **Dr Chi Huyen Truong (ICIMOD)**

The new WCRP Lighthouse Activities and My Climate Risk

The presentation gives an overview of World Climate Research Programme (WCRP) and its recent transition, highlighting its new structure and direction. It then focuses on My Climate Risk (MCR), one of WCRP’s Lighthouse Activities, its distinctive vision, goal, purpose, innovative structure, and experimental modality. It indicates how MCR can inspire the transformation of the use of climate knowledge for meaningful action and lasting impact.

Some time is reserved for a short discussion round after the presentations.

- **Prof. Patrick Nunn (University of the Sunshine Coast, University of the South Pacific, Salomon Islands National University)**

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Some time is reserved for a short discussion round after the presentations.



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**25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting**
23 June 2022

Item 5 of the draft agenda¹

Item 5. Report on Subregional Cooperation

The South Asia Subregional Committee, Southeast Asia Subregional Committee, Temperate East Asia Subregional Committee and the Pacific Subregional Committee will present the discussions held at their respective parallel sessions under Item 4. Subregional Parallel Sessions of this present meeting.

Summary

The following slides summarise the discussion and decisions made at the plenary and the following subregional parallel sessions held on the 23rd June 2022:

1. Report from Secretariat
2. South Asia Subregional Committee
3. Southeast Asia Subregional Committee
4. Temperate East Asia Subregional Committee
5. Pacific Group

¹ IGM/25/1.

IGM/25/6

Report on Subregional Cooperation

25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting
23 June 2022



South Asia Subregional Committee

**Presenter is Ms Janaki Amaratunge
(nFP alternate for Sri Lanka)**

Election of two national Focal Points to the Steering Committee

- Dr Radha Wagle (Nepal)
- Mr Irfan Tariq (Pakistan)

Election of one expert to the Capacity Development Committee

- Ms Karma Wangmo, Assistant Environment Officer, National Environment Commission Secretariat (*provisional*)

Election of Chair and Vice-Chair of the South Asia Subregional Committee

- Chair: Dr Anil Jasinghe (nFP for Sri Lanka)
- Vice-Chair: Prof. Giashuddin Miah (SPG member for Bangladesh) (*provisional*)

Discussion on holding an in person proposal development training workshop and subregional committee meeting

- [Provisional] Agreed to host the events back-to-back with the Climate Adaptation Framework writing workshop to be conducted in Oct 2022.

Southeast Asia Subregional Committee

Presenter is Mr Muhammad Helmi Abdullah, nFP Malaysia



(1) Election of two national Focal Points to the Steering Committee (2022-2024)

- Mr Muhammad Helmi Abdullah, nFP Malaysia
- Second nFP to be elected before the 50th Steering Committee Meeting. This will be conducted by email.

(2) Election of one expert to the Capacity Development Committee

- Prof. Juan Pulhin, Department of Social Forestry and Forest Governance, College of Forestry and Natural Resources, University of the Philippines Los Baños, Philippines

(3) Discussion on holding the 13th Southeast Asia SRC and PDTW in person and back-to-back with a one day training workshop by Prof Mukand Babel (water security tool) at the Asian Institute of Technology

- Agreed that Thailand will host the 13th SEA-SRC, PDTW back-to-back with a one-day training workshop. This will be discussed further with Profs. Mukand Babel and Sangam Shrestha together with the members of SEA subregional committee and the Secretariat.
- Dates of the activities will be fixed for a time between March and May 2023, depending on the schedule of other SRC-related meetings.

(4) Election of Chair and Vice-Chair of the Southeast Asia Subregional Committee

- Chair: Dr Monthip Sriratana, nFP for Thailand (pending her acceptance)
- Vice-Chair: to be elected before the 50th Steering Committee Meeting pending discussion with all members who were not able to join the meeting
- The Secretariat confirmed after the meeting that both nFPs and SPG members are eligible for the positions

Temperate East Asia Subregional Committee

Presenter: Dr Soojeong Myeong, SPG member for ROK



Election of two national Focal Points to the Steering Committee

- Dr Tserendulam Shagdarsuren, Director General, Climate Change Department, Ministry of Environment and Tourism, Mongolia

Election of one expert to the Capacity Development Committee

- Dr Yuji Masutomi, Head, Center for Climate Change Adaptation, National Institute for Environmental Studies, Japan

Election of Chair and Vice-Chair of the Temperate East Asia Subregional Committee

- Chair: Dr Soojeong Myeong (SPG member for the Republic of Korea)
- Vice-Chair: Prof. Kensuke Fukushi (SPG member for Japan)

The Pacific Subregional Committee

Asia-Pacific Network for Global Change Research

Presenter: Dr Luis Tupas, nFP for the United States of America

Election of two national Focal Points to the Steering Committee

- Dr Douglas Hill (New Zealand)
- Dr Luis Tupas (United States of America)
- (After the nFP for Fiji is appointed, invite him/her to serve on the Steering Committee representing the Pacific Subregional Committee. Dr Hill will remain on the Steering Committee as the representative of a donor country)

Election of one expert to the Capacity Development Committee

- Prof. Patrick Nunn, Professor of Geography, University of the Sunshine Coast, Australia

Election of Chair and Vice-Chair of the Pacific Subregional Committee

- Chair: Dr Michael Robotham (SPG member for the United States of America)
- Vice-Chair: Dr Awnesh Singh (SPG member for Fiji)

Discussion on the scoping workshop, proposal development training workshop and subregional committee meeting

- Agreed to postpone the events scheduled for 3-7 October 2022 to a later date (host is the University of the South Pacific)
- The Secretariat will make a courtesy call to the Australian government on 3-7 October 2022 and request the appointment of a nFP and SPG member for Australia.

Additional information

- The Pacific Subregional Committee will hold the third study group meeting with PICES on 14 July 2022 (JST).

Thank you.





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**25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting
23 June 2022**

Item 6 of the draft agenda¹

Item 6. Confirmation of New Members to the New SPG Co-Chairs, SPG-SC, CDC and SC

The IGM will confirm the new Scientific Planning Group (SPG) Co-Chairpersons and Scientific Planning Group Sub-Committee (SPG-SC) members nominated by the current SPG-SC and confirmed by the SPG. Additionally, the IGM will confirm new members of the Capacity Development Committee (CDC) and the Steering Committee (SC) nominated by each subregional committee.

¹ IGM/25/1.

IGM/25/6

Confirmation of new members to the new SPG Co-Chairs, SPG-SC, CDC and SC

25th Joint Intergovernmental Meeting/
Scientific Planning Group Meeting
23 June 2022



New Scientific Planning Group Co-Chairpersons

- Prof. Wenjie Dong (China)
- Dr Awnesh Singh (Fiji)



New members of the Scientific Planning Group Sub-Committee

- Mr Norbu Gyeltshen (Bhutan)
- Dr Fariza Yunus (Malaysia)
- Dr Michael Robotham (USA)



New and Continuing Members to the Capacity Development Committee

South Asia

- Ms Karma Wangmo, Assistant Environment Officer, National Environment Commission Secretariat, Bhutan (*provisional*)

Southeast Asia

- Dr Juan Phulin, Professor, College of Forestry and Natural Resources, University of the Philippines Los Baños



Temperate East Asia

- Dr Yuji Masutomi, Senior Researcher, National Institute for Environmental Studies, Japan



Pacific

- Prof. Patrick Nunn, Professor of Geography and Co-Director of the Sustainability Research Centre, University of the Sunshine Coast, Australia



New Members to the Steering Committee

South Asia

- Dr Radha Wagle (Nepal)
- Mr Irfan Tariq (Pakistan)

Southeast Asia

- Mr Muhammad Helmi Abdullah (Malaysia)
- Second nFP to be elected before the 50th Steering Committee Meeting

Temperate East Asia

- Dr Tserendulam Shagdarsuren (Mongolia)

Pacific

- Dr Douglas Hill (New Zealand)
- Dr Luis Tupas (United States of America)

The Pacific Subregional Committee

Asia-Pacific Network for Global Change Research

Presenter: Dr Luis Tupas, nFP for the United States of America

Election of two national Focal Points to the Steering Committee

- Dr Douglas Hill (New Zealand)
- Dr Luis Tupas (United States of America)
- (After the nFP for Fiji is appointed, invite him/her to serve on the Steering Committee representing the Pacific Subregional Committee. Dr Hill will remain on the Steering Committee as the representative of a donor country)

Election of one expert to the Capacity Development Committee

- Prof. Patrick Nunn, Professor of Geography, University of the Sunshine Coast, Australia

Election of Chair and Vice-Chair of the Pacific Subregional Committee

- Chair: Dr Michael Robotham (SPG member for the United States of America)
- Vice-Chair: Dr Awnesh Singh (SPG member for Fiji)

Discussion on the scoping workshop, proposal development training workshop and subregional committee meeting

- Agreed to postpone the events scheduled for 3-7 October 2022 to a later date (host is the University of the South Pacific)
- The Secretariat will make a courtesy call to the Australian government on 3-7 October 2022 and request the appointment of a nFP and SPG member for Australia.

Additional information

- The Pacific Subregional Committee will hold the third study group meeting with PICES on 14 July 2022 (JST).

Thank you.





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