

AP-PLAT:

Asia Pacific Climate Change Adaptation Information Platform

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AP-PLAT

Asia-Pacific Climate Change Adaptation Information Platform

**Bridging Science and Policy: Journey of AP-PLAT
for Climate Resilient Asia-Pacific**

ISAP 2022
1 December 2022 JST 4pm-5pm

What is **AP-PLAT**?

AP-PLAT is a web-based information platform on climate change adaptation in Asia-Pacific region.

TOWARDS A CLIMATE-RESILIENT ASIA-PACIFIC

AP-PLAT supports decision-making and practical adaptation actions
by providing scientific climate change risk information and tools for the Asia-Pacific

Our goal is to contribute to the sustainability and resilience of the Asia-Pacific region by informing decisions and supporting adaptation actions

AP-PLAT
Asia-Pacific Platform for Climate Resilient Adaptation

TRANSLATE CONTACT

GET STARTED DATA&TOOLS ADAPTATION LEARNING ADAPTATION PLAN BUSINESS CASE STUDY USEFUL INFO NEWS ABOUT

TOWARDS CLIMATE-RESILIENT ASIA-PACIFIC

AP-PLAT supports decision-making and practical adaptation actions by providing scientific climate change risk information and tools for the Asia-Pacific

About Us

LATEST UPDATES

ALL UPDATE

<p>Global News</p> <p>23 Apr 2021</p> <p>1 Updated: Global News on Adaptation</p>	<p>Activities</p> <p>23 Apr 2021</p> <p>2 Video message from NIES Center for Climate Change Adaptation for "Platform for Redesign 2020"</p>	<p>International Cooperation</p> <p>23 Apr 2021</p> <p>3 Updated: International Cooperation on climate change impact assessment and promotion of adaptation by the Ministry of the Environment of Japan</p>	<p>Tools & Guidelines</p> <p>23 Apr 2021</p> <p>4 Country-Level Impacts of Climate Change (CLICC)</p>	<p>Tweets by @ap_plat</p> <p>How you have heard of "Interdisciplinary Adaptation Information Platform" so-called AP-PLAT, we want info to promote adaptation using grass and businesses. Correct the adaptations for local goes and private sectors are needed. Please take a look at this link.</p> <p>Embed View on Twitter</p>
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GET STARTED

CLIMATE CHANGE

Climate change is an unquestionable phenomenon. The latest scientific findings show the impact of human activity on the climate in the past and in the future, and that global temperatures are rising faster than expected, which is why we need to achieve carbon neutrality as soon as possible.

CLIMATE CHANGE

TEMPERATURE PROJECTION VIDEO

Climate models are the primary tools available for investigating the response of the climate system to various forcings, for making climate predictions on a range of time scales from seasonal to decadal, and for making projections for the future climate of the coming century and beyond. This animation shows the change in air temperature (2 m from surface) at each point on the earth from around 1980 to the future using a projection by the Model for Interdisciplinary Research on Climate version 6 (MIROC5).

IMPACTS & ADAPTATION

The effects of climate change are already being felt around the world. In addition to the widely known mitigation measures, such as efforts to reduce greenhouse gas emissions, it is increasingly important to adapt to the impacts of climate change that are already occurring now.

IMPACTS & ADAPTATION

<https://ap-plat.nies.go.jp/>

<https://ap-plat.nies.go.jp/index.html>

<https://ap-plat.nies.go.jp/index.html>

How did **AP-PLAT** Come about?

According to the **Climate Change Adaptation Act** of Japan (Effective Dec. 2018)

Article 18: Promotion of International Cooperation

The national government shall develop **an international system for sharing information on Climate Change**, etc., as well as endeavor to develop international cooperation including technical cooperation for developing areas for Climate Change Adaptation.

Launched June 2019
by the Ministry of Environment of Japan



@G20 Ministerial Meeting on Energy Transitions and Global Environment for Sustainable Growth

Who hosts **AP-PLAT**?



Center for Climate Change Adaptation

Since Dec 2018, according to the Climate Change Adaptation Act

- conducts **strategic research** on the adaptation measures through **observational research and monitoring** of climate change impacts
- provides **technical advice** to local authorities and regional climate change adaptation centers in Japan and the broader Asia-Pacific region.



National
Institute for
Environmental
Studies, Japan

Also hosts:

- Sibling platform for Japanese audience
• Since August 2016



A-PLAT

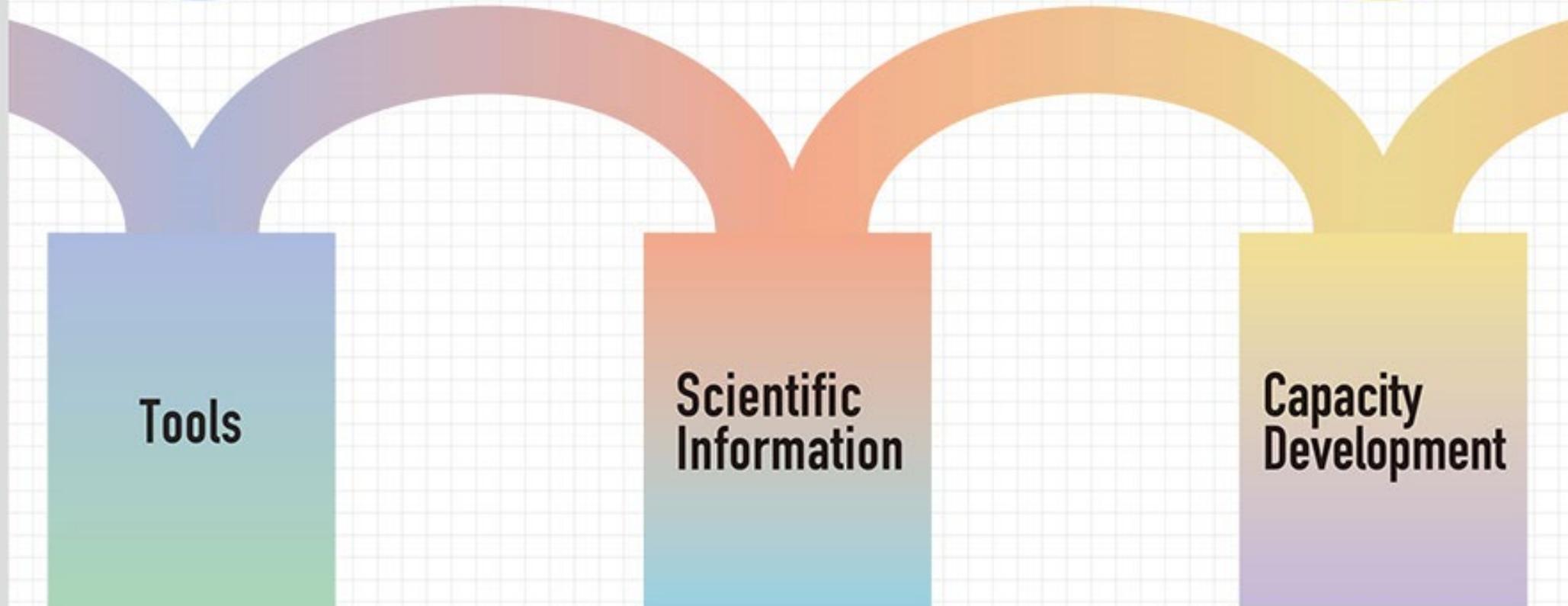
CLIMATE CHANGE ADAPTATION
INFORMATION PLATFORM



<https://adaptation-platform.nies.go.jp/en/>



**AP-PLAT bridges science and stakeholders
in climate change adaptation
in the Asia-Pacific region.**



Tools

**Scientific
Information**

**Capacity
Development**

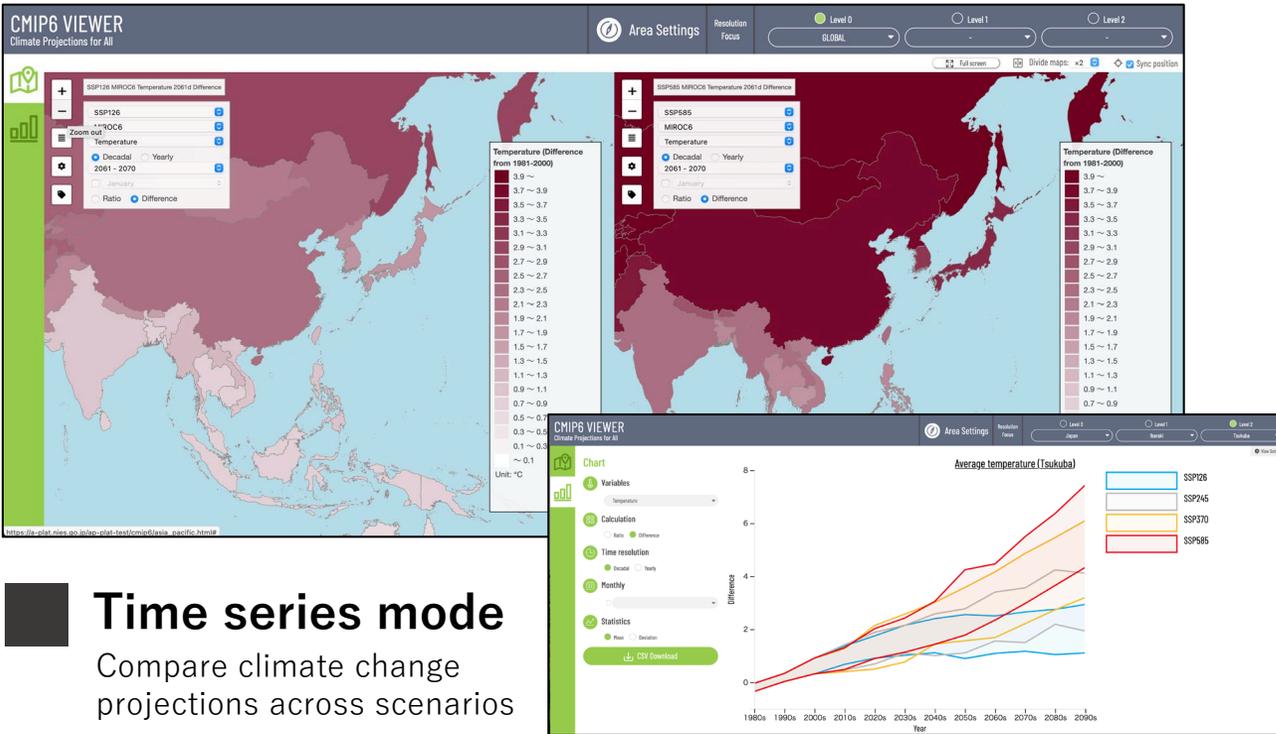
THE THREE PILLARS OF AP-PLAT'S ACTIVITIES

Scientific tools

ClimoCast (CMIP6 Climate Viewer and Downloader)

Map mode

Geographically compare future climates between climate scenarios (10 GCMs and 4 SSPs)



Time series mode

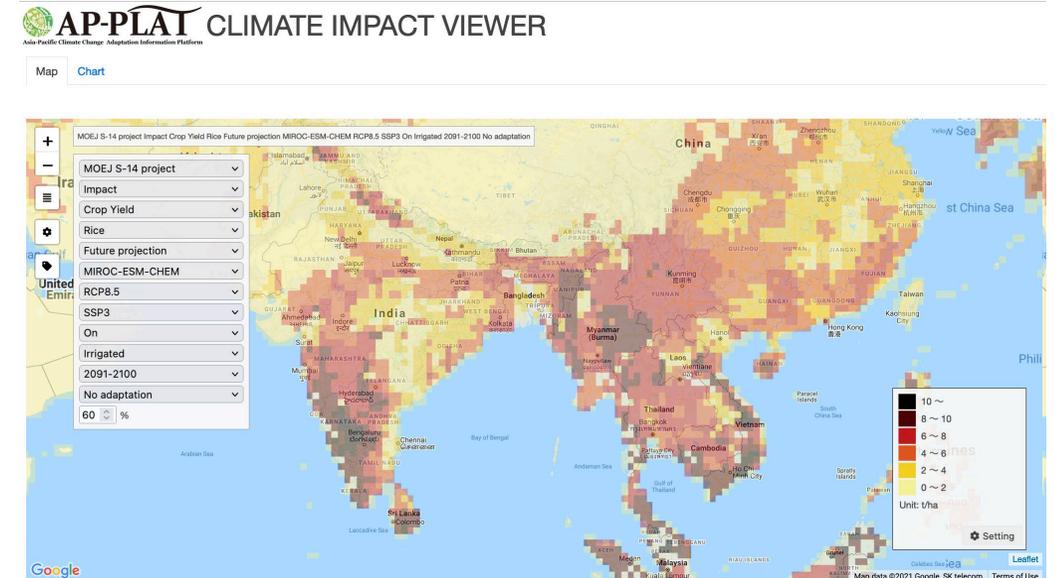
Compare climate change projections across scenarios

[Download data](#) in CSV format

Climate Impact Viewer

Map viewer

Geographically understand climate change impacts and the effect of adaptation



A wide range of sectors

Extreme weather, Sea level rise, Health, Agriculture, Water resources, and Ecosystem

Capacity development



HOME > ADAPTATION LITERACY

RESOURCES

E-LEARNING COURSES

We are developing self-paced e-learning videos for the emerging adaptation issues such as Nature-based Solutions. Start now to learn.

WEBINARS

Past collaborative activities with key institutions to promote knowledge exchange are available here. Get access to our past webinars here.

TOOLS

Applying appropriate scientific tools is essential to plan, implement, monitor, and finance adaptation projects. Explore our datasets and state-of-the-art applications for forecasting future climate impacts under different scenarios.

Primary Target User

Governmental officer in the Asia-Pacific region and supporting development consultants

Objectives

To develop a deeper understanding of the topics covered by each E-Learning course as well as acquire or enhance relevant skills through self-learning courses.



DEVELOPING CONCEPT NOTES FOR THE GCF SIMPLIFIED APPROVAL PROCESS

August 2022

This course has been carefully designed to provide guidance on the fundamental components of project development following the principles of learning-by-doing. After completing the course, you will gain the ability to develop a high-quality concept note for the Green Climate Fund's Simplified Approval Process (GCF SAP), which will help you apply for project preparation funding and advance towards the Funding Proposal stage.



ACCESSING THE GCF FOR ADAPTATION

March, 2022

The Green Climate Fund (GCF) is a key source of finance for adaptation projects or programmes, but the arrangements, know-how and skills to access funding can be cumbersome to proponents. This course covers a series of insights, guidance, and experiences regarding accreditation, technology transfer, and project formulation to support improve and accelerate accessing climate finance.



UTILIZE A CLIMATE PROJECTION TOOL "CLIMOCAST" FOR THE NAP PROCESS

March, 2022

CMIP6 Climate Viewer "ClimoCast" is an innovative tool that makes climate projection possible for everyone. This e-learning course explains how ClimoCast can be used to develop a convincing plan for the NAP process, especially when it comes to financing the implementation of adaptation measures.



(picture by Luis Patron)

NATURE-BASED SOLUTIONS FOR THE LOCAL COMMUNITIES

October, 2021

This e-learning course on NbS is designed to help local officers in vulnerable countries learn how to integrate NbS into their policy/financing processes with respect to climate change adaptation, disaster risk management, and other issues.

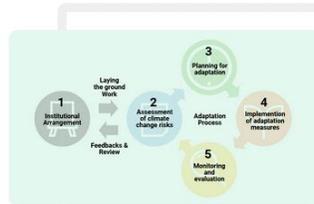
And more

Freshly launched: Adaptation planning



HOME > ADAPTATION PLANNING

Adaptation planning, implementation, and monitoring and evaluation (M&E) based on scientific impact assessments are core components of adaptation to climate change. Sustainable adaptation requires these three stages to be revisited periodically. This page provides practical information for countries in all stages of this cyclical process. Our resources will help you understand the position, role, and significance of adaptation planning. We provide guidance on National Adaptation Plans (NAPs) and others in the UNFCCC process, as well as information on the status of adaptation planning in the Asia-Pacific. We hope this will help you develop and update your adaptation plans.



ADAPTATION PLAN DEVELOPMENT PROCESS

Whether you're looking to update an adaptation plan or are intending to start on one, engaging in the adaptation planning process is important work. Once you identify where your country is located in the process, you will find useful information such as tools and good practices.

[SEE MORE](#) →



NAP PROCESS UNDER THE UN FRAMEWORK

What do nations need to implement under the UNFCCC framework? How does this relate to adaptation planning? Understand why adaptation planning is necessary in the long run to implement the Paris Agreement. Learn about the latest trends in international adaptation negotiations and support systems for NAP formulation under the UN bodies.

[SEE MORE](#) →

EXPANDED UPDATE Adaptation Planning

AP-PLAT's guidance on planning for climate change adaptation have undergone major updates and expansion. Get up to date on the position, role, and importance of adaptation planning and National Adaptation Plans (NAPs), receive practical guidance for implementing the UNFCCC process, and learn about the status of adaptation planning in your region.

[Go to Planning](#)



STATUS OF ADAPTATION IN THE ASIA-PACIFIC

What adaptation plans are being developed in the Asia-Pacific? Learn some of the most distinctive features and best practices, and find the latest information on adaptation plans being carried out by your neighboring countries, or by countries facing similar challenges.

[SEE MORE](#) →



FINANCE & IMPLEMENTATION

Identify key points, good practices, and useful examples for financing both in the planning and implementation phases of adaptation.

[See More](#)



MONITORING & EVALUATION

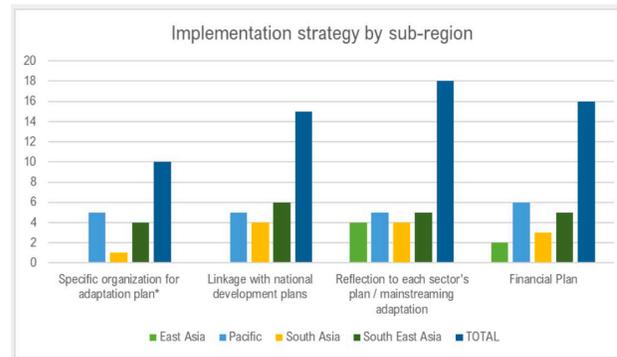
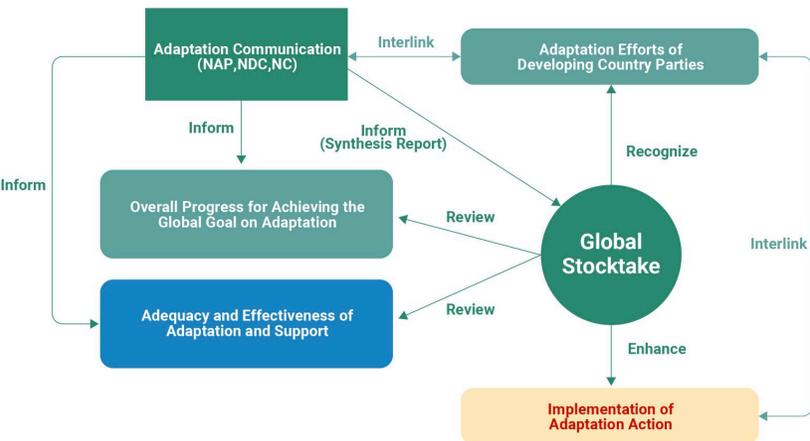
Once adaptation measures are implemented, Monitoring and Evaluation (M&E) is conducted to track and evaluate the effectiveness of adaptation measures. Find useful resources including the latest discussions and good practices here.

[See More](#)

New page on **adaptation planning**



- Practical information in all processes of adaptation plan development
- Guidance on National Adaptation Plans (NAPs) and others in the UNFCCC process
- Information on the status of adaptation planning in the Asia-Pacific.



South East Asia
Timor-Leste 🇹🇱

Timor-Leste's National Adaptation Plan

Addressing climate risks and building climate resilience

Photo: Trevor Skilton-Chiver from Unsplash

Pacific
Kiribati 🇰🇮

National Adaptation Plan (NAP) 2019-2028

Summary for policy makers

Photo: Charly W. Karl from Flickr

Photo: Flickr

South Asia
Nepal 🇳🇵

National Adaptation Plan (NAP) 2021-2025

Summary for policy makers

Photo: Pankaj Lamani from Unsplash

Photo: Ishrat Javed from Unsplash

Country reports will be available next April

Summary

- **AP-PLAT aims to support adaptation in Asia-Pacific region** by providing scientific information, developing tools, and building capacity for adaptation
 - **bridges** between stakeholders and scientists



Thank you for your attention!

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