



AP-PLAT



AP-PLAT

(Asia-Pacific Climate Change Adaptation Platform)

20 Jan. 2021

6th NIES International Forum

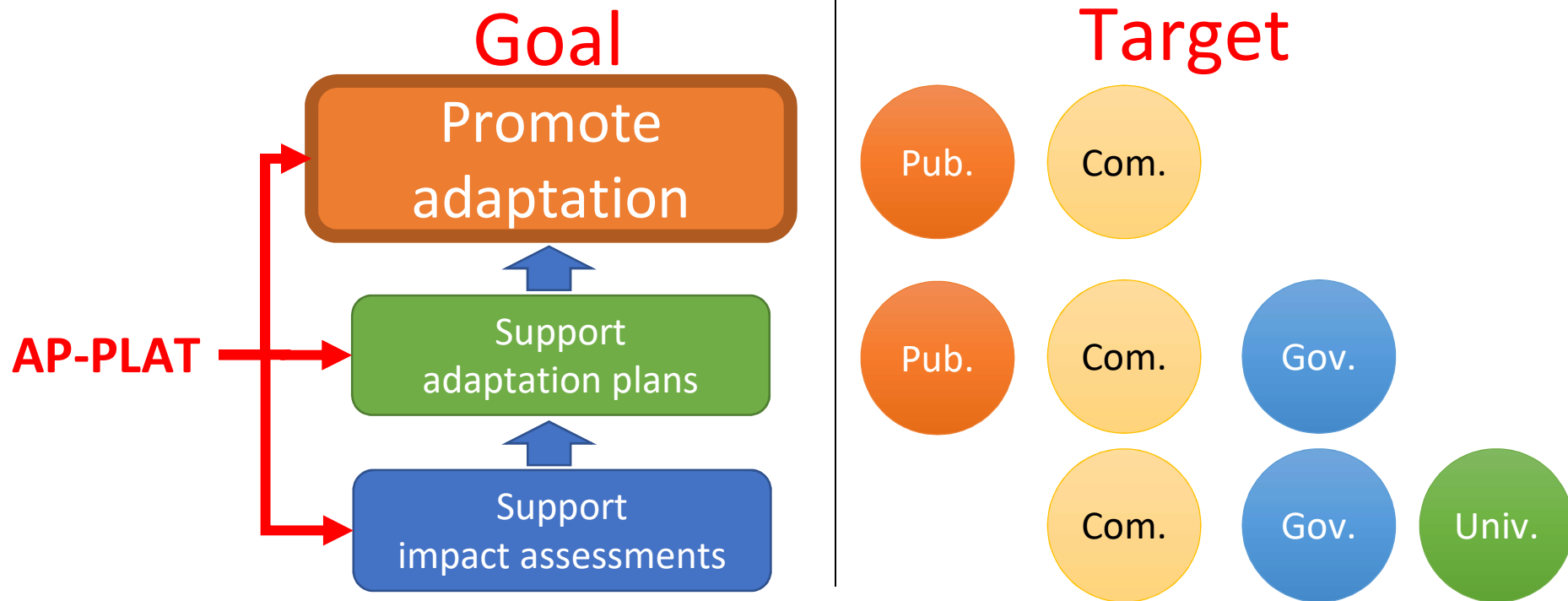
Yuji Masutomi

Center for Climate Change Adaptation

National Institute for Environmental Studies

What is AP-PLAT?

- AP-PLAT is a web-based information platform on climate change adaptation in Asia-Pacific region.
 - Was established in Jun. 2019
 - Provides **scientific information** on climate change including future climate projections, impacts, and adaptation.



Why does CCCA develop AP-PLAT?

- **Climate Change Adaptation Act** has been enforced since Dec. 2019.

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.



AP-PLAT









AP-PLAT

(Asia-Pacific Climate Change Adaptation Platform)

AP-PLAT website



 <p>Climate Change & Adaptation</p>	 <p>Plans & Implementations</p>	 <p>Tools & Guidelines</p>
 <p>Financial Information</p>	 <p>Adaptation Business</p>	 <p>News</p>



Climate Impact Viewer

MOEJ S-10 projects

1. Climate

- ① Temperature
- ② Precipitation

2. Water Resources

- ① Falkenmark Index

3. Vegetation

- ① Net Primary Production
- ② Vegetation carbon
- ③ Soil Carbon pool
- ④ Net Biome Production
- ⑤ Soil erosion
- ⑥ Fire

4. Health

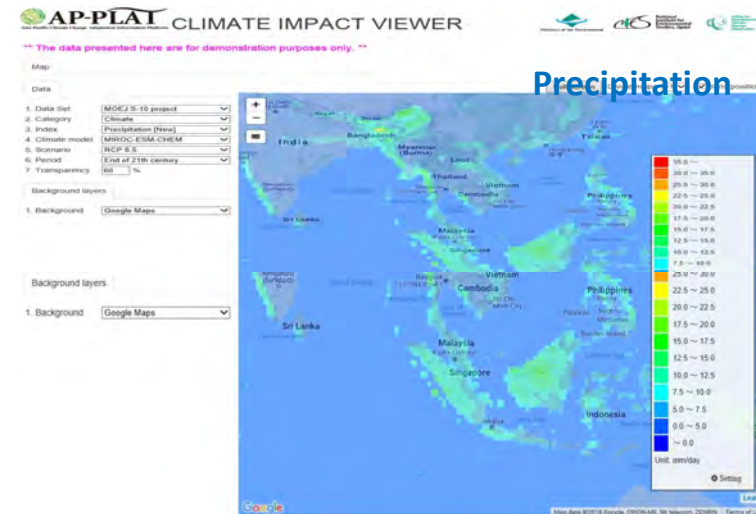
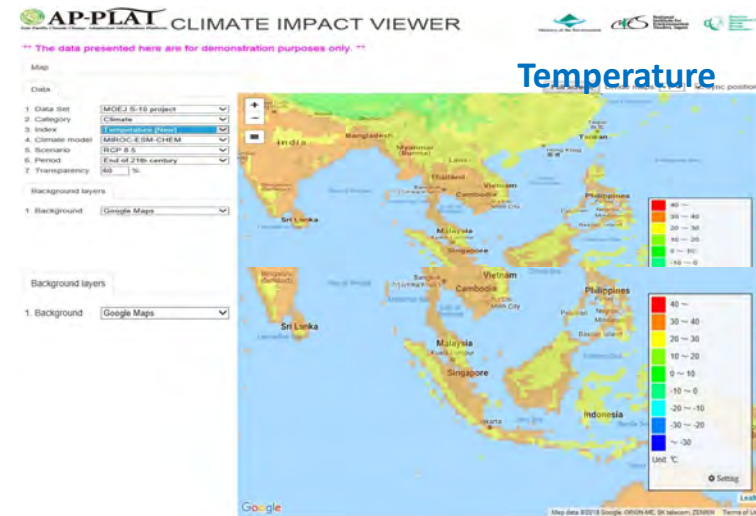
- ① Heat stress

ADB RCCAP

1. Climate

- ① Temperature
- ② Precipitation

Easily understand future climate and the impacts



AP-PLAT



■ Case studies on climate change impact assessment and adaptation

- Outputs from bi-lateral cooperation projects funded by MOEJ

- ① Under the bilateral cooperation, support adaptation-related planning and policy development by developing scientific projection of climate change impacts assessment
Host countries : Indonesia, Mongolia and small island states in Pacific are being planned
Implementation structure : To establish a consortium by research institutions and consultants for each country
- ② Capacity building on climate change impact assessment and adaptation planning for developing countries
Implementation structure : Asia Pacific Climate Change Adaptation Network (APAN) , Asian Institute of Technology (AIT) , and others.



Indonesia

Climate Change Impact Assessment for Local Adaptation Planning in the Republic of Indonesia

Logos: THE UNIVERSITY OF TOKYO, National Institute for Environmental Studies, Japan, 茨城大学 (Ibaraki University), NIPPON KOEI

[Read more](#)

Mongolia

Early warning system for massive livestock mortality

Risk assessment and potential adaptation measures for water resources in Ulaanbaatar, Mongolia

Logos: 中央大学 (Chuo University), NIKKEN

[Read more](#)

Philippines

A participatory approach for enhancing climate-resilient watershed planning within local governments

Logos: IGES Institute for Global Environmental Strategies

[Read more](#)

Fiji

Climate change impact assessment on storm surge and storm waves in Pacific island countries with satellite-based remote sensing technology

Logos: Remote Sensing Technology Center of Japan, THE UNIVERSITY OF TOKYO, KANAZAWA UNIVERSITY, 5G Innovations

[Read more](#)

CLIMATE CHANGE ADAPTATION PLATFORM

AP-PLAT



Adaptation plans (NAPs/NDCs)

Plans

This page shares the adaptation plans for the Asia-Pacific countries laid out using inputs from Nationally Determined Contributions (NDCs), National Adaptation Plans (NAP), National Adaptation Programmes of Action (NAPA), and Technology Needs Assessments (TNA) for climate change adaptation.

Map data ©2018 Google, RED - Terms of G

AP-PLAT
Asia-Pacific Climate Change: Multistakeholder Platform

Climate Change & Adaptation | Plans & Implementations | Tools & Guidelines | Financial Information | Adaptation Business

Country	NDC ?	NAP ?	NAPA ?	TNA ?
Afghanistan	http://www4.unfccc.int/ndcregistry/PublishedDocuments/Afghanistan%20First/INDC_AFG_20150927_FINAL.pdf		National Capacity Needs Self-Assessment for Global Environmental Management (NCSA) and National Adaptation Programme of Action for Climate Change (NAPA)	
Australia	http://www4.unfccc.int/ndcregistry/PublishedDocuments/Australia%20Intended%20Nationally%20Determined%20Contribution%20in%20the%20new%20Climate%20Change%20Agreement%20-%20August%202015.pdf			
Bangladesh	http://www4.unfccc.int/ndcregistry/PublishedDocuments/Bangladesh%20First/INDC_2015_of_Bangladesh.pdf		National Adaptation Programme of Action	http://unfccc.int/tilear/misc/_StaticFiles/grwork_atatic/TNR_CRE/e9067c6e3b9745998b2196f12155ad5f5925188f545e40c79bd3005818850c5.pdf

Guidelines

National Adaptation Plans

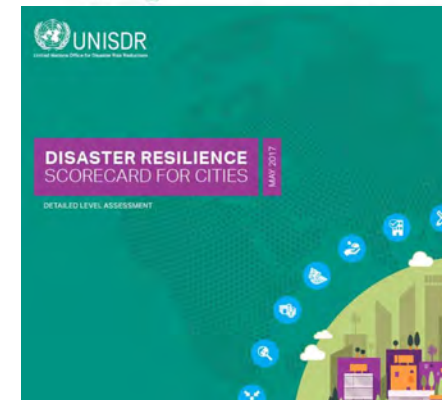
Issue

- 2012 > [THE NATIONAL ADAPTATION PLAN PROCESS](#)
- 2012 > [Technical guidelines for the national adaptation plan process](#)

National Adaptation Programmes of Action

Issue

- 2011 > [Best Practices and Lessons Learned in Addressing Adaptation in the Least Developed Countries through the National Adaptation Programme of Action for LDCs, Volume 1](#)
- 2012 > [Best practices and lessons learned in addressing adaptation in the least developed countries, volume 2](#)
- 2015 > [Best practices and lessons learned in addressing adaptation in least developed countries, volume 3](#)
- 2015 > [Information paper on how the process to formulate and implement national adaptation plans can be supported in least developed countries](#)
- 2015 > [Regional surveys in addressing adaptation through the national adaptation programmes of action and the process to formulate and implement national adaptation plans in the least developed countries](#)
- 2015 > [Integrating gender considerations in adaptation planning and implementation in the least developed countries](#)
- 2015 > [Monitoring and assessing progress, effectiveness and gaps under the process to formulate and implement National Adaptation Plans, The PEG M&E tool](#)

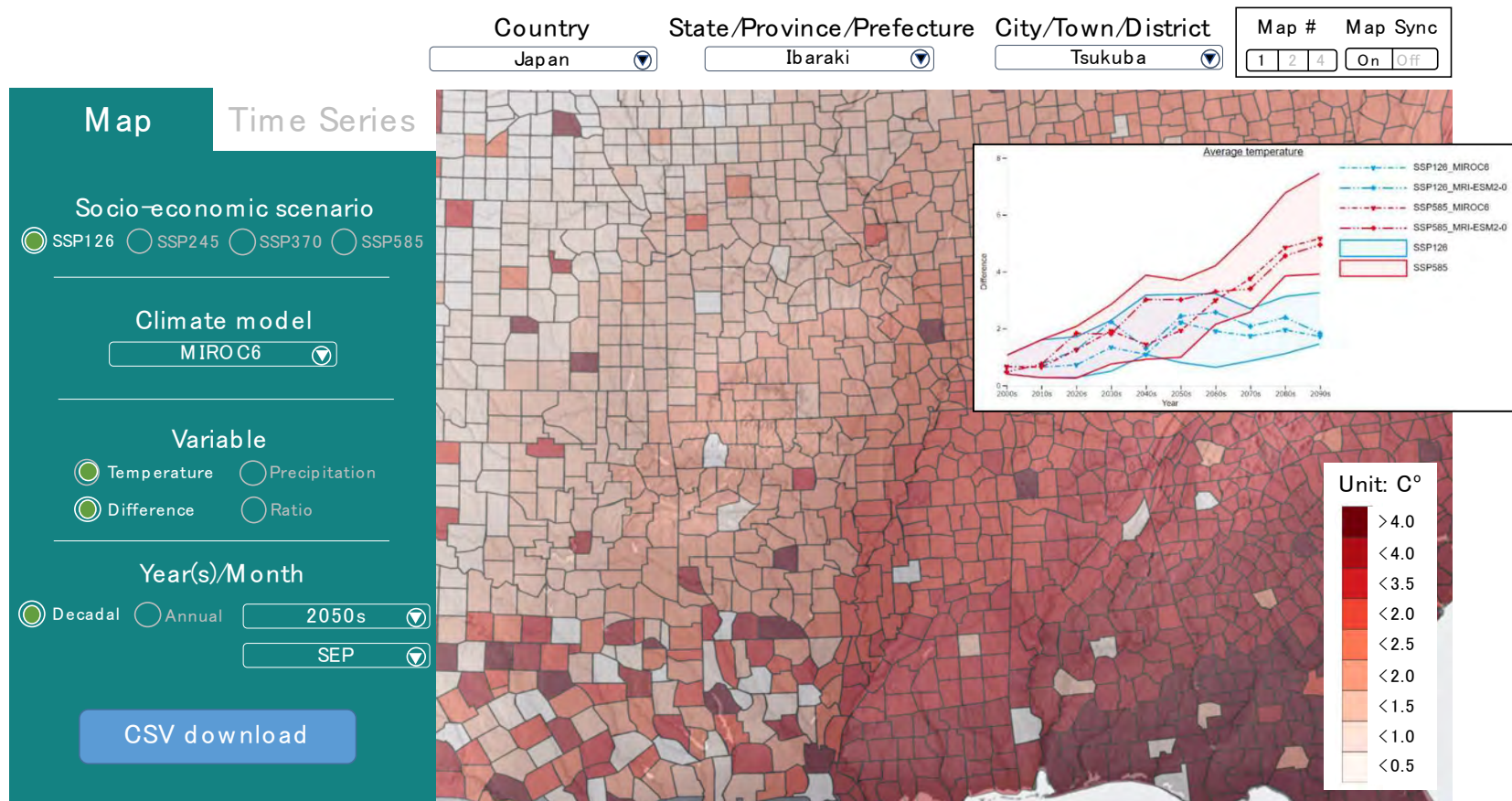


LEAST DEVELOPED COUNTRIES EXPERT GROUP

Monitoring and assessing progress, effectiveness and gaps under the process to formulate and implement National Adaptation Plans: The PEG M&E tool



■ CMIP6 Viewer: Climate Projections for ALL

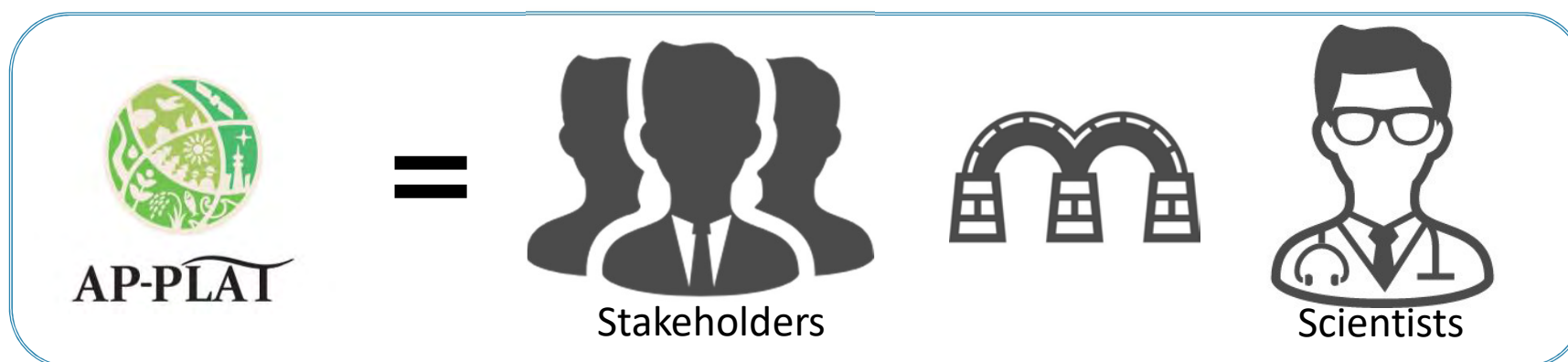


Demo image

Coming soon...

Summary

- **AP-PLAT** provides scientific information to the stakeholders to promote adaptive actions in Asia-Pacific region



- All your suggestions and comments are very welcome!!

