

Asia-Pacific Network for Global Change Research



APN is an intergovernmental network of 22 countries working towards an Asia-Pacific region that is successfully addressing the challenges of global change and sustainability.



Structure and
governance

Our focus

Regional research

We support regional research to better understand global change and contribute to science and policy, aligning with the UNFCCC Paris Agreement, IPCC, IPBES and the Sustainable Development Goals.

Capacity development

We aim to enhance the capacities of scientists, policymakers and practitioners to assess global change issues, and explore options towards achieving sustainability.

Science-policy linkage

We work with governments and international organizations to develop policy-relevant knowledge products and create environments conducive to enhancing science-policy interactions.

Our impact

599

projects funded since 1996

36m

awarded as project grants
as of July 2024 (in USD)

2300+

scientific papers and other
publications produced

70%

of the projects led by researchers and practitioners from developing countries in the Asia-Pacific region (FY 2020 to present)

54%

of the projects led by early career professionals (FY 2020 to present)

100+

APN-funded publications cited in the IPCC 6th Assessment Report



Access the APN
Annual Report

Partner with us:

East Building, 4F
1-5-2 Wakinohama Kaigan Dori
Chuo-ku, Kobe 651-0073 JAPAN



+81-78-230-8017



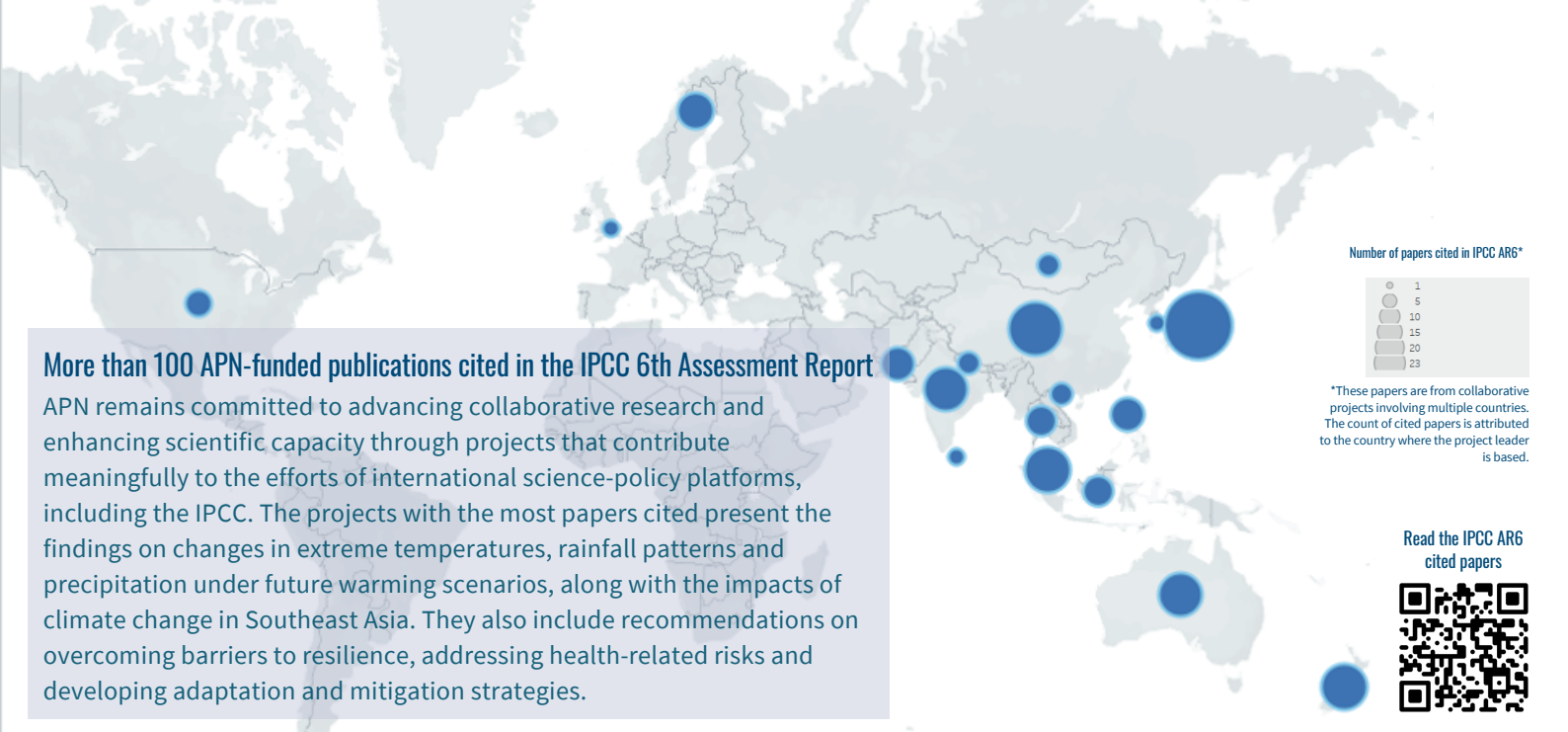
info@apn-gcr.org



<https://www.apn-gcr.org/>



@apngcr



More than 100 APN-funded publications cited in the IPCC 6th Assessment Report

APN remains committed to advancing collaborative research and enhancing scientific capacity through projects that contribute meaningfully to the efforts of international science-policy platforms, including the IPCC. The projects with the most papers cited present the findings on changes in extreme temperatures, rainfall patterns and precipitation under future warming scenarios, along with the impacts of climate change in Southeast Asia. They also include recommendations on overcoming barriers to resilience, addressing health-related risks and developing adaptation and mitigation strategies.

Read the IPCC AR6 cited papers



Our stories

Advancing downscaling techniques for enhanced climate projections in Southeast Asia

APN supported several projects on downscaling global climate models for Southeast Asia, enhancing understanding of climate extremes and supporting policy development in vulnerable regions. Key outputs include high-resolution climate projection data, over 30 regional simulations and capacity building for over 100 early career professionals. Through these projects, advanced downscaling techniques have been integrated into governance frameworks, enhancing the region's capacity to address climate challenges with improved resilience.

Access the downscaling projects



Empowering the Asia-Pacific: How APN projects drive adaptation and sustainable development

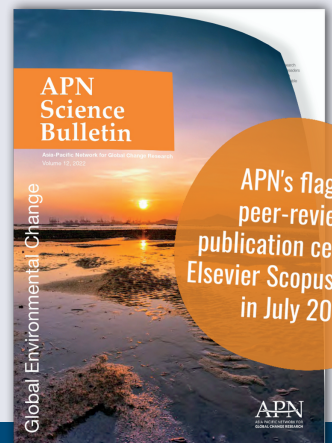
The projects supported by APN have produced frameworks, databases, simulations, models and policy tools that advance science and support decision-making. Frameworks and indices guide the prioritisation of mitigation measures, while databases support local and regional analysis and benchmarking. Simulations enhance climate forecasting accuracy, and models offer methodologies for sustainable practices. These outputs are adaptable for use across different regions, fostering climate resilience and long-term sustainability.

Access resources on climate change



Amplifying regional insights: The APN Science Bulletin's impact on global change research

The APN Science Bulletin is a peer-reviewed, Scopus-indexed publication showcasing regional research and capacity-building initiatives supported by APN. It targets readers in science, policymaking, and early-career professionals who are focused on global environmental change and sustainability. The impact of APN Science Bulletin is significant, with several articles cited in the IPCC Sixth Assessment Report, highlighting APN's role in advancing climate science.



APN's flagship peer-reviewed publication celebrated Elsevier Scopus indexing in July 2023!



APN Science Bulletin



Publication Library



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