



RRC.AP

Regional Resource Centre for
Asia and the Pacific

Air Pollution



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Asia and the Pacific



Who We Are

The Regional Resource Centre for Asia and the Pacific (RRC.AP) is an institute-wide outreach centre of the Asian Institute of Technology (AIT) that brings over 35 years of experience to Asia and the Pacific region. We focus on gathering, synthesizing, and creating resources to help set policies at all levels of governance and build the capacity for effective actions aimed at achieving the Sustainable Development Goals (SDGs). Operating across the region, AIT RRC.AP works through three thematic clusters: Air Pollution, Climate Change, and Waste and Resource Management, transforming advanced scientific knowledge into practical solutions for improved environmental outcomes.

Air Pollution

The Air Pollution Cluster (APC) is committed to finding the best solutions to combat air pollution and related environmental problems for a clean and sustainable environment in the Asian region. This initiative aims to foster renewed regional cooperation to effectively address air pollution. It seeks to achieve this by developing science-based policies, enhancing air quality management skills, gaining co-benefits, and breaking through any barriers in keeping the air clean for all generations.



[Download brochure](#)

Our Work in Numbers



100+ Events Organized



2000+ Trainees Trained



100+ Publications Produced



60 Countries Reached

What We Do



Support Intergovernmental
Network & Initiatives



Data and Information Management



Awareness Raising



Knowledge Building



Research & Assessment



Capacity Development



Science Policy Interface



Technical Support



Some of our Partners and Networks



**CLIMATE &
CLEAN AIR
COALITION**
TO REDUCE SHORT-LIVED
CLIMATE POLLUTANTS



ESCAP
Economic and Social Commission
for Asia and the Pacific



HTAPC
Hub of Science on Air Pollution and Climate



**Stockholm
University**





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Challenges

The Asia Pacific region faces significant challenges from air pollution, largely driven by rapid industrialization, urbanization, and reliance on fossil fuels and biomass burning for energy, industry, transport, and residential use. This results in widespread exposure to hazardous pollutants like fine particulate matter (PM_{2.5}). The health impacts are severe, leading to millions of premature deaths annually from respiratory and cardiovascular diseases, lung cancer, and other chronic conditions, with a disproportionate burden in low-and middle-income countries. Emission of air pollutants from these activities has resulted in an alarming deterioration of air quality across the region, putting human health at risk

Solutions

The effective and efficient control measures from all stakeholders are necessary to curb the emissions of air pollutants, thereby preventing or reducing the adverse impacts of air pollution on human lives and the environment.



Programmes

Malé
Declaration

Atmospheric
Brown Cloud
(ABC)

Acid
Deposition
Monitoring Network
in East Asia
(Supporting
EANET)