

The Acid Deposition Monitoring Network in East Asia (EANET)
Project List Adopted at IG24

Nov 29th 2022

2023-1 (Monitoring)	Studies on the effects of atmospheric deposition on ecosystems, from a catchment scale to a regional scale as a methodological study
【Summary】 Analysis of the response of forest ecosystems to fluctuating air pollution and deposition, focusing on recovery from acidification and nitrogen saturation, and disturbances caused by extreme weather and climate change. Considering a method for impact assessment on a regional scale with the aim of contributing to future policy discussions.	
2023-02 (Capacity Building)	The Feasibility for promoting VOCs related Capacity Building in the EANET
【Summary】 VOCs are new additions to EANET's activities due to the scope expansion adopted at EANET's intergovernmental meetings. The purpose of this project is to accurately grasp the status of VOCs-related activities in EANET member countries and to consider how VOCs-related projects should be incorporated into future EANET activities.	
2023-03 (Monitoring)	Methodology Study for Development of LCS Hybrid Air Quality Monitoring Network (HAQMN)
【Summary】 Aiming to expand the air quality monitoring network in EANET member countries, the project offers to study methods for acquiring highly reliable data by building an air quality monitoring network that combines low-cost sensors and conventional reference monitors (Refs).	
2023-4 (Monitoring)	PM2.5 source apportionment in major cities in EANET for recommendations on feasible reduction policy
【Summary】 Measured the chemical composition of PM2.5 in several EANET cities, evaluated the contribution of major PM2.5 sources from the measurement data, and recommended feasible reduction policies based on the findings obtained.	
2023-5 (Capacity building)	The collaboration of Technical and Training (TNT) and capacity building program for personnel of the participating countries on monitoring, proposed by the NC and National Institute of Environmental Research (NIER)
【Overview】 This training program is for persons in charge of participating countries of EANET in cooperation with NC and the National Institute of Environmental Research (NIER) Technical and Training Program (TNT) of Korea. Acquired basic knowledge and skills of monitoring, which is the core activity of EANET, and acquired QA/QC for data reliability.	
2023-6 (Capacity building)	The webinar workshop for capacity building on emission inventory for combustion sources
【Summary】 This seminar aims to promote understanding of fuel combustion emission, which is a major cause of air pollution, and how to estimate emissions from its source and how to use it in air quality management.	
2023-7 (Capacity building)	Seminars for Acid Deposition/Air Pollution effects on human health and ecosystem
【Summary】 Share scientific knowledge, including specific analysis tools and methodologies, with scientists and policymakers in each country. Also offers some cases about science-based policies on air pollutant reduction in Europe and other regions.	
2023-8 (Capacity building)	Research Fellowship program
【Overview】 Research fellowship program for young researchers from participating countries of EANET that conducts research activities for two months. The topics are to be proposed by candidates. The main themes are monitoring, data analysis and chemical transportation modeling.	