

## Data Catalogue (As of July 1, 2025: Date of the 18<sup>th</sup> Meeting of the WG I for Joint Research of DSS)

Data	Year	Monitoring sites	
<b>China</b>			
Hourly average PM10	▼2023	10 sites (Baotou,Hohhot,etc..)	China National Environmental Monitoring Center (CNEMC)
	2022	10 sites (Baotou,Hohhot,etc..)	
	:	:	
Daily average PM10	▼2010		
<b>Japan</b>			
Dust extinction coefficient, spherical particle extinction coefficient (Lidar)	▼2023 :	Sapporo, Niigata, Toyama, Matsue, Fukuoka, Fukue, Nagasaki, Osaka, Hedo, Tokyo, Chiba, Tsukuba, Sendai, Sainshand, Zamynnuud, Ulaanbaatar	National Institute for Environmental Studies, Japan (NIES)
Aerosol Number	▼2023	Fukuoka (-2023), Seoul (-2023)	Yamanashi University
Concentration (POPC)	:		
Hourly average PM10	▼2023 :		National Institute for Environmental Studies, Japan (NIES)
Hourly average PM2.5	▼2023 :		National Institute for Environmental Studies, Japan (NIES)
Hourly average PM2.5	▼2023 :		National Institute for Environmental Studies, Japan (NIES)
Visibility & Relative Humidity	▼2023 :		Japan Meteorological Agency (JMA)
Hourly Aerosol Optical	▼2023		Japan Meteorological Agency (JMA)

Thickness	:		
Satellite observation data	▼2023		Japan Meteorological Agency (JMA)
	:		
<b>Korea</b>			
Hourly average PM10	▼2023	Sokcho, Kwanaksan, Gunsan, Jinju, Gwangdeoksan, Yeongwol, Daegu, Ganghwa, Daegwallyeong, Uljin, Gwangju, Cheonan, Baengnyeongdo, Anmyeon(KGAWO), Gudeoksan, Chupungnyeong, Heuksando, Gosan, Andong, Ulleungdo	Korea Meteorological Administration (KMA)
Visibility & Relative Humidity	▼2023	Daegwallyeong, Seoul, Cheongju, Andong, Gunsan, Jinju	Korea Meteorological Administration (KMA)
Dust extinction coefficient, spherical particle extinction coefficient (Lidar)	▼2020	Anmyeon(KGAWO)	Korea Meteorological Administration (KMA)
Hourly Aerosol Optical Thickness	▼2023	Anmyeon(KGAWO)	Korea Meteorological Administration (KMA)
APS	▼2020	Anmyeon(KGAWO), Gosan, Ulleungdo	Korea Meteorological Administration (KMA)
<b>Mongolia</b>			
Hourly average PM10	▼2021	Altai Ulaan-Uul(Erdene), Nomgon	The China Meteorological Administration (CMA) Korea Meteorological Administration (KMA)
Hourly average PM2.5	▼2021	Altai	(Information and Research Institute of Meteorology Hydrology and Environment, Mongolia (IRIMHE),

# Station map



