

# Ogasawara

Address : Asahiyama tinai Titijima Island, Ogasawara village, Tokyo  
Latitude : 27° 05'N      Longitude : 142° 13'E  
Height above sea level : 47m

Characteristics of sites : Remote  
Sampling interval(Precipitation) : Daily  
Sampling interval(Filter pack) : Biweekly  
Starting Month : May '99

## Monitoring Items

Precipitation : Precipitation amount, EC, pH,  
Ionic substances ( $\text{SO}_4^{2-}$ ,  $\text{NO}_3^-$ ,  $\text{Cl}^-$ ,  $\text{NH}_4^+$ ,  $\text{Na}^+$ ,  $\text{Ca}^{2+}$ ,  $\text{Mg}^{2+}$ )

Air concentration

Automatic monitors :  $\text{SO}_2$ , NO,  $\text{NO}_x$ ,  $\text{O}_3$ ,  $\text{PM}_{10}$

Filter pack

Meteorological Measurements : Precipitation amount,  
Wind direction/speed, Temperature, Humidity, Solar radiation

## Monitoring Instruments

Rain sampler : US-420 (Ogasawara)

Meteorological Instruments : Rain gauge(RS-222)

Wind direction/speed, Temperature, Humidity, Solar radiation

Automatic Monitors :  $\text{SO}_2$ (Thermo-43C-TL)

NO ·  $\text{NO}_x$ (Thermo-42C-TL)

$\text{O}_3$ (Thermo-49C)

$\text{PM}_{10}$ (Thermo-FH62-C14)

Filter Pack Sampler : YS-300, NILU(4-Stages)

