



Asia Pacific AERONET Calibration and Training Center

2024 Training Course on AERONET Cimel Sunphotometer

Date: 11th November, 2024

Venue: Room 405, 83, Zhonghua Rd. Sec. 1, Zhongzheng District, Taipei City, Taiwan

Time	Agenda	Resource Person
8:40-9:00	Registration	
9:00-10:00	Part 1: Theoretical background	Pawan/Carlo
	Introduction of AERONET and APAC	
	Introduction to AOD	
	Working principles of Cimel sunphotometer	
10:00-10:15	Break	
10:15-12:00	Part 2: Hands-on training on the instrument	Keith/Amit
	Introduction to different parts of cimel sunphotometer	
	Precautions while handling the instrument	
	Installation of Cimel sunphotometer (Or, familiarizing with operation of Cimel if hands on practice is not possible.)	
	Troubleshooting frequently occurring problems	
12:00-1:00	Lunch Break	
1:00-2:30	Part 3: Data download and visualization	Amit/Stefani/Pawan
	Download the AERONET data from the AERONET website	
	Viewing and understanding the data parameters in the AERONET website (AOD, Angstrom exponent, fine mode fraction, inversion products)	
	Plotting AOD Data (or viewing the plots in the web)	
	Analyzing the data	
2:30-2:45	Break	
2:45-3:45	Part 4: Data application	Stefani/Mia/Pawan
	Application of AERONET data in satellite data validation	
3:45-4:00	Final Discussion	Carlo/Pawan