

Cloud Physics Laboratory, Dept. of Atmospheric Sciences, Yonsei University

Instruments

- Condensation Particle Counter(CPC)
- Cloud Condensation Nuclei Counter (CCNC)
- Hygroscopic Tandem Differential Mobility Analyzer (HTDMA)
- Particle Into Liquid Sampler (PILS) & Ion Chromatography (IC)

Proposed Measurement

- Submicron aerosol concentration
- Concentration of CCN at several supersaturation (0.2%-1.0%)
- Hygroscopicity of urban aerosols
- Water-soluble chemical component of aerosols



Seong Soo Yum (PI)



Min Su Park

Role
Aircraft measurement
(CCNC, CPC)



Na Jin Kim

Role
Ground-based measurement
(CPC, HTDMA, PILS-IC)