



ATMO ACCESS
Access to Atmospheric Research Facilities



Services provided by FORTH-MSC

FORTH Mobile Atmospheric Simulation Chamber



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atmo-access.eu

SERVICE 1 – Testing / intercomparisons of new instruments	
TYPE OF SERVICE	Technical service
SERVICE DESCRIPTION	<p>Testing / intercomparisons of new instruments (inorganic and organic, gas-phase and particulate pollutants)</p> <p>More information at: http://cstacc.iceht.forth.gr/research-facilities/experimental-facilities/laboratories</p>
ATMOSPHERE TYPE	Controlled or ambient or a combination of the two.
TYPE OF ACCESS	Physical, remote
TARGET USERS	Academia, business sector and public sector
SERVICE STATUS	The service is available (operational and ready to be offered)
AVAILABILITY PERIOD	All year round
TIME CONSTRAINTS	None in general. Coordination and planning in advance needed for the transportation of the facility.
CONTACT	<p>Spyros Pandis (spyros@chemeng.upatras.gr) Christos Kaltsonoudis (kaltsonoudis@iceht.forth.gr)</p>
SERVICE 2 – Characterization of sources and their atmospheric evolution	
TYPE OF SERVICE	Research service
SERVICE DESCRIPTION	<p>Sources tested in the past include diesel and gasoline engines, wood stoves, pellet stoves, barbecues, etc. Both the primary emissions (after dilution) and their evolution during daytime and nighttime reactions are quantified. The user can supply the source to be studied.</p> <p>More information at: http://cstacc.iceht.forth.gr/research-facilities/experimental-facilities/laboratories</p>
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SERVICE 3 – Chemical aging experiments for primary and secondary organic aerosol	
TYPE OF SERVICE	Research service
SERVICE DESCRIPTION	Investigations of the evolution of ambient air in different environments. Potential for use of two chambers with changes of the conditions in one of the two with the addition of a pollutant or an oxidant. More information at: http://cstacc.iceht.forth.gr/research-facilities/experimental-facilities/laboratories
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