

TFK programme, funded projects 2023

Project title: Intensive courses for state-of-art atmospheric measurement and analysis in India	
<p>Coordinator</p> <p>Helsingin Yliopisto</p> <p>Markku Kulmala, markku.kulmala@helsinki.fi</p>	<p>A quarter of the global population lives in South Asia, and its cities and villages have some of the worst air quality in the world. Advances in atmospheric measurement and analysis techniques over the last few decades have drastically improved our ability to understand the sources and processes that drive air pollution and effective ways to reduce it. Unfortunately, local capacity in these state-of-art techniques is still extremely limited in South Asia. This project is part of a larger collaboration between the Institute for Atmospheric and Earth System Research, University of Helsinki (INAR, UH) and the Centre for Atmospheric Sciences, Indian Institute of Technology Delhi (CAS, IITD).</p> <p>The project activities support curriculum design and teaching of intensive courses on themes related to atmospheric measurement and analysis which will be taught at the atmospheric observatory in Sonipat, India. The project will also include the mobility of students and staff from UH and IITD to travel between India and Finland to facilitate the training needs of IITD personnel and opportunity to further strategic objectives of the larger collaboration.</p>
<p>Partners</p> <p>Indian Institute of Technology Delhi</p>	<p>In the long-term, training-the-trainers (i.e., IITD) to create a local training and capacity building hub in South Asia which will enable scientists, policymakers, civil society, and other stakeholders in the region to use state-of-art atmospheric science and technology to tackle major environmental and public health challenges. This long-term and local capacity building initiative for continually evolving state-of-art atmospheric measurement and analysis techniques will be relevant for air pollution, climate change, public health, advancing scientific knowledge, science diplomacy, and more.</p>

