URBAN AIR QUALITY

February 17, 2017
12:45 - 18:00 p.m.

Theaterzaal, Sport & Culture
Mekelweg 8, 2628 CD Delft

Please register before Friday 3rd February 2017 by sending an email to Secr-grs-citg@tudelft.nl with the mention of 'Urban Air Quality Symposium Registration' in the subject.

TU Delft
KNMI
Utrecht University
WAGENINGEN UR
rivm Rijksinstituut voor Volksgezondheid en Milieu
DCMR milieudienst Rijnmond
TNO
esa

Summary

The Geoscience & Remote Sensing (GRS) department of Delft University of Technology (TU Delft), the TU Delft Climate Institute and the Royal Netherlands Meteorological Institute (KNMI) are pleased to invite you to the seminar Urban Air Quality, to be held at the TU Delft Theaterzaal, Sports & Culture, on the afternoon of Friday, February 17, 2017.

Human activities such as energy generation, industrial development, food production and traffic have an adverse impact on air quality. This is especially the case in urban areas where more than half of the world populations lives. Ground based and satellite observations show that policies to reduce the emissions of pollutants are successful in improving air quality. However, is enough done to protect the health of the people in the cities and what can cities in developing countries learn from these successes?

This symposium will bring together experts in the fields of health effects, policy, emission monitoring, ground based observations and satellite remote sensing. It targets a broad audience from students from diverse topics, the public, the industries, policy makers and researchers. In addition to presentations, there will be possibilities for interactive discussions with the speakers.

Schedule

12:45	Welcome & Introduction Air quality forecast & satellites - Pieternel Levelt (KNMI, TUD)
13:00	Air quality, health, mortality indicators / trends at city level & links with sources - Gerard Hoek (UU)
13:20	Air quality assessment in Rotterdam area - Sef van den Elshout (DCMR)
13:40	COPERNICUS Air quality monitoring satellite missions and user needs - Yasjka Meijer (ESA)
14:00	Trends over 10 years of satellite data - Folkert Boersma (KNMI, WUR)
14:20	Coffee / Tea break
14:50	COPERNICUS Air Quality modeling service (CAMS) and small sensor measurements - Henk Eskes (KNMI)
15:10	Bottom-up emission inventories - Hugo Denier van der Gon (TNO)
15:30	NOx emissions derived from space - Jieying Ding (TU Delft, KNMI)
15:50	Combining ground based and satellite data for air quality monitoring - Guus Velders (RIVM)
16:10	Applications of small air quality sensors - Ernst Meijer (TNO)
16:30	Interactive discussion public audience with speakers
16:55	Wrap up & Closing - Pieternel Levelt (KNMI, TU Delft)
17:05	Drinks and snacks