

Workshop of the Tel-Aviv University

Department of Geography and Human Environment
and Environment and Health Fund

**USING SATELLITE AND GROUND MONITORING DATA FOR AIR
QUALITY RESEARCH**

Tel-Aviv University, 28 of December, 2016

PROGRAM

Location: Porter School of Environment, Auditorium

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| 9:00 - 9:30 | Registration |
| 9:30 – 9:40 | Welcome talk - Prof. Hadas Saaroni, Tel-Aviv University |
| 9:45 - 9:50 | Workshop Overview - Dr. A. Chudnovsky, Tel-Aviv University. |
| 9:50 - 10:20 | “Monitoring world Mega-cities from space” - Prof. Pinhas Alpert, Tel-Aviv University |
| 10:25 -10:50 | “How we can assess exposure to different sources of pollution? Active Remote Sensing as a tool” - Prof. Albert Ansmann. Leibniz Institute for Tropospheric Research (TROPOS), Germany |
| 10:55-11:25 | "Challenges in estimating aerosol effects on climate from satellite data" - Prof. Ilan Koren. Weizmann Institute of Science. |

11:30-12:00 Coffee Break

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| 12:00- 12:30 | "Estimating ambient particulate matter from satellite observations". Prof. David Broday. Technion. |
| 12:35-13:05 | “Mapping Night-Lights as an Indicator of Human Activity”. Prof. Noam Levin. The Hebrew University of Jerusalem. |
| 13:10- 13:40 | "Integrated portable sensors for air pollution monitors" Dr. Yoav Linzon. Tel-Aviv University. |

13:45- 14:30 Break

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| 14:30 – 16:00 | Training: “Trends in dust and pollution conditions in the Middle East using different satellite-based data sets”. Dr. A. Chudnovsky, Tel-Aviv University. |
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