

**Research & Services | Atmospheric Chemistry Laboratory (Yissum)****code:** 34-2007-1788[Menachem Luria](#), HUJI, Faculty of Science, The Institute of Earth Sciences**Categories**Atmospheric trace gases, air pollution,  
tropospheric ozone chemistry**Objective/function**

The Atmospheric Pollutant Laboratory focuses on the fields of:

- Chemical transformation of atmospheric trace gases emitted from natural and anthropogenic sources
- Long-range transport of atmospheric pollutants
- Urban air quality

**Research provided**

The laboratory is currently researching:

Influence of reactive halogen compounds on tropospheric ozone chemistry

- Ozone formation in the urbane plume of metropolitan areas
- Long-range and trans-boundary transport of air pollution
- OA & QC of air quality data

**Advantages**

- The Atmospheric Pollutant Laboratory is staffed by experienced, knowledgeable researchers with access to state-of-the-art equipment and technology for air pollution monitoring

**Client record**

- Association of towns for environmental protection
- Ministry of Environmental Protection
- Ministry of Labor and Social Welfare

**Available equipment**

- Fully equipped mobile air-quality laboratory
- High-sensitivity scale for aerosol monitoring


**Staff**

- Menachem Luria, PhD
- Mordechai Peleg, PhD
- Valeri Matveev, PhD
- Vadra Berlin, BA

## Contact

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