

Urban Air Pollution

TU, Gdansk 2013

Dr. Ewa Dabek-Zlotorzynska; ewa.dabek@ec.gc.ca

Air Quality Research Division, Environment Canada, Ottawa, Ontario, Canada

15 hours – **spring semester 2012/13**

Urban Air Pollution (2 hours)

Nitrogen Oxides, Sulphur Dioxide; Air toxics; Smog

Atmospheric aerosols (the nature of PM mass, composition and precursors) (4 hours)

Particle Characteristics and Target Species

Particle Size distributions

Major Components and Potential Source Contributions

Targeted Chemical Species (Ions, metals, carbonaceous aerosols)

Network Design (6 hours)

Sampling Methodology (Sampling artifacts)

Sample Analysis (Analytical Techniques)

- Ions; metals;
- carbonaceous aerosols (total, semivolatile organic aerosols, water-soluble organic compounds)

Quality System (Sampling and Analysis)

Data Validation and Data Management

Experience on Measurement of Chemicals in the Canadian Urban Environment (3 hours)

Termin	Dzień tygodnia	Godzina	Miejsce
03.06.2013	Poniedziałek	9.15 – 12.00	Minicentrum Konferencyjne (Luwr)
04.06.2013	Wtorek	9.15 – 12.00	Minicentrum Konferencyjne (Luwr)
05.06.2013	Środa	9.15 – 12.00	Minicentrum Konferencyjne (Luwr)
06.06.2013	Czwartek	9.15 – 12.00	Minicentrum Konferencyjne (Luwr)
07.06.2013	Piątek	9.15 – 12.00	Minicentrum Konferencyjne (Luwr)