Kommission für Reinhaltung der Luft
Österreichische Akademie der Wissenschaften

MEDIZINISCHE UNIVERSITÄT WIEN

Institut für Umwelthygiene
Zentrum für Public Health

Vortrag

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Estimation of short-term effect of air pollution on mortality based on distributed lag models and dose-response analysis Results from four Polish cities

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(1090 Wien, Kinderspitalgasse 15)

Programm

- Introduction
- APHEA project
- Methods
    - Generalized additive models (GAM)
        - Short description of confounding variables included in model
        - Criteria used for selecting model
        - Steps in model building
        - GAM versus Generalized Linear Models
    - Estimation of dose-response curves
    - Polynomial distributed lag models (PDL): estimation of lagged effect of air pollution
        - Description of PDL method
        - Problems with selecting number of lags
    - Short description of meta-analysis methods
        - Pooled regression coefficient
        - Pooled dose-response curve
        - Pooled effect form distributed lag model
- Results from Polish cities participating in APHEA-2 project