Air Quality Modelling in Croatia

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Before 1974: Governmental decision on sitting criteria and conditions for building large industrial facilities and thermal power plants (Zagreb TPP I, TPP II, TPP Rijeka I; 200-240 m)

1974: Regulation on obligatory environmental impact studies for large industrial sources and thermal power plants, revised in 1985.

US experience and US regulations (Clean Air Act 1970)

Nuclear Power Plants Sitting (3 sites examined, 1980-1987)

Second generation PP – mid eighties

Field experiments and measurement campaigns to support and verify models, to analyse meteorological and air pollution conditions – until 1987-1988.

1986 – University of Zagreb – more intensive education on air quality modelling.

1996 – Private companies and institutes: standard to routinely use US EPA Gaussian regulatory models.

2006 – Regional, complex air pollution modelling.