

OCCURRENCE OF ORGANIC POLLUTANTS IN THE SOIL OF UPPER AUSTRIA

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SUMMARY

In the course of a study of soil quality over 200 soil samples were collected in an Austrian province and analyzed for residues of organochlorine pesticides, selected PCB congeners, triazine herbicides and selected polycyclic aromatic hydrocarbons. Concentrations of these compounds were found to vary within a broad range. This holds true especially for polycyclic aromatic hydrocarbons. The results are set into relation to the agricultural use of soils, the intensity of nearby road traffic and population density.

Key words: soil, organochlorine pesticides, PCBs, triazines, PAHs

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