HEAVY METALS AND PRIORITY ORGANIC POLLUTANTS IN SOILS OF BULGARIA

Doctoral Dissertation Thesis

Department of Earth Sciences

FREIE UNIVERSITÄT BERLIN

Penka Shegunova

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1. Supervisor: Prof. Dr. Dr. K. Terytze
2. Supervisor: Prof. Dr. I. Atanassov

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ABBREVIATION

AAS	Atomic absorption spectrometry/spectroscopy
AES	Atomic emission spectrometry/spectroscopy
ASE	Accelerated solvent extraction
BGS	Bulgarian Governmental Standard
CL	Critical load
DDD	1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane
DDE	1,1,-Dichloro-2,2-bis(4'-chlorophenyl)ethylene
DDT	1,1,1,-Trichloro-2,2-bis(4'-chlorophenyl)ethane
DOC	Dissolved organic carbon
d.w.	Dry weight
EPA	Environmental Protection Agency (USA)
FAAS	Flame atomic absorption spectroscopy
GC	Gaschromatography/Gaschromatograph
GFAAS	Graphite furnace atomic absorption spectroscopy
HCH	Hexachlorocyclohexane
HCB	Hexachlorobenzen
HM	Heavy metal
ICP	Inductively coupled plasma
MAE	Microwave asisted extraction
MPC	Maximum permisible concentration
MS	Mass spectrometer
n.d.	not detected
OM	Organic matter
PAH	Polyaromatic hydrocarbons
PCB	Polychlorinated biphenyls
POP	Priority organic pollutants
SFE	Supercritical fluid extraction