

# LIST OF ABBREVIATIONS

a. s.	joint-stock company
ACTRIS	Aerosols, Clouds and Trace gases Research InfraStructure Network
AIM	Automated Air Quality Monitoring (automated measuring program)
AOT40	Accumulated Ozone Exposure over a Threshold of 40 ppb
AQI	Air Quality Index
AQIS	Air Quality Information System
ASKPCR	Association of the Glass and Ceramic Industry of the Czech Republic
AV ČR	Czech Academy of Sciences
BaP	benzo[a]pyrene
BC	black carbon
CENIA	Czech Environmental Information Agency
CET	Central European Time
CEZ	Czech Energetic Work
CFC	chlorofluorocarbon
CGS	Czech Geological Survey
CLRTAP	Convention on Long-range Transboundary Air Pollution
Coll.	Collection of Laws
CR	Czech Republic
CSO	Czech Statistical Office
D21	degree-days
DC	dispersion conditions
DMÚ	digital terrain model
EC	elemental carbon
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EEA	European Environment Agency
EMEP	Co-operative Programme for Monitoring and Evaluation of the Long-Range Transmissions of Air Pollutants in Europe
Eol	Council Decision 97/101/EC on exchange of information
ESFRI	European Strategy Forum on Research Infrastructures
ETC/ACM	European Topic Centre for Air pollution and Climate change Mitigation
ETS	Emission Trading Scheme
EU	European Union
EU ETS	European Union Emissions Trading System
GAW	Global Atmosphere Watch
GIOS	Leadership of Chief Inspectorate Of Environmental Protection
GWP	Global Warming Potential
HBÚ AV ČR	Institute of Hydrobiology of the Academy of Sciences of the Czech Republic
HCB	hexachlorbenzene
HCFC	hydrochlorofluorocarbons
HFC	hydrofluorocarbons
CHMI	Czech Hydrometeorological Institute
IARC	International Agency for Research on Cancer
ICOS	Integrated carbon observation system
IPCC	Intergovernmental Panel on Climate Change
IPH	informative threshold value
ISPOP	System of the Fulfilling Reporting Obligations

LFULG	Saxon State Office for the Environment Agriculture and Geology
LRTAP	Convention on Long-range Transboundary Air Pollution
LTO	long-term objective
LULUCF	Land Use, Land-Use Change and Forestry
LV	limit value
MHMP	Prague City Hall
MIM	manual measuring program
MOE	Ministry of Environment
NAO	National Atmospheric Observatory
NAOK	National Atmospheric Observatory Košetice
NFR	Nomenclature for Reporting Codes
NMVOC	non-methane volatile organic compounds
NP	national park
O/K/F-M	Ostrava/Karviná/Frýdek-Místek
OC	organic carbon
OECD	Organisation for Economic Cooperation and Development
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyls
PCDD	polychlorinated dibenzo-p-dioxins
PLA	protected landscape area
PM <sub>10</sub>	particulate matter fraction < 10 µm
PM <sub>2.5</sub>	particulate matter fraction < 2.5 µm
POP	persistent organic pollutants
PZKO	Air Quality Improvement Program
REZZO	Register of Air Pollution Emissions Sources
RPH	regulatory threshold value
SELČ	Central European Summer Time
SLDB	Census of persons, houses and apartments
SPE	summary operating records
SWRS	Smog Warning and Regulation System
SZÚ	National Institute of Public Health
TAČR	Technology Agency of the Czech Republic
TC	total carbon
TSP	total suspended particulates
UCR	Unit Carcinogenic Risk
UFIREG	Ultrafine Particles – an evidence based contribution to the development of regional and European environmental and health policy
ÚCHP AV ČR	Institute of Chemical Process Fundamentals of the CAS
UN	United Nations
UN-ECE	United Nations Economic Commission for Europe
UTC	Coordinated Universal Time
ÚVGZ AV ČR	Global Change Research Institute CAS
v. v. i.	public research institution
VI	ventilation index
VOC	volatile organic compounds
VPH	alert threshold value
VŠB TU	Technical University of Ostrava
VÚLHM	Forest Management and Gamekeeping Research Institute
WaM	with additional measures
WHO	World Health Organization
WM	without additional measures
WMO	World Meteorological Organization
WWTP	Waste Water Treatment Plant
ZABAGED	Fundamental Base of Geographic Data of the Czech Republic
ZÚ	Institute of Public Health