

Abbreviations and acronyms

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| ADI | Acceptable Daily Intake |
| AQFD | Air Quality Framework Directive (EU) |
| AW | Ash Weight |
| BAT | Best Available Techniques |
| BMC | benchmark concentration |
| BMD | benchmark dose |
| CBA | Cost-Benefit Analysis |
| CLRTAP | Convention on Long-Range Transboundary Air Pollution |
| COD | Chemical Oxygen Demand |
| COI | Cost of illness |
| Corg | organic carbon |
| CORINAIR | Core Inventory of Air Emissions in Europe |
| CORINE | Coordinated Information on the Environment |
| CTD | Characteristic Travel Distance |
| DALY | Disability Adjusted Life Years |
| DNA | Deoxyribonucleic Acid |
| DW | Dry Weight |
| EC | European Commission |
| EEA | European Environment Agency |
| EMEP | Co-operative programme for monitoring and evaluation of long range transmission of air pollutants in Europe |
| ERICA | European rivers and catchments database |
| EU | European Union |
| EU15 | the countries being member of the European Union as of 1995 |
| EUROSTAT | Statistical Office of the European Communities |
| ExternE | Externalities of Energy |
| FAO | Food and Agriculture Organization of the United Nations |
| FBS | Food Balance Sheet |
| FW | Fresh Weight |

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| GIS | Geographic Information System |
| GNP | Gross National Product |
| HELCOM | Baltic Marine Environment Protection Commission (Helsinki Commission) |
| HHRAP | Human Health Risk Assessment Protocol |
| HTP | Human Toxicity Potential |
| HYDRO1k | Family of hydrologically related GIS datasets based on a 1 km grid |
| IAEA | International Atomic Energy Agency |
| ICP | International Cooperative Programme on Effects of Air Pollution |
| ILSI | International Life Science Institute |
| IPPC | Integrated Pollution Prevention and Control (EU Directive) |
| ISC | Industrial Source Complex Model |
| ITP | Individual Time Preference |
| LAI | Leaf Area Index |
| LCA | Life Cycle Analysis |
| LCI | Life Cycle Inventory |
| LCIA | Life Cycle Impact Assessment |
| LOAEL | Lowest Observed Adverse Effect Level |
| MEI | Maximally Exposed Individual |
| MM | mineral matter |
| MOE | Margin Of Exposure |
| MOS | Margin Of Safety |
| n/a | not available or not applicable |
| NEW | Net Economic Welfare |
| NMVOC | Non-methane volatile organic compound |
| NOAEL | No Observed Adverse Effect Level |
| NUTS | Nomenclature des Unités Territoriales Statistiques (Nomenclature of Territorial Units for Statistics) |
| NUTS0 | Administrative unit at the country level |
| NUTS1 | Administrative unit at e.g. the federal state or canton level |
| NUTS2 | Administrative unit between e.g. the federal state or canton and the municipal level |
| NUTS3 | Administrative unit at the municipal level |
| OAT | one-factor-at-a-time (sensitivity screening approach) |
| OCC | Opportunity Cost of Capital |
| OCDD | Octachlorinated dibenzo-p-dioxin |
| ODE | ordinary differential equation |
| OM | organic matter |
| PAH | Polycyclic Aromatic Hydrocarbon (group of compounds) |
| PBT | Persistent, Bioaccumulative and Toxic chemicals |

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| PCB | Polychlorinated biphenyl |
| PCDD | Polychlorinated dibenzo-p-dioxin |
| PCDF | Polychlorinated dibenzofuran |
| PEC | Predicted Environmental Concentration |
| PNEC | Predicted No Effect Concentration |
| POP | Persistent Organic Pollutant |
| PTO | person trade-off |
| QSAR | Quantitative Structure Activity Relationship |
| RA | Risk Assessment |
| RCF | Root Concentration Factor |
| RCR | Risk Characterisation Ratio |
| RfC | Reference Concentration |
| RfD | Reference Dose |
| RME | Reasonable Maximum Exposures |
| SCALE | Science, Children, Awareness, EU Legislation and Continuous Evaluation (initiative at the EU level) |
| SETAC | Society of Environmental Toxicology and Chemistry |
| SROM | Source Receptor Ozone Model |
| STP | Social Time Preference |
| t | tonnes (metric) , , |
| TBT | tributyltin |
| TCDD | 2,3,7,8-tetrachlorodibenzo(p)dioxin |
| TCDD | tetrachlorinated dibenzo-p-dioxin (usually the 2,3,7,8-substituted congener) |
| TD50 | median Tumor Dose |
| TEF | Toxic Equivalency Factor |
| TEQ | Toxic Equivalent |
| TGD | Technical Guidance Documents |
| TRIM | Total Risk Integrated Methodology |
| TSCF | Transpiration Stream Concentration Factor |
| UK | United Kingdom |
| UN/ECE | United Nations Economic Commission for Europe |
| US | United States of America |
| US-EPA | United States - Environmental Protection Agency |
| US-EPA | United States Environmental Protection Agency |
| USLE | Universal Soil Loss Equation |
| USSR | Union of Soviet Socialist Republics |
| UWM | Uniform World Model |
| VLYL | Value of life years lost |
| VOC | Volatile Organic Compound |

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| VOLY | Value of a life year |
| VOSL | Value of a statistical life |
| vPvB | Persistent and very Bioaccumulative chemicals |
| VSL | Value of a statistical life |
| WATSON | integrated WATER and SOil environmental fate, exposure and impact assessment model of Noxious substances |
| WFD | Water Framework Directive (EU) |
| WHO | World Health Organisation |
| WTA | Willingness to accept |
| WTM | Windrose Trajectory Model |
| WTP | Willingness to pay |
| YLD | Years of Life lived with a Disability |
| YOLL | Years of Life Lost |
| yr | year(s) |