

# Manifest for airpollution.csv

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## Column Overview

### Category

Parameters:

- PM25
- SOx
- NH3
- PM10
- NOx
- VOC

### Location

Parameters:

- Urban
- Peri-Urban
- Rural
- Transport
- N/A for PM2.5
- N/A for SOx
- N/A for NH3
- N/A for PM10
- N/A for NOx
- N/A for VOC

### Impact

Parameters:

- Primary Health
- Visibility
- Agriculture
- Secondary Health

### Units

Parameters:

- /metric ton

### Reference

Parameters:

- Air Pollution\_PM25\_Urban\_Primary Health
- Air Pollution\_PM25\_Peri-Urban\_Primary Health
- Air Pollution\_PM25\_Rural\_Primary Health
- Air Pollution\_PM25\_Transport\_Primary Health
- Air Pollution\_PM25\_N/A for PM2.5\_Visibility
- Air Pollution\_SOx\_Urban\_Primary Health
- Air Pollution\_SOx\_Peri-Urban\_Primary Health
- Air Pollution\_SOx\_Rural\_Primary Health
- Air Pollution\_SOx\_Transport\_Primary Health
- Air Pollution\_SOx\_N/A for SOx\_Visibility
- Air Pollution\_NH3\_Urban\_Primary Health
- Air Pollution\_NH3\_Peri-Urban\_Primary Health
- Air Pollution\_NH3\_Rural\_Primary Health
- Air Pollution\_NH3\_Transport\_Primary Health
- Air Pollution\_NH3\_N/A for NH3\_Visibility
- Air Pollution\_PM10\_Urban\_Primary Health
- Air Pollution\_PM10\_Peri-Urban\_Primary Health
- Air Pollution\_PM10\_Rural\_Primary Health
- Air Pollution\_PM10\_Transport\_Primary Health
- Air Pollution\_PM10\_N/A for PM10\_Visibility
- Air Pollution\_NOx\_Urban\_Primary Health
- Air Pollution\_NOx\_Peri-Urban\_Primary Health
- Air Pollution\_NOx\_Rural\_Primary Health
- Air Pollution\_NOx\_Transport\_Primary Health
- Air Pollution\_NOx\_N/A for NOx\_Agriculture
- Air Pollution\_NOx\_N/A for NOx\_Visibility
- Air Pollution\_VOC\_N/A for VOC\_Secondary Health
- Air Pollution\_VOC\_N/A for VOC\_Visibility
- Air Pollution\_VOC\_N/A for VOC\_Agriculture

# Manifest for ghgs.csv

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## Column Overview

### Units

Parameters:

- \$/tCO2e

### Impact

Parameters:

- 236.0

# Manifest for land-conversion.csv

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## Column Overview

### Category

Parameters:

- Wheat - conventional
- Vegetables, fruit, nuts - conventional
- Cereals, grains - conventional
- Oilseeds - conventional
- Sugarcane, sugarbeet - conventional
- Plant-based fibers - conventional
- Other crops - conventional
- Other crops - organic
- Other crops - sustainable
- Bovine, sheep, goats, horses - conventional
- Bovine, sheep, goats, horses - organic
- Bovine, sheep, goats, horses - sustainable
- Cashmere - conventional
- Cashmere - organic
- Cashmere - sustainable
- Forestry
- Paddy rice
- Paved

### Impact

Parameters:

- Lost Ecosystem Services

### Reference

Parameters:

- Land Conversion\_Wheat - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Vegetables, fruit, nuts - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Cereals, grains - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Oilseeds - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Sugarcane, sugarbeet - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Plant-based fibers - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Other crops - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Other crops - organic\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Other crops - sustainable\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Bovine, sheep, goats, horses - conventional\_N/A for LULC\_Lost Ecosystem Services

- Land Conversion\_Bovine, sheep, goats, horses - organic\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Bovine, sheep, goats, horses - sustainable\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Cashmere - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Cashmere - organic\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Cashmere - sustainable\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Forestry\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Paddy rice\_N/A for LULC\_Lost Ecosystem Services
- Land Conversion\_Paved\_N/A for LULC\_Lost Ecosystem Services

# Manifest for land-use.csv

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## Column Overview

### Category

Parameters:

- Wheat - conventional
- Vegetables, fruit, nuts - conventional
- Cereals, grains - conventional
- Oilseeds - conventional
- Sugarcane, sugarbeet - conventional
- Plant-based fibers - conventional
- Other crops - conventional
- Other crops - organic
- Other crops - sustainable
- Bovine, sheep, goats, horses - conventional
- Bovine, sheep, goats, horses - organic
- Bovine, sheep, goats, horses - sustainable
- Cashmere - conventional
- Cashmere - organic
- Cashmere - sustainable
- Forestry
- Paddy rice
- Paved

### Impact

Parameters:

- Lost Ecosystem Services

### Units

Parameters:

- /ha

### Reference

Parameters:

- Land Use\_Wheat - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Vegetables, fruit, nuts - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Cereals, grains - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Oilseeds - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Sugarcane, sugarbeet - conventional\_N/A for LULC\_Lost Ecosystem Services

- Land Use\_Plant-based fibers - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Other crops - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Other crops - organic\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Other crops - sustainable\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Bovine, sheep, goats, horses - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Bovine, sheep, goats, horses - organic\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Bovine, sheep, goats, horses - sustainable\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Cashmere - conventional\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Cashmere - organic\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Cashmere - sustainable\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Forestry\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Paddy rice\_N/A for LULC\_Lost Ecosystem Services
- Land Use\_Paved\_N/A for LULC\_Lost Ecosystem Services

# Manifest for waste.csv

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## Column Overview

### Category

Parameters:

- Hazardous
- Non-Hazardous

### Location

Parameters:

- Landfill
- Incineration
- Unspecified

### Impact

Parameters:

- Leachate
- Waste GHGs
- Disamenity
- Waste Air pollution
- Heavy metals and dioxins

### Units

Parameters:

- /kg

### Reference

Parameters:

- Waste\_Hazardous\_Landfill\_Leachate
- Waste\_Hazardous\_Landfill\_Waste GHGs
- Waste\_Hazardous\_Landfill\_Disamenity
- Waste\_Non-Hazardous\_Landfill\_Leachate
- Waste\_Non-Hazardous\_Landfill\_Waste GHGs
- Waste\_Non-Hazardous\_Landfill\_Disamenity
- Waste\_Hazardous\_Incineration\_Waste GHGs
- Waste\_Hazardous\_Incineration\_Disamenity
- Waste\_Hazardous\_Incineration\_Waste Air pollution
- Waste\_Hazardous\_Incineration\_Heavy metals and dioxins



- Waste\_Non-Hazardous\_Incineration\_Waste GHGs
- Waste\_Non-Hazardous\_Incineration\_Disamenity
- Waste\_Non-Hazardous\_Incineration\_Waste Air pollution
- Waste\_Non-Hazardous\_Incineration\_Heavy metals and dioxins
- Waste\_Hazardous\_Unspecified\_Leachate
- Waste\_Hazardous\_Unspecified\_Waste Air pollution
- Waste\_Hazardous\_Unspecified\_Heavy metals and dioxins
- Waste\_Hazardous\_Unspecified\_Disamenity
- Waste\_Hazardous\_Unspecified\_Waste GHGs
- Waste\_Non-Hazardous\_Unspecified\_Leachate
- Waste\_Non-Hazardous\_Unspecified\_Waste Air pollution
- Waste\_Non-Hazardous\_Unspecified\_Heavy metals and dioxins
- Waste\_Non-Hazardous\_Unspecified\_Disamenity
- Waste\_Non-Hazardous\_Unspecified\_Waste GHGs

# Manifest for water-consumption.csv

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## Column Overview

### Category

Parameters:

- N/A for WC

### Location

Parameters:

- N/A for WC

### Impact

Parameters:

- Malnutrition
- Water-borne disease
- Resource cost
- Ecosystem services

### Units

Parameters:

- /m3

### Reference

Parameters:

- Water Consumption\_N/A for WC\_N/A for WC\_Malnutrition
  - Water Consumption\_N/A for WC\_N/A for WC\_Water-borne disease
  - Water Consumption\_N/A for WC\_N/A for WC\_Resource cost
  - Water Consumption\_N/A for WC\_N/A for WC\_Ecosystem services
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# Manifest for water-pollution.csv

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## Column Overview

### Category

Parameters:

- Phosphorus
- Nitrogen
- Ag(I)
- As(III)
- As(V)
- Ba(II)
- Be(II)
- Cd(II)
- Co(II)
- Cr(III)
- Cr(VI)
- Cu(II)
- Hg(II)
- Mo(VI)
- Ni(II)
- Pb(II)
- Sb(III)
- Sb(V)
- Se(IV)
- Tl(I)
- V(V)
- Zn(II)
- 1,2-dichlorobenzene
- 1,2-dichloroethane
- 1,2-DIMETHYL-5-NITRO-1H-IMIDAZOLE
- 1,3-Dichloropropene
- 1,4-dichlorobenzene
- 2-(2,4-dichlorophenoxy)acetic acid
- 2,4,6-trichlorophenol
- 2-CHLOROPHENOL
- 3-Methylcholanthrene
- 4-CHLOROANILINE
- 7,12-Dimethylbenz(a)anthracene
- Acenapthene
- ACEPHATE
- ACETAMIDE,
- Albuterol

- Aldicarb
- aniline
- anthracene
- ANTIPYRINE
- Atrazine
- benzene
- Benzidine
- benzo[a]pyrene
- Bezafibrate
- butyl benzyl phthalate
- butyl benzyl phthalate
- Carbamazepine
- chlorobenzene
- Chloropyrifos
- Chlorothalonil
- CYANAZINE
- CYPERMETHRIN
- DEF
- di-(2-ethylhexyl)-phthalate (DEHP)
- Diazinon
- Dibenz(a,h)anthracene
- Dicamba
- dichloromethane/methylenechloride (CH<sub>2</sub>Cl<sub>2</sub>)
- Diclofenac
- Dicrotophos
- Ethephon
- fluoranthene
- fluorene
- Fluvastatin
- FUROSEMIDE
- Gemfibrozil
- GLUFOSINATE-AMMONIUM
- Glyphosate
- INDOMETHACIN
- Iopromide
- Malathion
- Mancozeb
- Methyl Bromide
- Metolachlor
- Metoprolol
- METRONIDAZOLE
- Naled
- NALIDIXIC ACID
- naphthalene
- OXOLINIC ACID
- Paraquat

- Parathion-methyl
- Pendimethalin
- pentachlorophenol
- Phorate
- Propanil
- pyrene
- Pyrene, 1-nitro-
- Sulfamethoxazole
- Terbutaline
- tetrachloroethylene
- THIABENDAZOLE
- TRI-2-CHLOROETHYL PHOSPHATE
- trichloroethylene
- trifluralin
- TRIMETHOPRIM
- Tris (2,3-dibromopropyl) phosphate
- trichloromethane/chloroform (CHCl<sub>3</sub>)
- Warfarin
- PAHs
- Pesticides
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium
- Cobalt
- Copper
- Lead
- Mercury
- Molybdenum
- Nickel
- Silver
- Thallium
- Vanadium
- Zinc
- Analgesics, anesthetics & NSAIDs
- Antibiotics
- Anticoagulants
- Anthelmintics
- Antihyperlipidemic agents
- Beta-agonists
- Beta-blockers
- Contrast agents
- Diuretics
- Psychiatric drugs

## Location

### Parameters:

- N/A for this Category
- Freshwater
- Seawater
- Unspecified

## Impact

### Parameters:

- Eutrophication
- Health

## Units

### Parameters:

- /kg

## Reference

### Parameters:

- Water Pollution\_Phosphorus\_N/A for this Category\_Eutrophication
- Water Pollution\_Nitrogen\_N/A for this Category\_Eutrophication
- Water Pollution\_Ag(I)\_Freshwater\_Health
- Water Pollution\_Ag(I)\_Seawater\_Health
- Water Pollution\_Ag(I)\_Unspecified\_Health
- Water Pollution\_As(III)\_Freshwater\_Health
- Water Pollution\_As(III)\_Seawater\_Health
- Water Pollution\_As(III)\_Unspecified\_Health
- Water Pollution\_As(V)\_Freshwater\_Health
- Water Pollution\_As(V)\_Seawater\_Health
- Water Pollution\_As(V)\_Unspecified\_Health
- Water Pollution\_Ba(II)\_Freshwater\_Health
- Water Pollution\_Ba(II)\_Seawater\_Health
- Water Pollution\_Ba(II)\_Unspecified\_Health
- Water Pollution\_Be(II)\_Freshwater\_Health
- Water Pollution\_Be(II)\_Seawater\_Health
- Water Pollution\_Be(II)\_Unspecified\_Health
- Water Pollution\_Cd(II)\_Freshwater\_Health
- Water Pollution\_Cd(II)\_Seawater\_Health
- Water Pollution\_Cd(II)\_Unspecified\_Health
- Water Pollution\_Co(II)\_Freshwater\_Health
- Water Pollution\_Co(II)\_Seawater\_Health
- Water Pollution\_Co(II)\_Unspecified\_Health
- Water Pollution\_Cr(III)\_Freshwater\_Health

- Water Pollution\_Cr(III)\_Seawater\_Health
- Water Pollution\_Cr(III)\_Unspecified\_Health
- Water Pollution\_Cr(VI)\_Freshwater\_Health
- Water Pollution\_Cr(VI)\_Seawater\_Health
- Water Pollution\_Cr(VI)\_Unspecified\_Health
- Water Pollution\_Cu(II)\_Freshwater\_Health
- Water Pollution\_Cu(II)\_Seawater\_Health
- Water Pollution\_Cu(II)\_Unspecified\_Health
- Water Pollution\_Hg(II)\_Freshwater\_Health
- Water Pollution\_Hg(II)\_Seawater\_Health
- Water Pollution\_Hg(II)\_Unspecified\_Health
- Water Pollution\_Mo(VI)\_Freshwater\_Health
- Water Pollution\_Mo(VI)\_Seawater\_Health
- Water Pollution\_Mo(VI)\_Unspecified\_Health
- Water Pollution\_Ni(II)\_Freshwater\_Health
- Water Pollution\_Ni(II)\_Seawater\_Health
- Water Pollution\_Ni(II)\_Unspecified\_Health
- Water Pollution\_Pb(II)\_Freshwater\_Health
- Water Pollution\_Pb(II)\_Seawater\_Health
- Water Pollution\_Pb(II)\_Unspecified\_Health
- Water Pollution\_Sb(III)\_Freshwater\_Health
- Water Pollution\_Sb(III)\_Seawater\_Health
- Water Pollution\_Sb(III)\_Unspecified\_Health
- Water Pollution\_Sb(V)\_Freshwater\_Health
- Water Pollution\_Sb(V)\_Seawater\_Health
- Water Pollution\_Sb(V)\_Unspecified\_Health
- Water Pollution\_Se(IV)\_Freshwater\_Health
- Water Pollution\_Se(IV)\_Seawater\_Health
- Water Pollution\_Se(IV)\_Unspecified\_Health
- Water Pollution\_Tl(I)\_Freshwater\_Health
- Water Pollution\_Tl(I)\_Seawater\_Health
- Water Pollution\_Tl(I)\_Unspecified\_Health
- Water Pollution\_V(V)\_Freshwater\_Health
- Water Pollution\_V(V)\_Seawater\_Health
- Water Pollution\_V(V)\_Unspecified\_Health
- Water Pollution\_Zn(II)\_Freshwater\_Health
- Water Pollution\_Zn(II)\_Seawater\_Health
- Water Pollution\_Zn(II)\_Unspecified\_Health
- Water Pollution\_1,2-dichlorobenzene\_Freshwater\_Health
- Water Pollution\_1,2-dichlorobenzene\_Seawater\_Health
- Water Pollution\_1,2-dichlorobenzene\_Unspecified\_Health
- Water Pollution\_1,2-dichloroethane\_Freshwater\_Health
- Water Pollution\_1,2-dichloroethane\_Seawater\_Health
- Water Pollution\_1,2-dichloroethane\_Unspecified\_Health
- Water Pollution\_1,2-DIMETHYL-5-NITRO-1H-IMIDAZOLE\_Freshwater\_Health
- Water Pollution\_1,2-DIMETHYL-5-NITRO-1H-IMIDAZOLE\_Seawater\_Health

- Water Pollution\_1,2-DIMETHYL-5-NITRO-1H-IMIDAZOLE\_Unspecified\_Health
- Water Pollution\_1,3-Dichloropropene\_Freshwater\_Health
- Water Pollution\_1,3-Dichloropropene\_Seawater\_Health
- Water Pollution\_1,3-Dichloropropene\_Unspecified\_Health
- Water Pollution\_1,4-dichlorobenzene\_Freshwater\_Health
- Water Pollution\_1,4-dichlorobenzene\_Seawater\_Health
- Water Pollution\_1,4-dichlorobenzene\_Unspecified\_Health
- Water Pollution\_2-(2,4-dichlorophenoxy)acetic acid\_Freshwater\_Health
- Water Pollution\_2-(2,4-dichlorophenoxy)acetic acid\_Seawater\_Health
- Water Pollution\_2-(2,4-dichlorophenoxy)acetic acid\_Unspecified\_Health
- Water Pollution\_2,4,6-trichlorophenol\_Freshwater\_Health
- Water Pollution\_2,4,6-trichlorophenol\_Seawater\_Health
- Water Pollution\_2,4,6-trichlorophenol\_Unspecified\_Health
- Water Pollution\_2-CHLOROPHENOL\_Freshwater\_Health
- Water Pollution\_2-CHLOROPHENOL\_Seawater\_Health
- Water Pollution\_2-CHLOROPHENOL\_Unspecified\_Health
- Water Pollution\_3-Methylcholanthrene\_Freshwater\_Health
- Water Pollution\_3-Methylcholanthrene\_Seawater\_Health
- Water Pollution\_3-Methylcholanthrene\_Unspecified\_Health
- Water Pollution\_4-CHLOROANILINE\_Freshwater\_Health
- Water Pollution\_4-CHLOROANILINE\_Seawater\_Health
- Water Pollution\_4-CHLOROANILINE\_Unspecified\_Health
- Water Pollution\_7,12-Dimethylbenz(a)anthracene\_Freshwater\_Health
- Water Pollution\_7,12-Dimethylbenz(a)anthracene\_Seawater\_Health
- Water Pollution\_7,12-Dimethylbenz(a)anthracene\_Unspecified\_Health
- Water Pollution\_Acenaphthene\_Freshwater\_Health
- Water Pollution\_Acenaphthene\_Seawater\_Health
- Water Pollution\_Acenaphthene\_Unspecified\_Health
- Water Pollution\_ACEPHATE\_Freshwater\_Health
- Water Pollution\_ACEPHATE\_Seawater\_Health
- Water Pollution\_ACEPHATE\_Unspecified\_Health
- Water Pollution\_ACETAMIDE,\_Freshwater\_Health
- Water Pollution\_ACETAMIDE,\_Seawater\_Health
- Water Pollution\_ACETAMIDE,\_Unspecified\_Health
- Water Pollution\_Albuterol\_Freshwater\_Health
- Water Pollution\_Albuterol\_Seawater\_Health
- Water Pollution\_Albuterol\_Unspecified\_Health
- Water Pollution\_Aldicarb\_Freshwater\_Health
- Water Pollution\_Aldicarb\_Seawater\_Health
- Water Pollution\_Aldicarb\_Unspecified\_Health
- Water Pollution\_aniline\_Freshwater\_Health
- Water Pollution\_aniline\_Seawater\_Health
- Water Pollution\_aniline\_Unspecified\_Health
- Water Pollution\_anthracene\_Freshwater\_Health
- Water Pollution\_anthracene\_Seawater\_Health
- Water Pollution\_anthracene\_Unspecified\_Health



- Water Pollution\_ANTIPYRINE\_Freshwater\_Health
- Water Pollution\_ANTIPYRINE\_Seawater\_Health
- Water Pollution\_ANTIPYRINE\_Unspecified\_Health
- Water Pollution\_Atrazine\_Freshwater\_Health
- Water Pollution\_Atrazine\_Seawater\_Health
- Water Pollution\_Atrazine\_Unspecified\_Health
- Water Pollution\_benzene\_Freshwater\_Health
- Water Pollution\_benzene\_Seawater\_Health
- Water Pollution\_benzene\_Unspecified\_Health
- Water Pollution\_Benzidine\_Freshwater\_Health
- Water Pollution\_Benzidine\_Seawater\_Health
- Water Pollution\_Benzidine\_Unspecified\_Health
- Water Pollution\_benzo[a]pyrene\_Freshwater\_Health
- Water Pollution\_benzo[a]pyrene\_Seawater\_Health
- Water Pollution\_benzo[a]pyrene\_Unspecified\_Health
- Water Pollution\_Bezafibrate\_Freshwater\_Health
- Water Pollution\_Bezafibrate\_Seawater\_Health
- Water Pollution\_Bezafibrate\_Unspecified\_Health
- Water Pollution\_butyl benzyl phthalate\_Freshwater\_Health
- Water Pollution\_butyl benzyl phthalate\_Seawater\_Health
- Water Pollution\_butyl benzyl phthalate\_Unspecified\_Health
- Water Pollution\_Carbamazepine\_Freshwater\_Health
- Water Pollution\_Carbamazepine\_Seawater\_Health
- Water Pollution\_Carbamazepine\_Unspecified\_Health
- Water Pollution\_chlorobenzene\_Freshwater\_Health
- Water Pollution\_chlorobenzene\_Seawater\_Health
- Water Pollution\_chlorobenzene\_Unspecified\_Health
- Water Pollution\_Chlorpyrifos\_Freshwater\_Health
- Water Pollution\_Chlorpyrifos\_Seawater\_Health
- Water Pollution\_Chlorpyrifos\_Unspecified\_Health
- Water Pollution\_Chlorothalonil\_Freshwater\_Health
- Water Pollution\_Chlorothalonil\_Seawater\_Health
- Water Pollution\_Chlorothalonil\_Unspecified\_Health
- Water Pollution\_CYANAZINE\_Freshwater\_Health
- Water Pollution\_CYANAZINE\_Seawater\_Health
- Water Pollution\_CYANAZINE\_Unspecified\_Health
- Water Pollution\_CYPERMETHRIN\_Freshwater\_Health
- Water Pollution\_CYPERMETHRIN\_Seawater\_Health
- Water Pollution\_CYPERMETHRIN\_Unspecified\_Health
- Water Pollution\_DEF\_Freshwater\_Health
- Water Pollution\_DEF\_Seawater\_Health
- Water Pollution\_DEF\_Unspecified\_Health
- Water Pollution\_di-(2-ethylhexyl)-phthalate (DEHP)\_Freshwater\_Health
- Water Pollution\_di-(2-ethylhexyl)-phthalate (DEHP)\_Seawater\_Health
- Water Pollution\_di-(2-ethylhexyl)-phthalate (DEHP)\_Unspecified\_Health
- Water Pollution\_Diazinon\_Freshwater\_Health

- Water Pollution\_Diazinon\_Seawater\_Health
- Water Pollution\_Diazinon\_Unspecified\_Health
- Water Pollution\_Dibenz(a,h)anthracene\_Freshwater\_Health
- Water Pollution\_Dibenz(a,h)anthracene\_Seawater\_Health
- Water Pollution\_Dibenz(a,h)anthracene\_Unspecified\_Health
- Water Pollution\_Dicamba\_Freshwater\_Health
- Water Pollution\_Dicamba\_Seawater\_Health
- Water Pollution\_Dicamba\_Unspecified\_Health
- Water Pollution\_dichloromethane/methylenechloride (CH<sub>2</sub>Cl<sub>2</sub>) \_Freshwater\_Health
- Water Pollution\_dichloromethane/methylenechloride (CH<sub>2</sub>Cl<sub>2</sub>) \_Seawater\_Health
- Water Pollution\_dichloromethane/methylenechloride (CH<sub>2</sub>Cl<sub>2</sub>) \_Unspecified\_Health
- Water Pollution\_Diclofenac\_Freshwater\_Health
- Water Pollution\_Diclofenac\_Seawater\_Health
- Water Pollution\_Diclofenac\_Unspecified\_Health
- Water Pollution\_Dicrotophos\_Freshwater\_Health
- Water Pollution\_Dicrotophos\_Seawater\_Health
- Water Pollution\_Dicrotophos\_Unspecified\_Health
- Water Pollution\_Ethephon\_Freshwater\_Health
- Water Pollution\_Ethephon\_Seawater\_Health
- Water Pollution\_Ethephon\_Unspecified\_Health
- Water Pollution\_fluoranthene\_Freshwater\_Health
- Water Pollution\_fluoranthene\_Seawater\_Health
- Water Pollution\_fluoranthene\_Unspecified\_Health
- Water Pollution\_fluorene\_Freshwater\_Health
- Water Pollution\_fluorene\_Seawater\_Health
- Water Pollution\_fluorene\_Unspecified\_Health
- Water Pollution\_Fluvastatin\_Freshwater\_Health
- Water Pollution\_Fluvastatin\_Seawater\_Health
- Water Pollution\_Fluvastatin\_Unspecified\_Health
- Water Pollution\_FUROSEMIDE\_Freshwater\_Health
- Water Pollution\_FUROSEMIDE\_Seawater\_Health
- Water Pollution\_FUROSEMIDE\_Unspecified\_Health
- Water Pollution\_Gemfibrozil\_Freshwater\_Health
- Water Pollution\_Gemfibrozil\_Seawater\_Health
- Water Pollution\_Gemfibrozil\_Unspecified\_Health
- Water Pollution\_GLUFOSINATE-AMMONIUM\_Freshwater\_Health
- Water Pollution\_GLUFOSINATE-AMMONIUM\_Seawater\_Health
- Water Pollution\_GLUFOSINATE-AMMONIUM\_Unspecified\_Health
- Water Pollution\_Glyphosate\_Freshwater\_Health
- Water Pollution\_Glyphosate\_Seawater\_Health
- Water Pollution\_Glyphosate\_Unspecified\_Health
- Water Pollution\_INDOMETHACIN\_Freshwater\_Health
- Water Pollution\_INDOMETHACIN\_Seawater\_Health
- Water Pollution\_INDOMETHACIN\_Unspecified\_Health
- Water Pollution\_Iopromide\_Freshwater\_Health
- Water Pollution\_Iopromide\_Seawater\_Health

- Water Pollution\_Iopromide\_Unspecified\_Health
- Water Pollution\_Malathion\_Freshwater\_Health
- Water Pollution\_Malathion\_Seawater\_Health
- Water Pollution\_Malathion\_Unspecified\_Health
- Water Pollution\_Mancozeb\_Freshwater\_Health
- Water Pollution\_Mancozeb\_Seawater\_Health
- Water Pollution\_Mancozeb\_Unspecified\_Health
- Water Pollution\_Methyl Bromide\_Freshwater\_Health
- Water Pollution\_Methyl Bromide\_Seawater\_Health
- Water Pollution\_Methyl Bromide\_Unspecified\_Health
- Water Pollution\_Metolachlor\_Freshwater\_Health
- Water Pollution\_Metolachlor\_Seawater\_Health
- Water Pollution\_Metolachlor\_Unspecified\_Health
- Water Pollution\_Metoprolol\_Freshwater\_Health
- Water Pollution\_Metoprolol\_Seawater\_Health
- Water Pollution\_Metoprolol\_Unspecified\_Health
- Water Pollution\_METRONIDAZOLE\_Freshwater\_Health
- Water Pollution\_METRONIDAZOLE\_Seawater\_Health
- Water Pollution\_METRONIDAZOLE\_Unspecified\_Health
- Water Pollution\_Naled\_Freshwater\_Health
- Water Pollution\_Naled\_Seawater\_Health
- Water Pollution\_Naled\_Unspecified\_Health
- Water Pollution\_NALIDIXIC ACID\_Freshwater\_Health
- Water Pollution\_NALIDIXIC ACID\_Seawater\_Health
- Water Pollution\_NALIDIXIC ACID\_Unspecified\_Health
- Water Pollution\_naphthalene\_Freshwater\_Health
- Water Pollution\_naphthalene\_Seawater\_Health
- Water Pollution\_naphthalene\_Unspecified\_Health
- Water Pollution\_OXOLINIC ACID\_Freshwater\_Health
- Water Pollution\_OXOLINIC ACID\_Seawater\_Health
- Water Pollution\_OXOLINIC ACID\_Unspecified\_Health
- Water Pollution\_Paraquat\_Freshwater\_Health
- Water Pollution\_Paraquat\_Seawater\_Health
- Water Pollution\_Paraquat\_Unspecified\_Health
- Water Pollution\_Parathion-methyl\_Freshwater\_Health
- Water Pollution\_Parathion-methyl\_Seawater\_Health
- Water Pollution\_Parathion-methyl\_Unspecified\_Health
- Water Pollution\_Pendimethalin\_Freshwater\_Health
- Water Pollution\_Pendimethalin\_Seawater\_Health
- Water Pollution\_Pendimethalin\_Unspecified\_Health
- Water Pollution\_pentachlorophenol\_Freshwater\_Health
- Water Pollution\_pentachlorophenol\_Seawater\_Health
- Water Pollution\_pentachlorophenol\_Unspecified\_Health
- Water Pollution\_Phorate\_Freshwater\_Health
- Water Pollution\_Phorate\_Seawater\_Health
- Water Pollution\_Phorate\_Unspecified\_Health

- Water Pollution\_Propanil\_Freshwater\_Health
- Water Pollution\_Propanil\_Seawater\_Health
- Water Pollution\_Propanil\_Unspecified\_Health
- Water Pollution\_pyrene\_Freshwater\_Health
- Water Pollution\_pyrene\_Seawater\_Health
- Water Pollution\_pyrene\_Unspecified\_Health
- Water Pollution\_Pyrene, 1-nitro-\_Freshwater\_Health
- Water Pollution\_Pyrene, 1-nitro-\_Seawater\_Health
- Water Pollution\_Pyrene, 1-nitro-\_Unspecified\_Health
- Water Pollution\_Sulfamethoxazole\_Freshwater\_Health
- Water Pollution\_Sulfamethoxazole\_Seawater\_Health
- Water Pollution\_Sulfamethoxazole\_Unspecified\_Health
- Water Pollution\_Terbutaline\_Freshwater\_Health
- Water Pollution\_Terbutaline\_Seawater\_Health
- Water Pollution\_Terbutaline\_Unspecified\_Health
- Water Pollution\_tetrachloroethylene\_Freshwater\_Health
- Water Pollution\_tetrachloroethylene\_Seawater\_Health
- Water Pollution\_tetrachloroethylene\_Unspecified\_Health
- Water Pollution\_THIABENDAZOLE\_Freshwater\_Health
- Water Pollution\_THIABENDAZOLE\_Seawater\_Health
- Water Pollution\_THIABENDAZOLE\_Unspecified\_Health
- Water Pollution\_TRI-2-CHLOROETHYL PHOSPHATE\_Freshwater\_Health
- Water Pollution\_TRI-2-CHLOROETHYL PHOSPHATE\_Seawater\_Health
- Water Pollution\_TRI-2-CHLOROETHYL PHOSPHATE\_Unspecified\_Health
- Water Pollution\_trichloroethylene\_Freshwater\_Health
- Water Pollution\_trichloroethylene\_Seawater\_Health
- Water Pollution\_trichloroethylene\_Unspecified\_Health
- Water Pollution\_trifluralin\_Freshwater\_Health
- Water Pollution\_trifluralin\_Seawater\_Health
- Water Pollution\_trifluralin\_Unspecified\_Health
- Water Pollution\_TRIMETHOPRIM\_Freshwater\_Health
- Water Pollution\_TRIMETHOPRIM\_Seawater\_Health
- Water Pollution\_TRIMETHOPRIM\_Unspecified\_Health
- Water Pollution\_Tris (2,3-dibromopropyl) phosphate\_Freshwater\_Health
- Water Pollution\_Tris (2,3-dibromopropyl) phosphate\_Seawater\_Health
- Water Pollution\_Tris (2,3-dibromopropyl) phosphate\_Unspecified\_Health
- Water Pollution\_trrichloromethane/chloroform (CHCl3)\_Freshwater\_Health
- Water Pollution\_trrichloromethane/chloroform (CHCl3)\_Seawater\_Health
- Water Pollution\_trrichloromethane/chloroform (CHCl3)\_Unspecified\_Health
- Water Pollution\_Warfarin\_Freshwater\_Health
- Water Pollution\_Warfarin\_Seawater\_Health
- Water Pollution\_Warfarin\_Unspecified\_Health
- Water Pollution\_PAHs\_Freshwater\_Health
- Water Pollution\_PAHs\_Seawater\_Health
- Water Pollution\_PAHs\_Unspecified\_Health
- Water Pollution\_Pesticides\_Freshwater\_Health

- Water Pollution\_Pesticides\_Seawater\_Health
- Water Pollution\_Pesticides\_Unspecified\_Health
- Water Pollution\_Antimony\_Freshwater\_Health
- Water Pollution\_Antimony\_Seawater\_Health
- Water Pollution\_Antimony\_Unspecified\_Health
- Water Pollution\_Arsenic\_Freshwater\_Health
- Water Pollution\_Arsenic\_Seawater\_Health
- Water Pollution\_Arsenic\_Unspecified\_Health
- Water Pollution\_Barium\_Freshwater\_Health
- Water Pollution\_Barium\_Seawater\_Health
- Water Pollution\_Barium\_Unspecified\_Health
- Water Pollution\_Beryllium\_Freshwater\_Health
- Water Pollution\_Beryllium\_Seawater\_Health
- Water Pollution\_Beryllium\_Unspecified\_Health
- Water Pollution\_Cadmium\_Freshwater\_Health
- Water Pollution\_Cadmium\_Seawater\_Health
- Water Pollution\_Cadmium\_Unspecified\_Health
- Water Pollution\_Chromium\_Freshwater\_Health
- Water Pollution\_Chromium\_Seawater\_Health
- Water Pollution\_Chromium\_Unspecified\_Health
- Water Pollution\_Cobalt\_Freshwater\_Health
- Water Pollution\_Cobalt\_Seawater\_Health
- Water Pollution\_Cobalt\_Unspecified\_Health
- Water Pollution\_Copper\_Freshwater\_Health
- Water Pollution\_Copper\_Seawater\_Health
- Water Pollution\_Copper\_Unspecified\_Health
- Water Pollution\_Lead\_Freshwater\_Health
- Water Pollution\_Lead\_Seawater\_Health
- Water Pollution\_Lead\_Unspecified\_Health
- Water Pollution\_Mercury\_Freshwater\_Health
- Water Pollution\_Mercury\_Seawater\_Health
- Water Pollution\_Mercury\_Unspecified\_Health
- Water Pollution\_Molybdenum\_Freshwater\_Health
- Water Pollution\_Molybdenum\_Seawater\_Health
- Water Pollution\_Molybdenum\_Unspecified\_Health
- Water Pollution\_Nickel\_Freshwater\_Health
- Water Pollution\_Nickel\_Seawater\_Health
- Water Pollution\_Nickel\_Unspecified\_Health
- Water Pollution\_Silver\_Freshwater\_Health
- Water Pollution\_Silver\_Seawater\_Health
- Water Pollution\_Silver\_Unspecified\_Health
- Water Pollution\_Thallium\_Freshwater\_Health
- Water Pollution\_Thallium\_Seawater\_Health
- Water Pollution\_Thallium\_Unspecified\_Health
- Water Pollution\_Vanadium\_Freshwater\_Health
- Water Pollution\_Vanadium\_Seawater\_Health

- Water Pollution\_Vanadium\_Unspecified\_Health
- Water Pollution\_Zinc\_Freshwater\_Health
- Water Pollution\_Zinc\_Seawater\_Health
- Water Pollution\_Zinc\_Unspecified\_Health
- Water Pollution\_Analgesics, anesthetics & NSAIDs\_Freshwater\_Health
- Water Pollution\_Analgesics, anesthetics & NSAIDs\_Seawater\_Health
- Water Pollution\_Analgesics, anesthetics & NSAIDs\_Unspecified\_Health
- Water Pollution\_Antibiotics\_Seawater\_Health
- Water Pollution\_Antibiotics\_Unspecified\_Health
- Water Pollution\_Anticoagulants\_Freshwater\_Health
- Water Pollution\_Anticoagulants\_Seawater\_Health
- Water Pollution\_Anticoagulants\_Unspecified\_Health
- Water Pollution\_Antihelminthics\_Freshwater\_Health
- Water Pollution\_Antihelminthics\_Seawater\_Health
- Water Pollution\_Antihelminthics\_Unspecified\_Health
- Water Pollution\_Antihyperlipidemic agents\_Freshwater\_Health
- Water Pollution\_Antihyperlipidemic agents\_Seawater\_Health
- Water Pollution\_Antihyperlipidemic agents\_Unspecified\_Health
- Water Pollution\_Beta-agonists\_Freshwater\_Health
- Water Pollution\_Beta-agonists\_Seawater\_Health
- Water Pollution\_Beta-agonists\_Unspecified\_Health
- Water Pollution\_Beta-blockers\_Freshwater\_Health
- Water Pollution\_Beta-blockers\_Seawater\_Health
- Water Pollution\_Beta-blockers\_Unspecified\_Health
- Water Pollution\_Contrast agents\_Freshwater\_Health
- Water Pollution\_Contrast agents\_Seawater\_Health
- Water Pollution\_Contrast agents\_Unspecified\_Health
- Water Pollution\_Diuretics\_Freshwater\_Health
- Water Pollution\_Diuretics\_Seawater\_Health
- Water Pollution\_Diuretics\_Unspecified\_Health
- Water Pollution\_Psychiatric drugs\_Freshwater\_Health
- Water Pollution\_Psychiatric drugs\_Seawater\_Health
- Water Pollution\_Psychiatric drugs\_Unspecified\_Health

# IFVI Global Value Factors Database (GVFD) V1

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## Data Manifest; Territories By Type & ISO-3166 (Alpha -2)

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### 1. Generally Recognized Sovereign States

- Afghanistan (AF)
- Albania (AL)
- Algeria (DZ)
- Andorra (AD)
- Angola (AO)
- Antigua and Barbuda (AG)
- Argentina (AR)
- Armenia (AM)
- Australia (AU)
- Austria (AT)
- Azerbaijan (AZ)
- Bahamas (BS)
- Bahrain (BH)
- Bangladesh (BD)
- Barbados (BB)
- Belarus (BY)
- Belgium (BE)
- Belize (BZ)
- Benin (BJ)
- Bhutan (BT)
- Bolivia (BO)
- Bosnia and Herzegovina (BA)
- Botswana (BW)
- Brazil (BR)
- Brunei Darussalam (BN)
- Bulgaria (BG)
- Burkina Faso (BF)
- Burundi (BI)
- Cabo Verde (CV)
- Cambodia (KH)
- Cameroon (CM)
- Canada (CA)
- Central African Republic (CF)
- Chad (TD)
- Chile (CL)
- China (CN)
- Colombia (CO)
- Comoros (KM)

- Democratic Republic of the Congo (CD)
- Republic of the Congo (CG)
- Costa Rica (CR)
- Cote d'Ivoire (CI)
- Croatia (HR)
- Cuba (CU)
- Cyprus (CY)
- Czechia (CZ)
- Denmark (DK)
- Djibouti (DJ)
- Dominica (DM)
- Dominican Republic (DO)
- Ecuador (EC)
- Egypt (EG)
- El Salvador (SV)
- Equatorial Guinea (GQ)
- Eritrea (ER)
- Estonia (EE)
- Eswatini (SZ)
- Ethiopia (ET)
- Fiji (FJ)
- Finland (FI)
- France (FR)
- Gabon (GA)
- Gambia (GM)
- Georgia (GE)
- Germany (DE)
- Ghana (GH)
- Greece (GR)
- Grenada (GD)
- Guatemala (GT)
- Guinea (GN)
- Guinea-Bissau (GW)
- Guyana (GY)
- Haiti (HT)
- Honduras (HN)
- Hungary (HU)
- Iceland (IS)
- India (IN)
- Indonesia (ID)
- Iran (IR)
- Iraq (IQ)
- Ireland (IE)
- Israel (IL)
- Italy (IT)
- Jamaica (JM)



- Japan (JP)
- Jordan (JO)
- Kazakhstan (KZ)
- Kenya (KE)
- Kiribati (KI)
- North Korea (KP)
- South Korea (KR)
- Kuwait (KW)
- Kyrgyz Republic (KG)
- Lao (LA)
- Latvia (LV)
- Lebanon (LB)
- Lesotho (LS)
- Liberia (LR)
- Libya (LY)
- Liechtenstein (LI)
- Lithuania (LT)
- Luxembourg (LU)
- Madagascar (MG)
- Malawi (MW)
- Malaysia (MY)
- Maldives (MV)
- Mali (ML)
- Malta (MT)
- Marshall Islands (MH)
- Mauritania (MR)
- Mauritius (MU)
- Mexico (MX)
- Micronesia (FM)
- Moldova (MD)
- Monaco (MC)
- Mongolia (MN)
- Montenegro (ME)
- Morocco (MA)
- Mozambique (MZ)
- Myanmar (MM)
- Namibia (NA)
- Nauru (NR)
- Nepal (NP)
- Netherlands (NL)
- New Zealand (NZ)
- Nicaragua (NI)
- Niger (NE)
- Nigeria (NG)
- North Macedonia (MK)
- Norway (NO)

- Oman (OM)
- Pakistan (PK)
- Palau (PW)
- Panama (PA)
- Papua New Guinea (PG)
- Paraguay (PY)
- Peru (PE)
- Philippines (PH)
- Poland (PL)
- Portugal (PT)
- Qatar (QA)
- Romania (RO)
- Russian Federation (RU)
- Rwanda (RW)
- Samoa (WS)
- San Marino (SM)
- Sao Tome and Principe (ST)
- Saudi Arabia (SA)
- Senegal (SN)
- Serbia (RS)
- Seychelles (SC)
- Sierra Leone (SL)
- Singapore (SG)
- Slovak Republic (SK)
- Slovenia (SI)
- Solomon Islands (SB)
- Somalia (SO)
- South Africa (ZA)
- South Sudan (SS)
- Spain (ES)
- Sri Lanka (LK)
- St. Kitts and Nevis (KN)
- St. Lucia (LC)
- St. Vincent and the Grenadines (VC)
- Sudan (SD)
- Suriname (SR)
- Sweden (SE)
- Switzerland (CH)
- Syria (SY)
- Tajikistan (TJ)
- Tanzania (TZ)
- Thailand (TH)
- Timor-Leste (TL)
- Togo (TG)
- Tonga (TO)
- Trinidad and Tobago (TT)

- Tunisia (TN)
- Türkiye (TR)
- Turkmenistan (TM)
- Tuvalu (TV)
- Uganda (UG)
- Ukraine (UA)
- United Arab Emirates (AE)
- United Kingdom (GB)
- United States (US)
- Uruguay (UY)
- Uzbekistan (UZ)
- Vanuatu (VU)
- Venezuela (VE)
- Vietnam (VN)
- Yemen (YE)
- Zambia (ZM)
- Zimbabwe (ZW)

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## 2. Overseas Dependencies (by country)

### United States

- American Samoa (AS)
- Guam (GU)
- Northern Mariana Islands (MP)
- Puerto Rico (PR)
- Virgin Islands (U.S.) (VI)

### United Kingdom

- Bermuda (BM)
- British Virgin Islands (VG)
- Cayman Islands (KY)
- Gibraltar (GI)
- Turks and Caicos Islands (TC)
- Isle of Man (IM)
- Channel Islands (JE, GG)

### France

- French Polynesia (PF)
- New Caledonia (NC)
- Faroe Islands (FO)

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## 3. Partially or Disputed Sovereignty

- Kosovo (XK)
- Taiwan (TW)
- West Bank and Gaza (PS)
- Hong Kong SAR (HK)
- Macao SAR (MO)