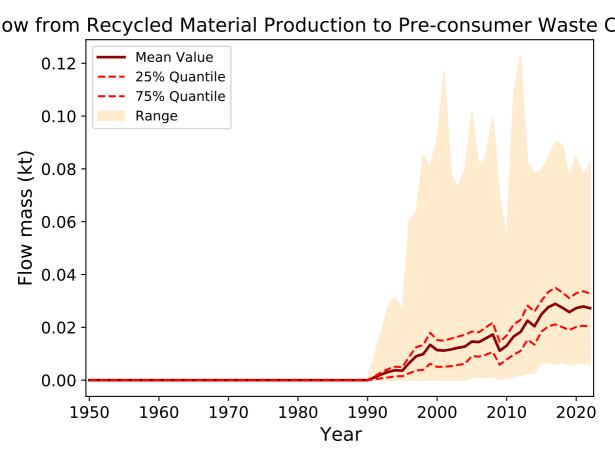
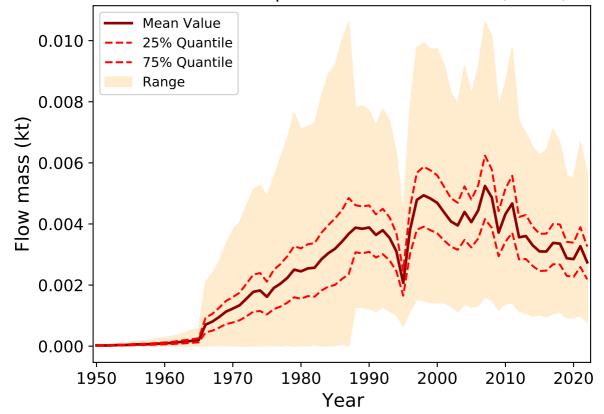
Flow from Recycled Material Production to Transport Mean Value 20.0 25% Quantile 75% Quantile 17.5 Range 15.0 Flow mass (kt) 12.5 10.0 7.5 5.0 2.5 0.0 2020 1950 1960 1970 1980 1990 2000 2010

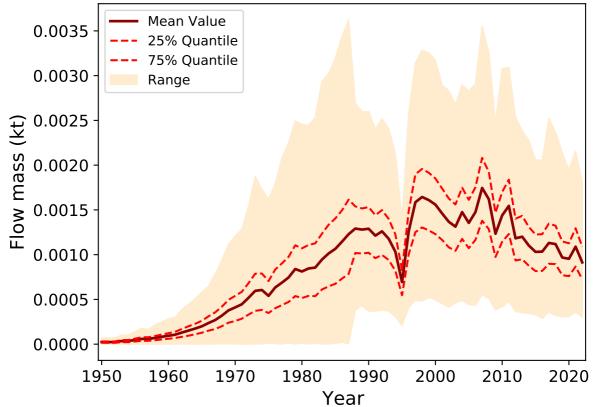
Year



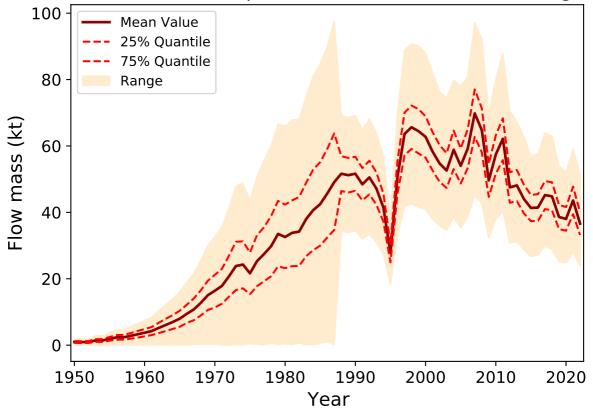
Flow from Transport to Residential Soil (micro)



Flow from Transport to Industrial Waste Water (micro)



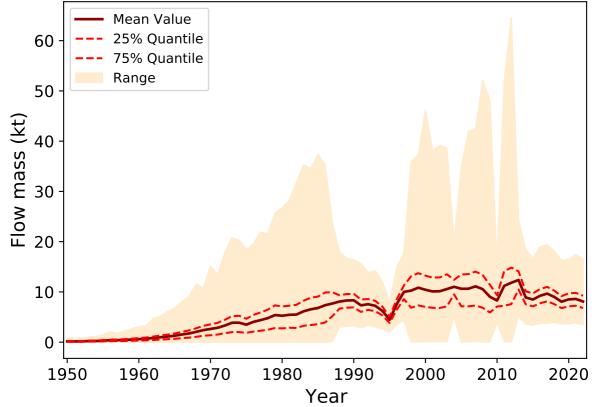
Flow from Transport to Non-Textile Manufacturing



Flow from Non-Textile Manufacturing to Residential Soil (mig 0.07 Mean Value 25% Quantile 75% Quantile 0.06 Range 0.05 Flow mass (kt) 0.04 0.03 0.02 0.01 0.00 1950 1960 1970 1980 1990 2000 2010 2020

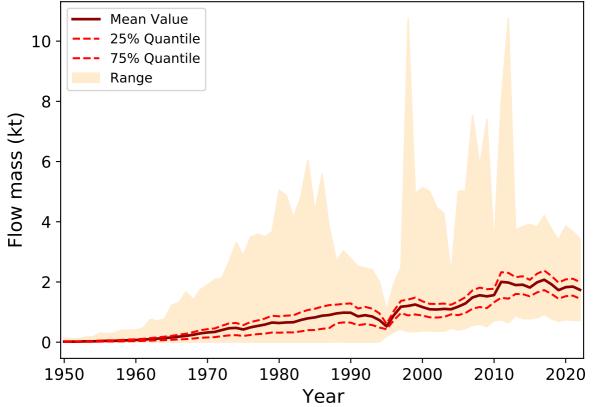
Year

Flow from Non-Textile Manufacturing to Packaging (sector)

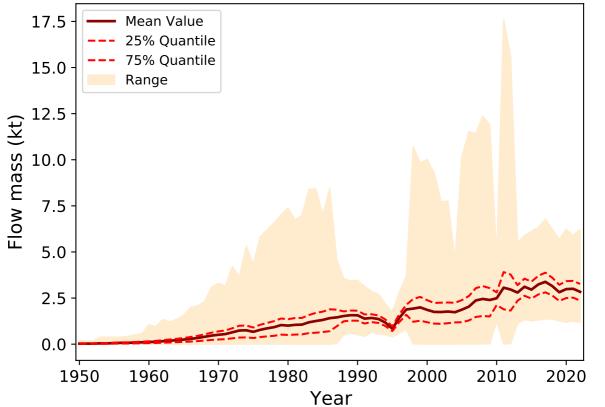


ow from Non-Textile Manufacturing to Building and Constructior Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) Year

Flow from Non-Textile Manufacturing to Agriculture (sector

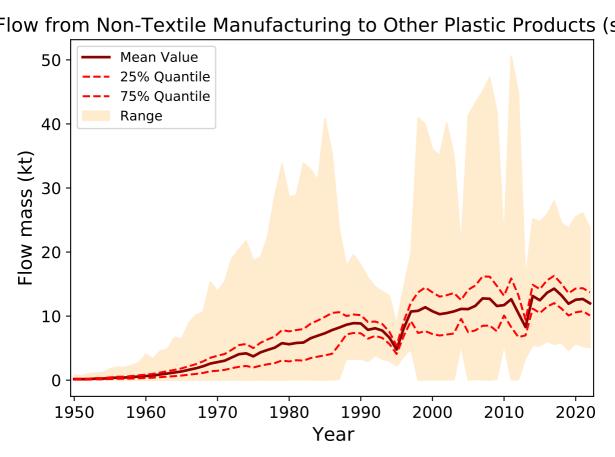


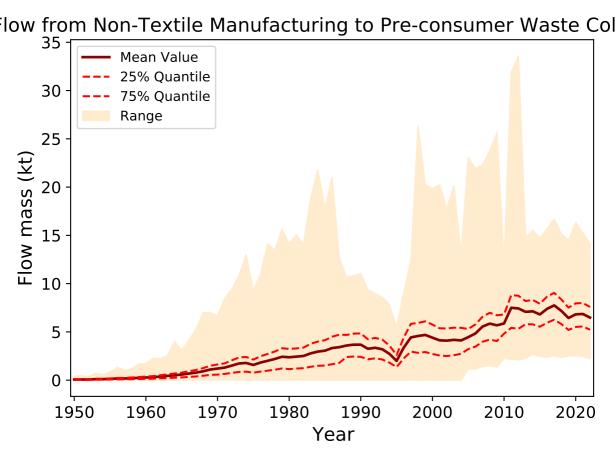
Flow from Non-Textile Manufacturing to Automotive (sector



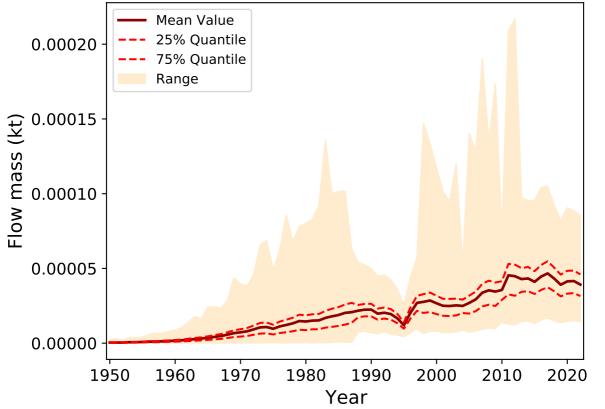
om Non-Textile Manufacturing to Electrical and Electronic Equip Mean Value 25% Quantile 75% Quantile Range Flow mass (kt)

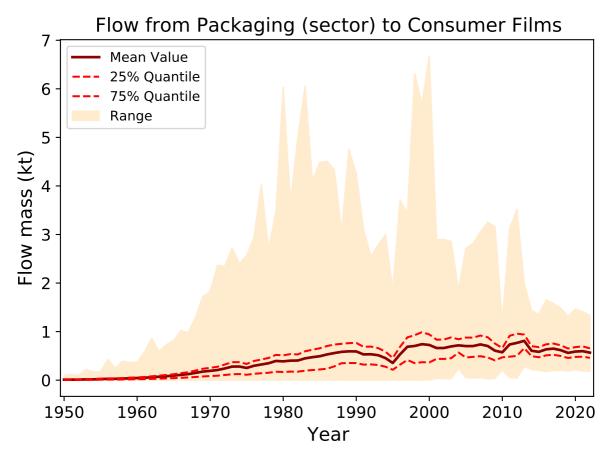
Year

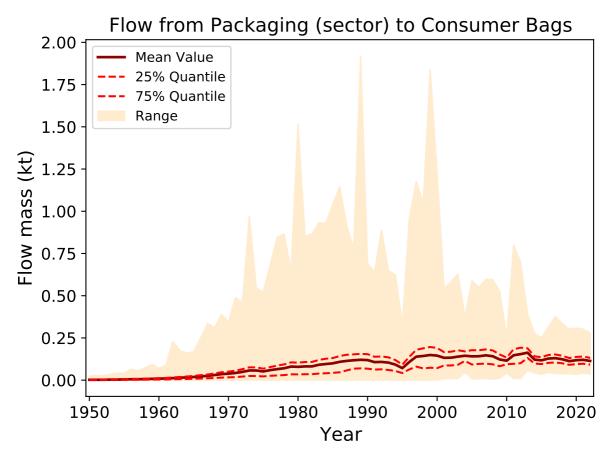




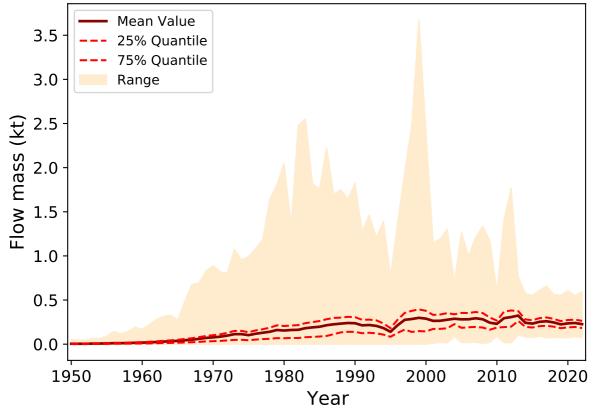
Flow from Non-Textile Manufacturing to Industrial Waste Wate



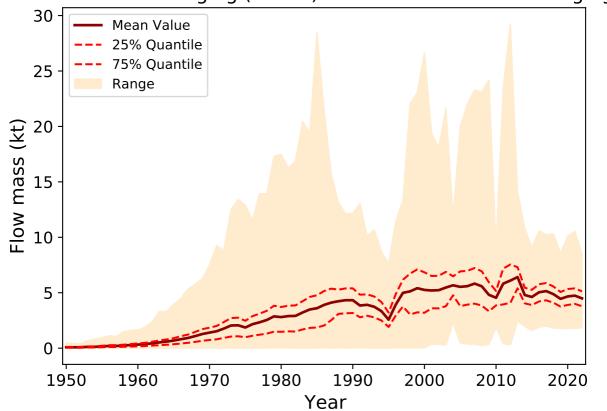




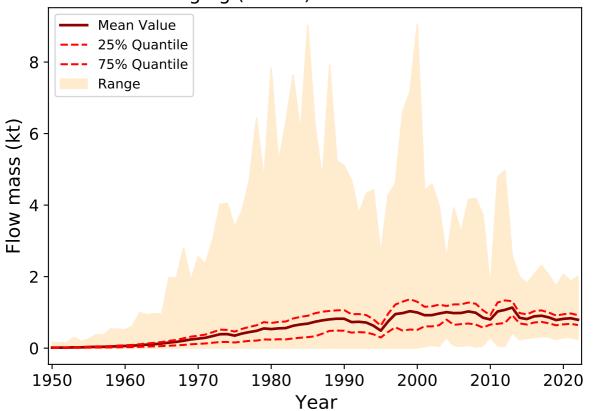
Flow from Packaging (sector) to Consumer Bottles



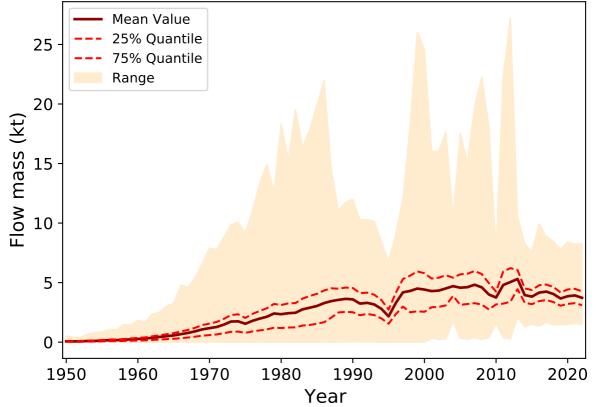
Flow from Packaging (sector) to Other Consumer Packaging



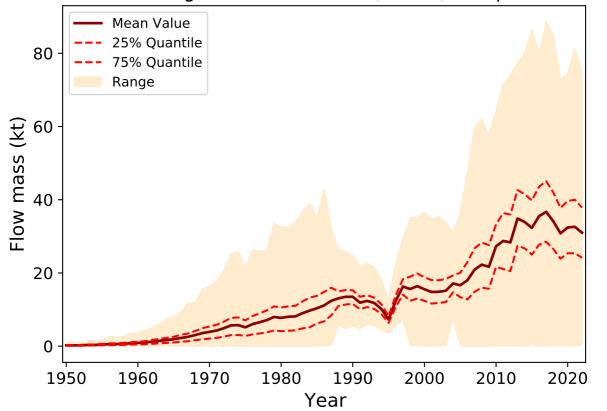
Flow from Packaging (sector) to Other Non Consumer Films



Flow from Packaging (sector) to Other Non Consumer Packag

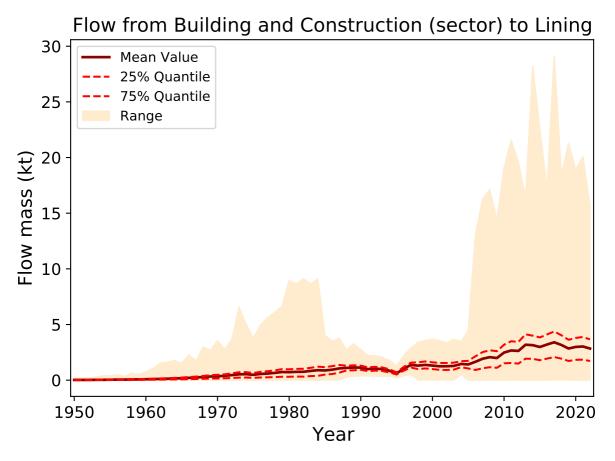


Flow from Building and Construction (sector) to Pipes and Du

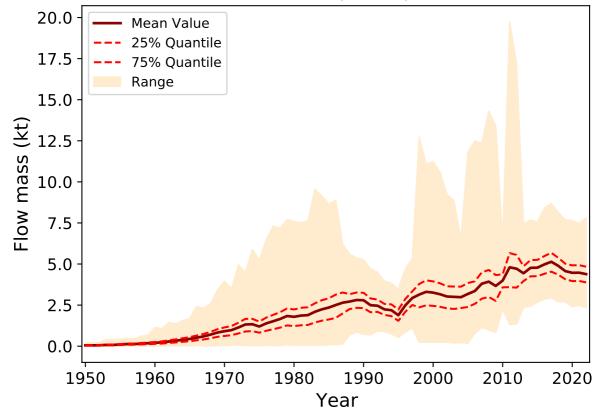


ow from Building and Construction (sector) to Wall and Floor Co Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) Year

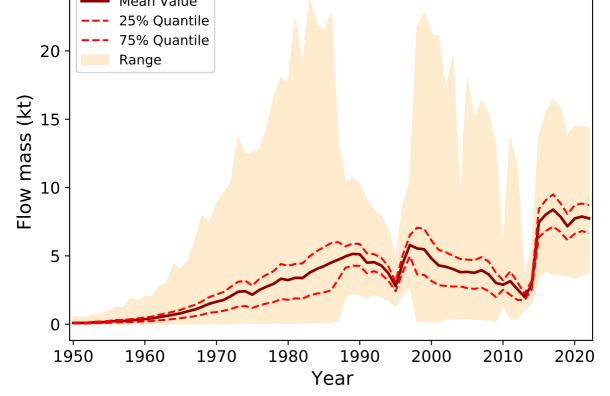
m Building and Construction (sector) to Windows, Profiles and Fi Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) Year



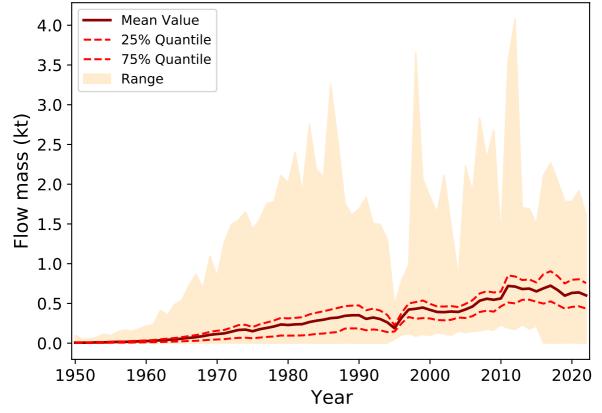
Flow from Automotive (sector) to Automotive



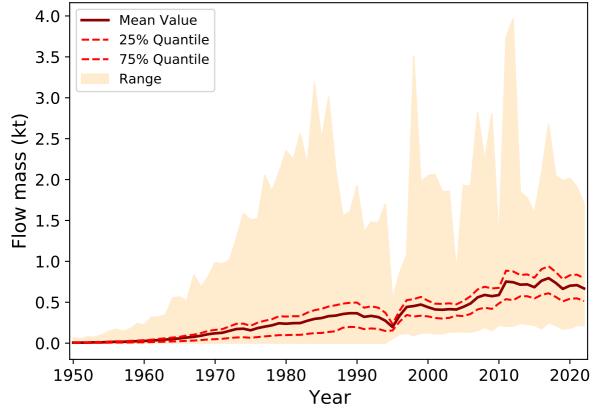
lectrical and Electronic Equipment (sector) to Electrical and Elec Mean Value 25% Quantile 75% Quantile 20 Range Flow mass (kt)



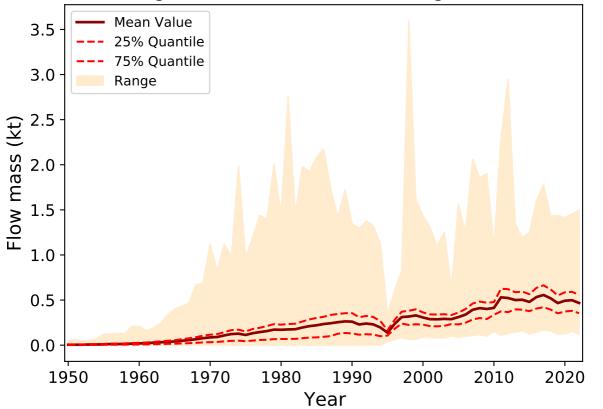
Flow from Agriculture (sector) to Agricultural Films



Flow from Agriculture (sector) to Agricultural Pipes

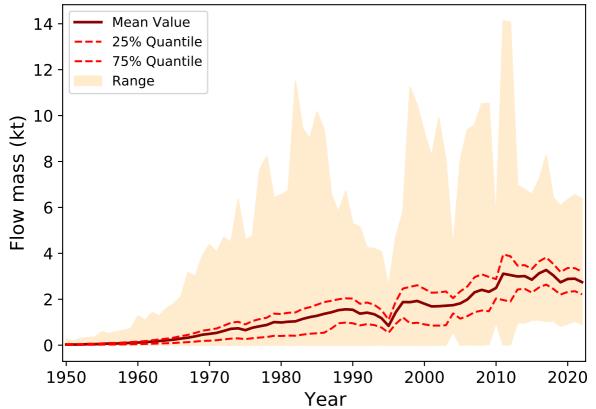


Flow from Agriculture (sector) to Other Agricultural Plastics

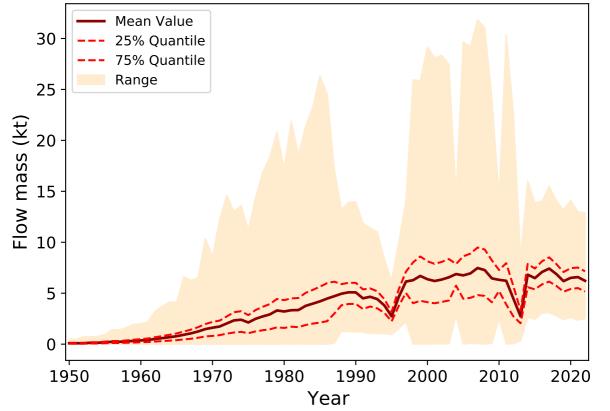


Flow from Other Plastic Products (sector) to Household Plastic Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) Year

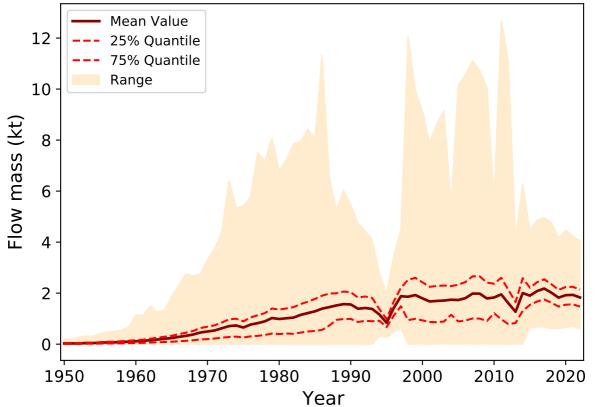
Flow from Other Plastic Products (sector) to Furniture



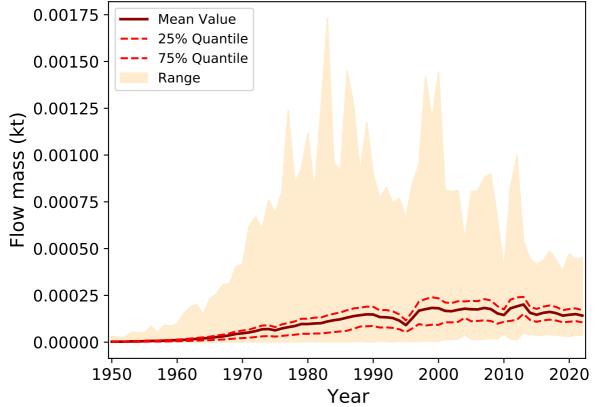
Flow from Other Plastic Products (sector) to Other Plastic Prod



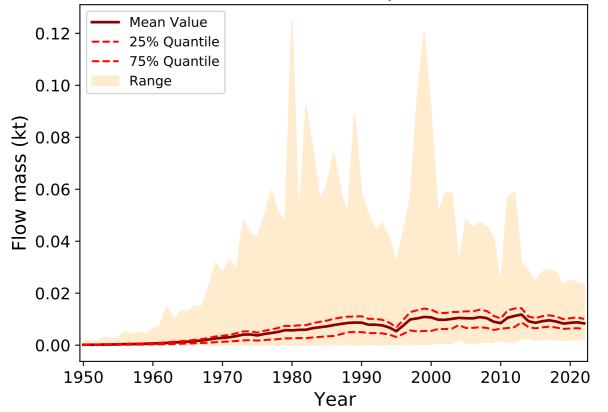
Flow from Other Plastic Products (sector) to Fabric Coatings



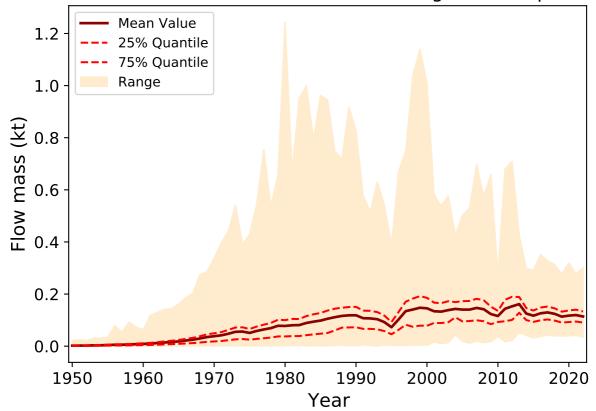
Flow from Consumer Films to Compost collection (1mm



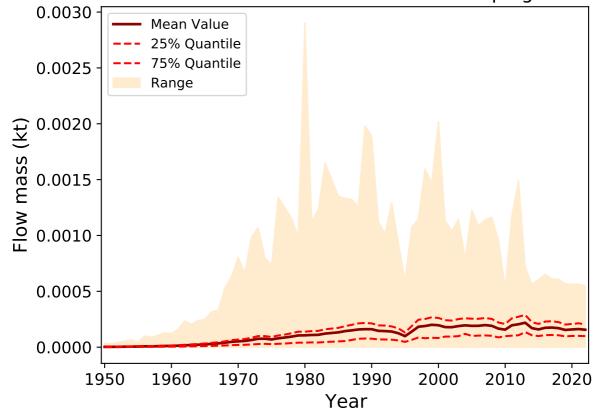
Flow from Consumer Films to Compost collection (1mm+



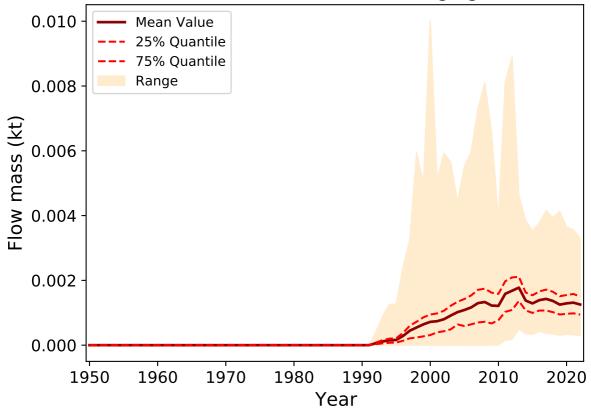
Flow from Consumer Films to On-the-go consumption



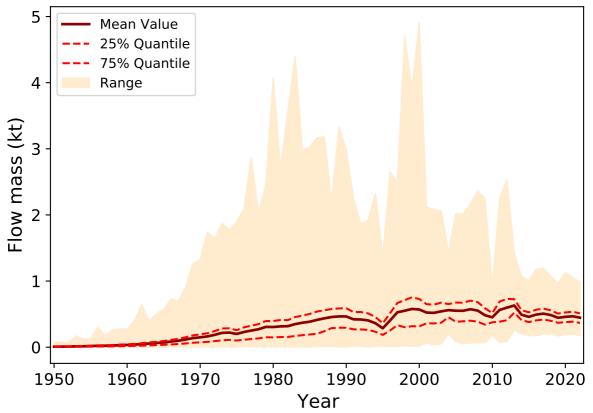




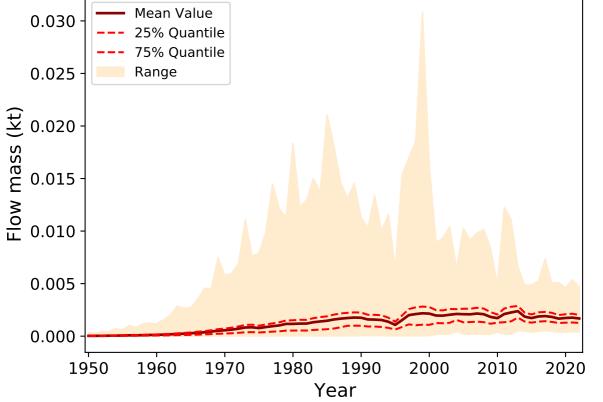
Flow from Consumer Films to Packaging Collection

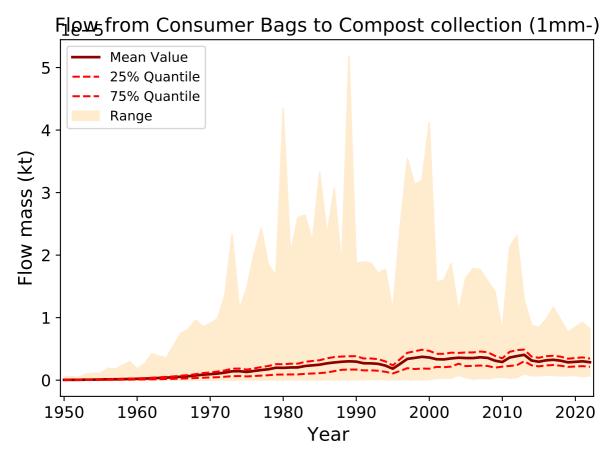


Flow from Consumer Films to Mixed Waste Collection



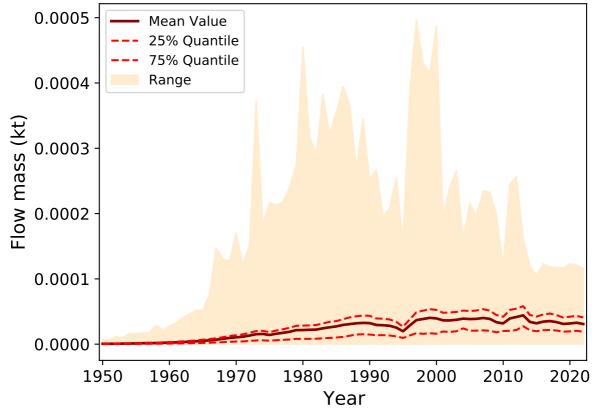
Flow from Consumer Bags to Compost collection (1mm+ Mean Value 25% Quantile 75% Quantile Range

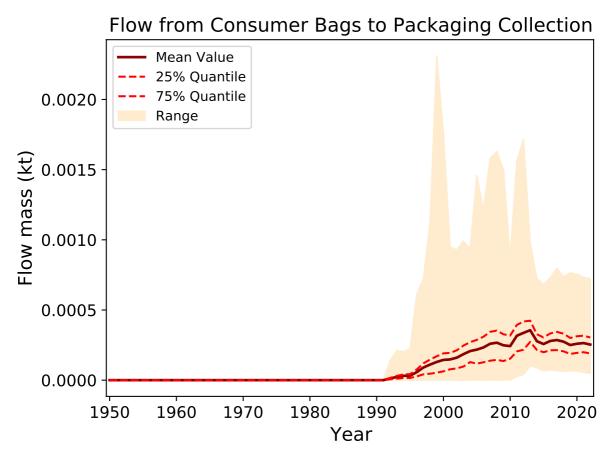




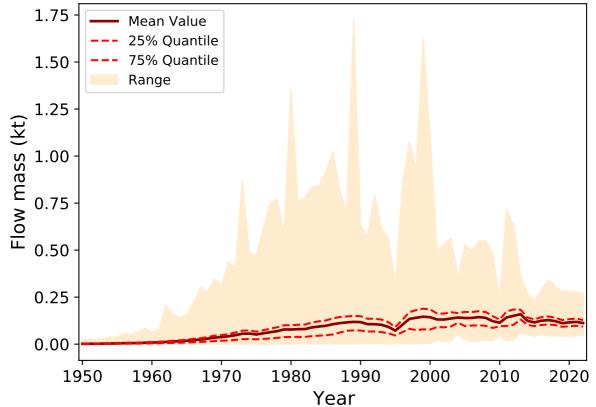
Flow from Consumer Bags to On-the-go consumption Mean Value 25% Quantile 0.04 75% Quantile Range 0.02 Flow mass (kt) 0.00 -0.02-0.041950 1960 1970 1980 1990 2000 2010 2020 Year

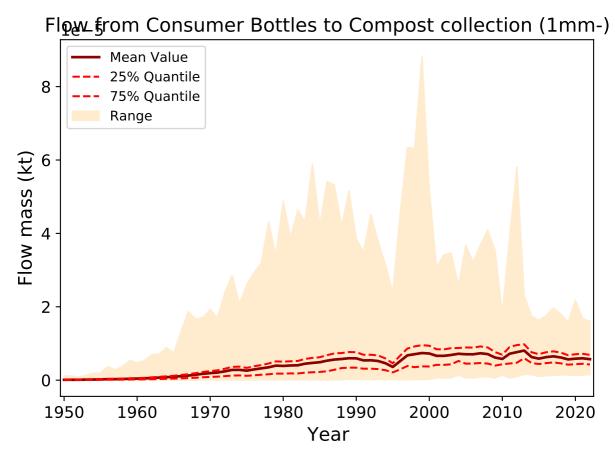






Flow from Consumer Bags to Mixed Waste Collection





Flow from Consumer Bottles to Compost collection (1mm+ Mean Value 0.05 25% Quantile 75% Quantile Range 0.04 0.03 0.02 0.01 0.00

Flow mass (kt)

1950

1960

1970

1980

1990

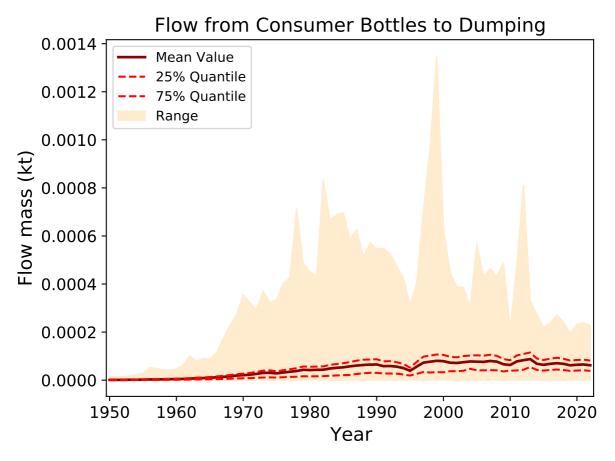
Year

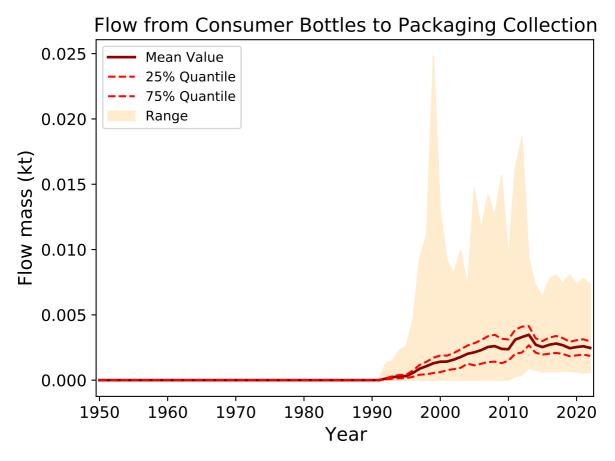
2000

2010

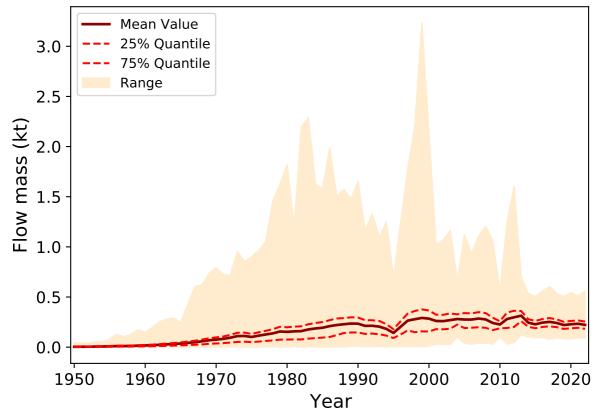
2020

Flow from Consumer Bottles to On-the-go consumption Mean Value 25% Quantile 0.04 75% Quantile Range 0.02 Flow mass (kt) 0.00 -0.02-0.041950 1960 1970 1980 1990 2000 2010 2020 Year





Flow from Consumer Bottles to Mixed Waste Collection



Flow from Other Consumer Packaging to Compost collection (1 Mean Value 0.30 25% Quantile 75% Quantile 0.25 Range <u>북</u> 0.20 Flow mass 0.15 0.10 0.05 0.00

1980

1990

Year

2000

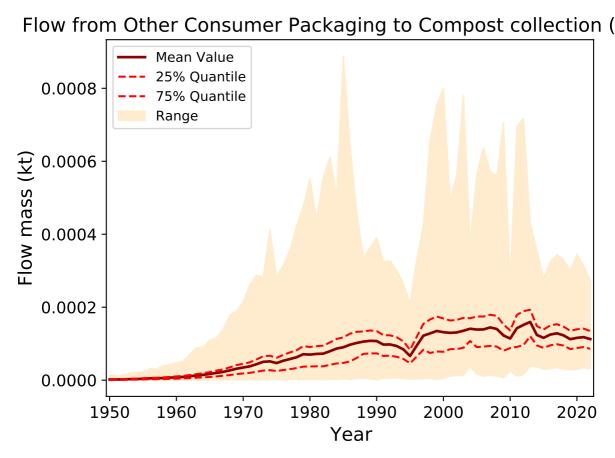
2010

2020

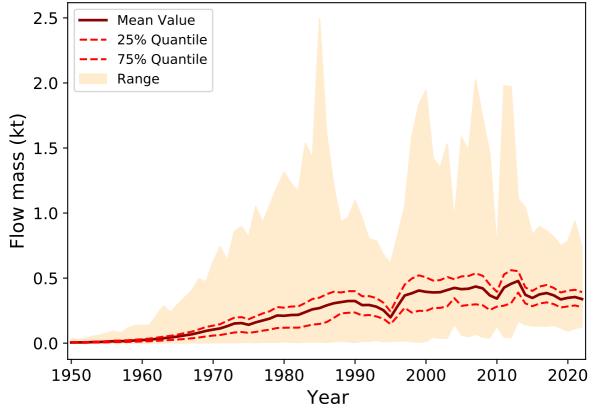
1950

1960

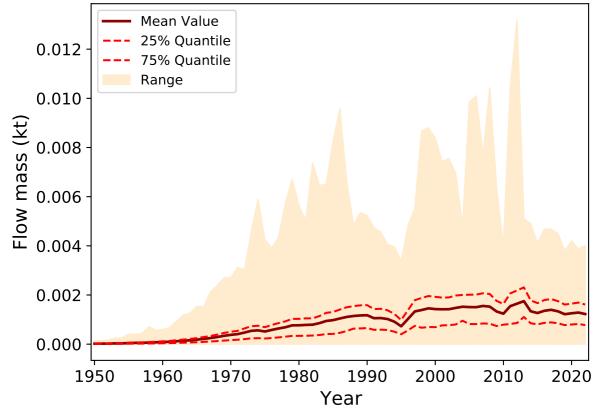
1970



Flow from Other Consumer Packaging to On-the-go consumpt



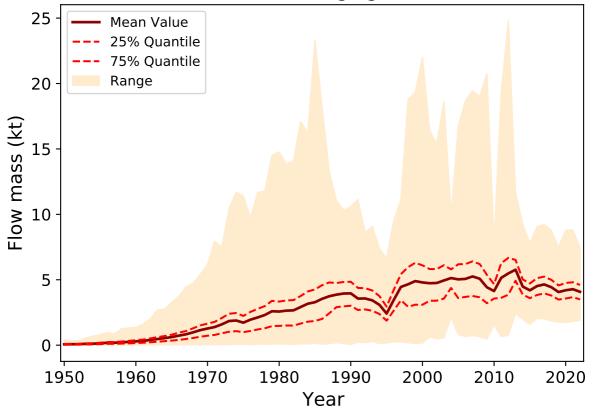
Flow from Other Consumer Packaging to Dumping



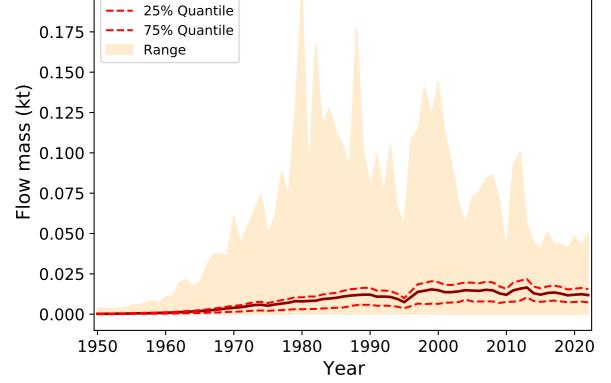
Flow from Other Consumer Packaging to Packaging Collecti Mean Value 0.35 25% Quantile 75% Quantile 0.30 Range 0.25 Flow mass 0.20 0.15 0.10 0.05 0.00 1950 1960 1970 1980 1990 2000 2010 2020

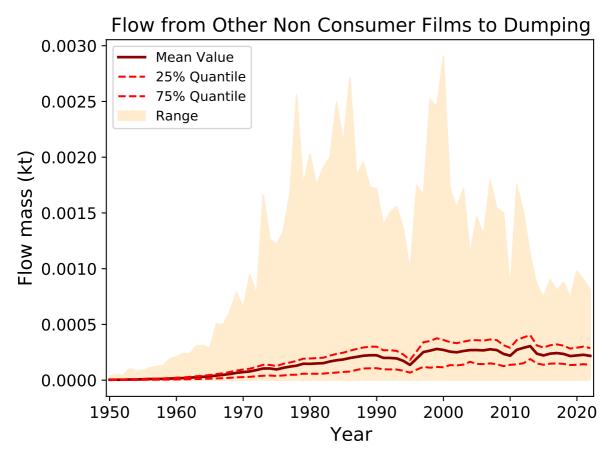
Year

Flow from Other Consumer Packaging to Mixed Waste Collect

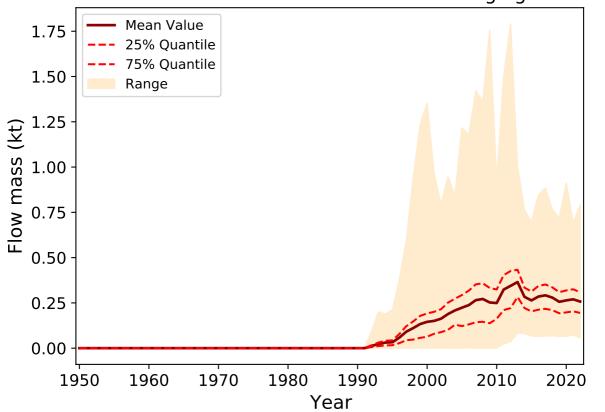


low from Other Non Consumer Films to Litter in residential envir 0.200 Mean Value 25% Quantile 75% Quantile 0.175 Range 0.150 0.125

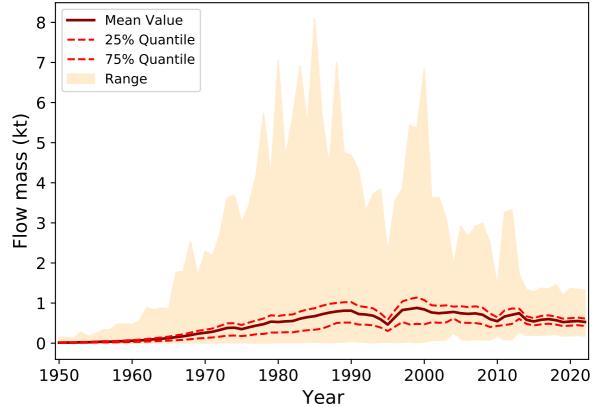




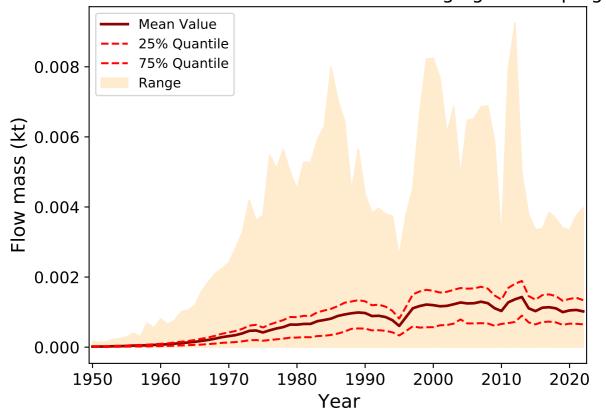
Flow from Other Non Consumer Films to Packaging Collecti



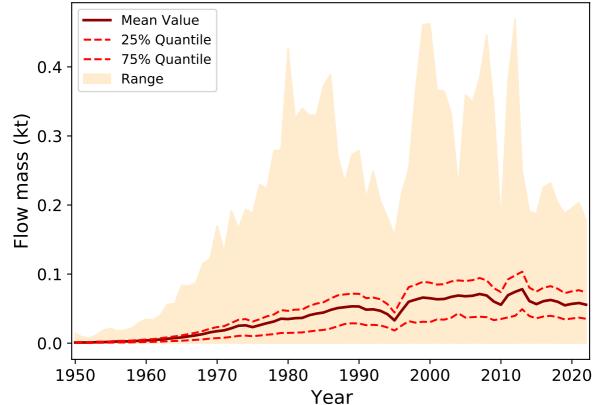
Flow from Other Non Consumer Films to Mixed Waste Collecti



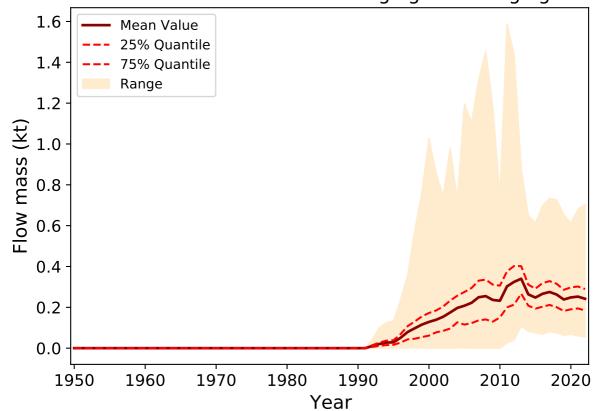
Flow from Other Non Consumer Packaging to Dumping



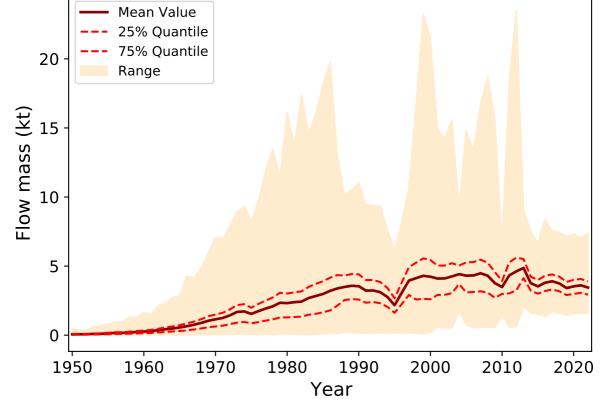
from Other Non Consumer Packaging to Litter in residential env



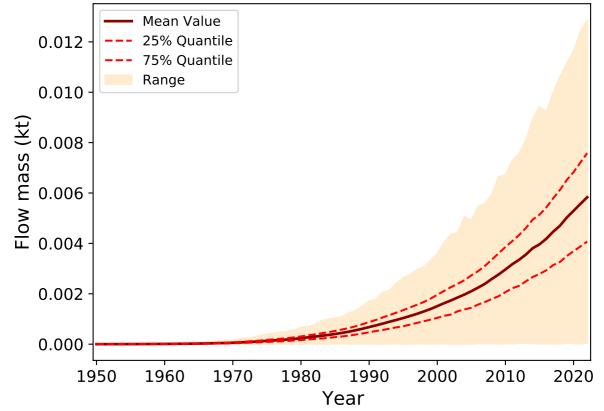
Flow from Other Non Consumer Packaging to Packaging Collect



Flow from Other Non Consumer Packaging to Mixed Waste Colle



Flow from Pipes and Ducts to Sub-surface (micro)

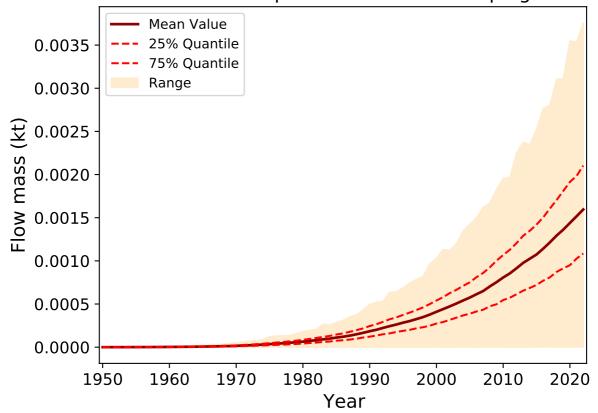


Flow from Pipes and Ducts to Residential Soil (micro) Mean Value 0.012 25% Quantile 75% Quantile Range 0.010 ₹ 0.008 Flow mass 0.006 0.004 0.002 0.000 1950 1960 1970 1980 1990 2000 2010 2020

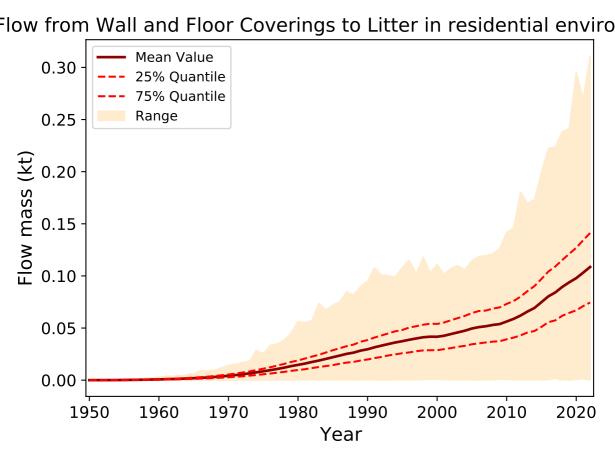
Year

Flow from Pipes and Ducts to Litter in residential environme Mean Value 0.14 25% Quantile 75% Quantile 0.12 Range 0.10 Flow mass 0.08 0.06 0.04 0.02 0.00 1950 1960 1970 1980 1990 2000 2010 2020 Year

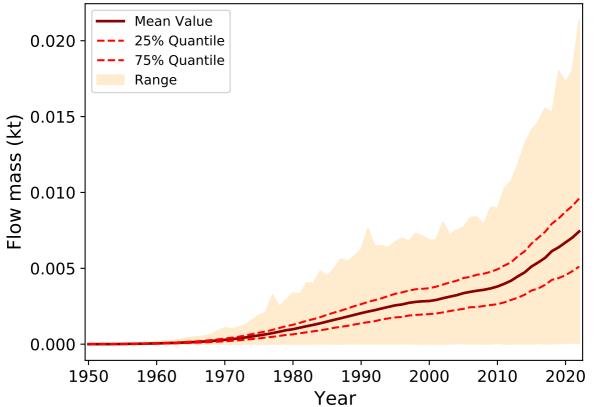
Flow from Pipes and Ducts to Dumping



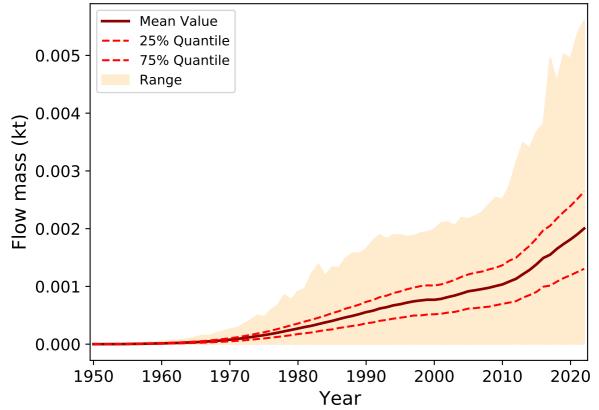
v from Pipes and Ducts to Construction and Demolition Waste Co Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) Year

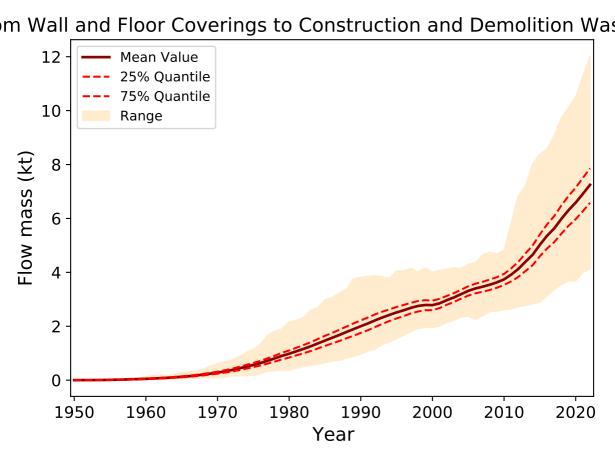


Flow from Wall and Floor Coverings to Indoor air (micro)



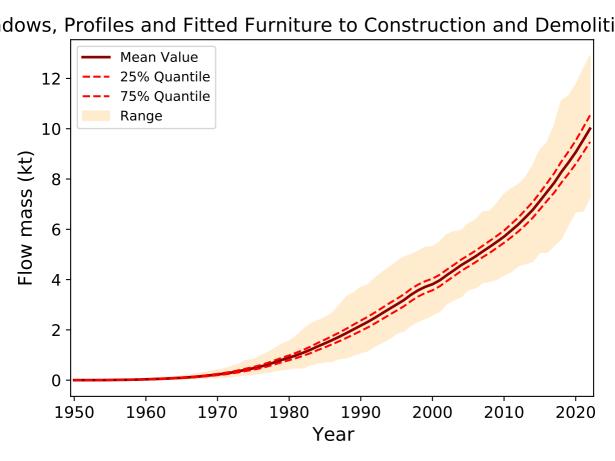
Flow from Wall and Floor Coverings to Dumping



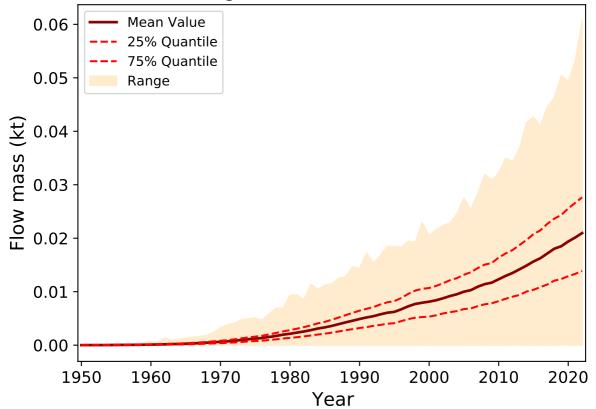


om Windows, Profiles and Fitted Furniture to Litter in residential Mean Value 0.25 25% Quantile 75% Quantile Range 0.20 Flow mass (kt) 0.15 0.10 0.05 0.00 1950 1960 1970 1980 1990 2000 2010 2020 Year

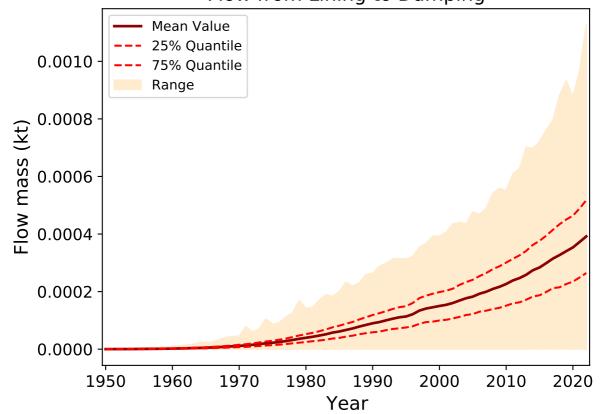
Flow from Windows, Profiles and Fitted Furniture to Dumpi 0.007 Mean Value 25% Quantile 0.006 75% Quantile Range 0.005 Flow mass (kt) 0.004 0.003 0.002 0.001 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year



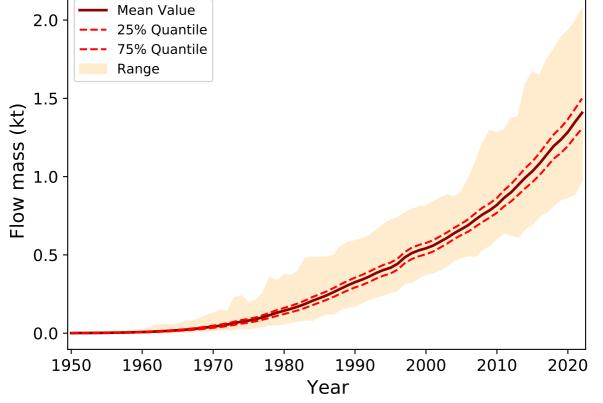
Flow from Lining to Litter in residential environments

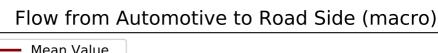


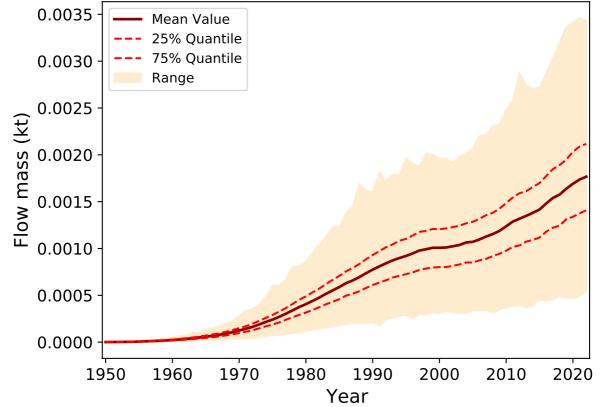
Flow from Lining to Dumping



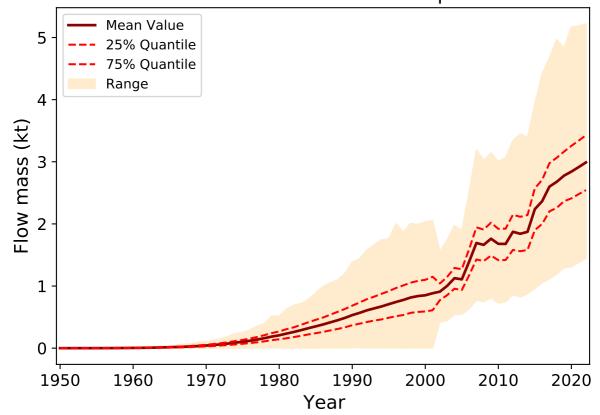
Flow from Lining to Construction and Demolition Waste Collec Mean Value 2.0 25% Quantile 75% Quantile Range 1.5 Flow mass (kt) 1.0 0.5



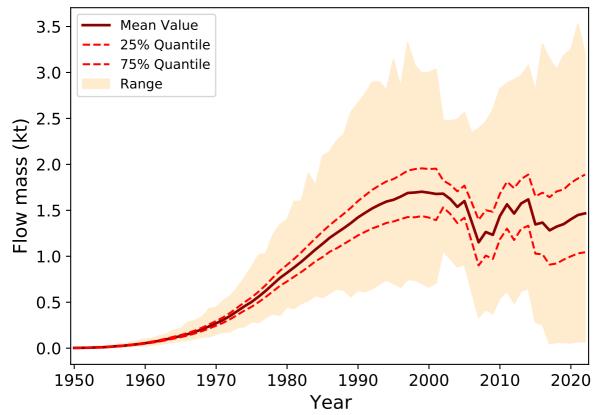




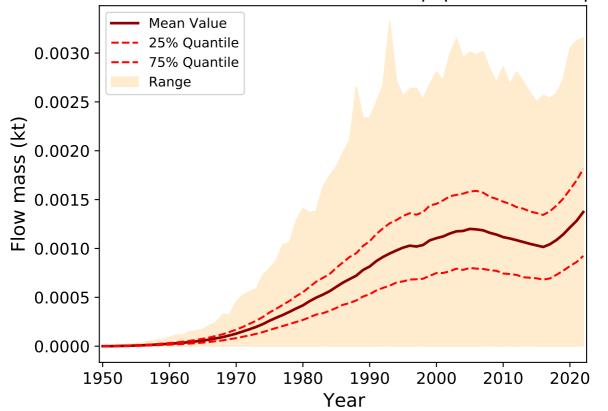
Flow from Automotive to Export



Flow from Automotive to End-Of-Life Vehicle Collection



Flow from Electrical and Electronic Equipment to Dumpir

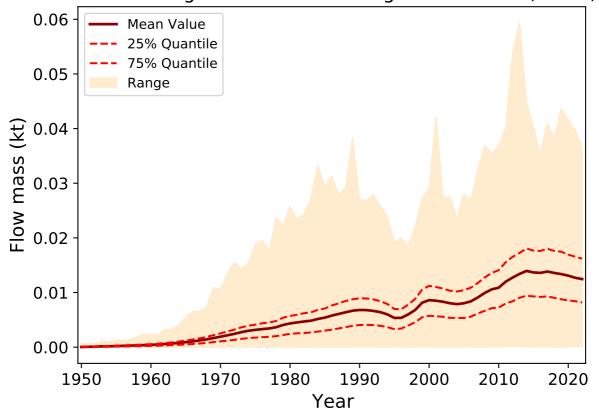


Flow from Electrical and Electronic Equipment to Export 5 -Mean Value 25% Quantile 75% Quantile 4 Range Flow mass (kt) 1 0 1950 1960 1970 1980 1990 2000 2010 2020 Year

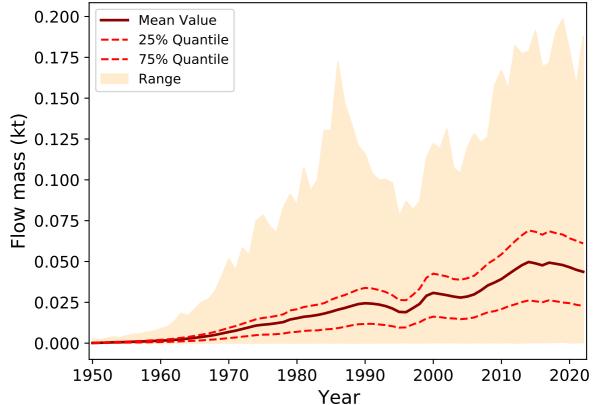
low from Electrical and Electronic Equipment to Mixed Waste Co Mean Value 2.5 25% Quantile 75% Quantile Range 2.0 Flow mass (kt) 1.5 1.0 0.5 0.0 2010 1950 1960 1970 1980 1990 2000 2020 Year

ical and Electronic Equipment to Electrical and Electronic Equim Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) Year

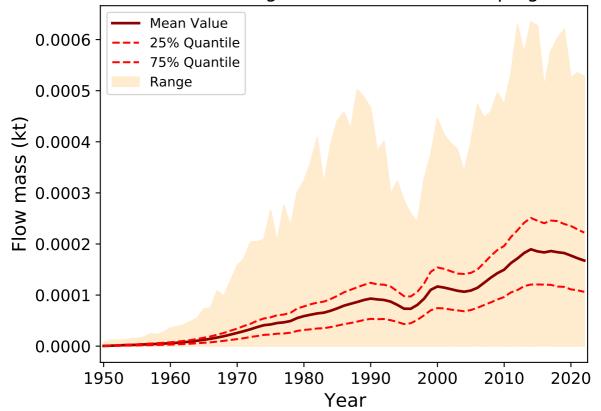
Flow from Agricultural Films to Agricultural Soil (micro)



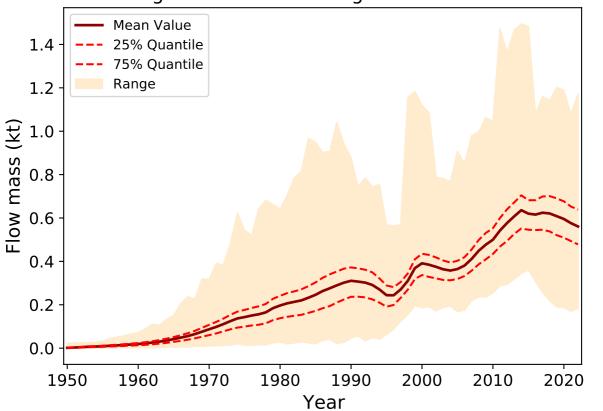
Flow from Agricultural Films to Agricultural Soil (macro)



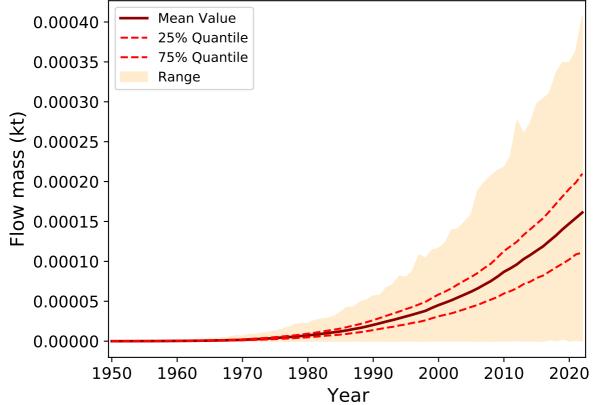




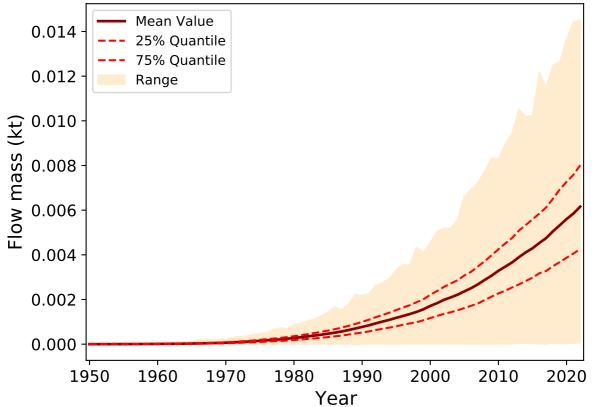
Flow from Agricultural Films to Agriculture Waste Collection



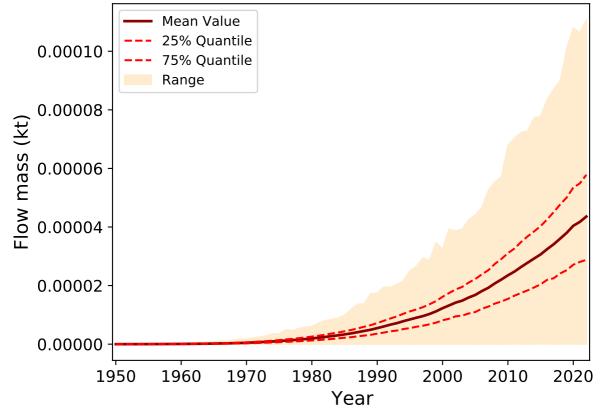
Flow from Agricultural Pipes to Agricultural Soil (micro



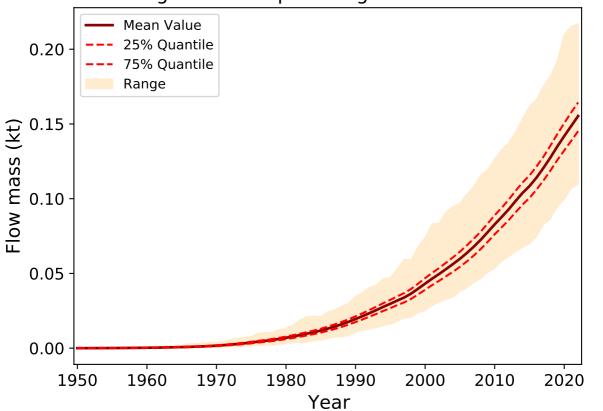
Flow from Agricultural Pipes to Agricultural Soil (macro)



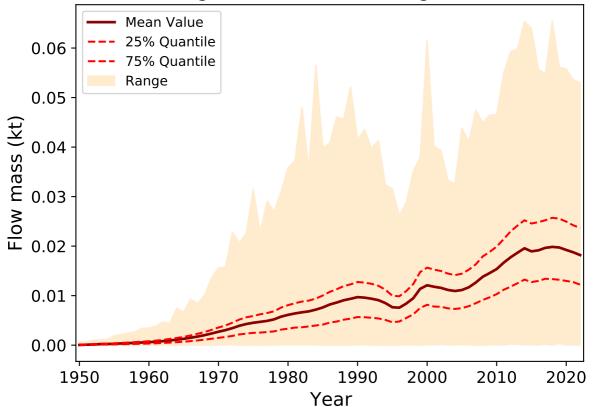
Flow from Agricultural Pipes to Dumping



Flow from Agricultural Pipes to Agriculture Waste Collection

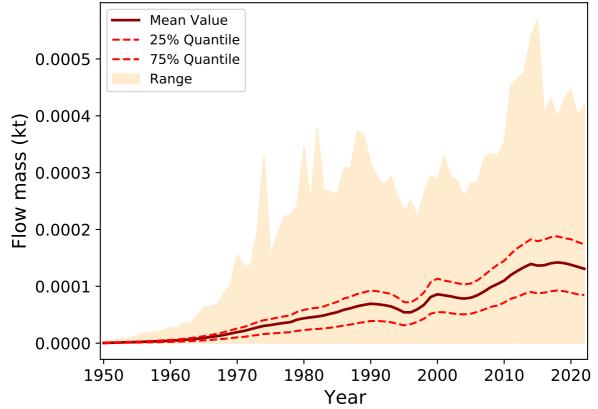


Flow from Other Agricultural Plastics to Agricultural Soil (made

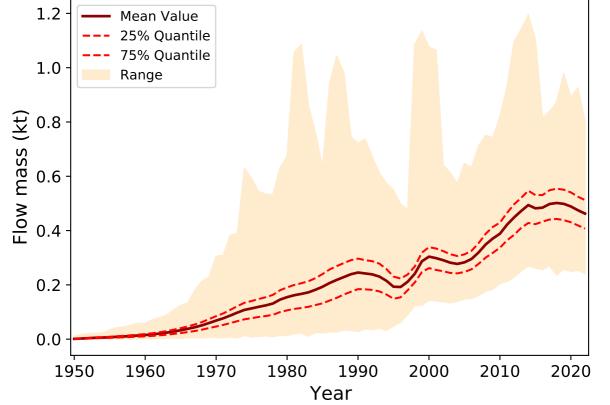


Flow from Other Agricultural Plastics to Agricultural Soil (m Mean Value 0.00175 25% Quantile 75% Quantile 0.00150 Range 0.00125 -Flow mass 0.00100 0.000750.00050 0.00025 0.00000 1950 1960 1970 1980 1990 2000 2010 2020 Year

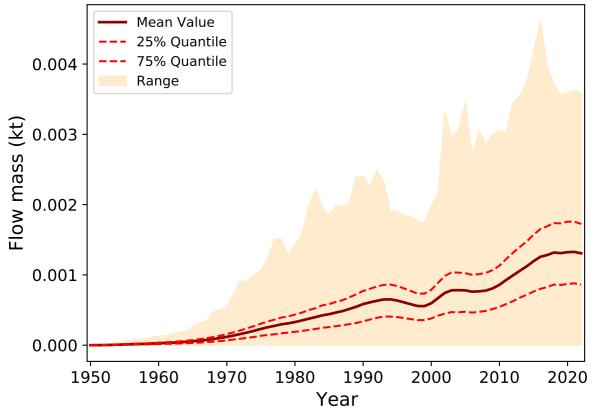




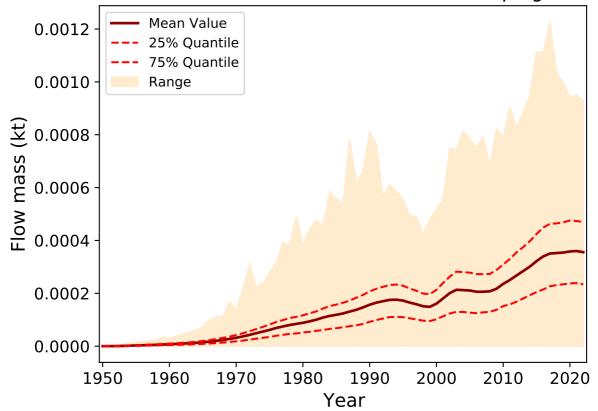
Flow from Other Agricultural Plastics to Agriculture Waste Colle



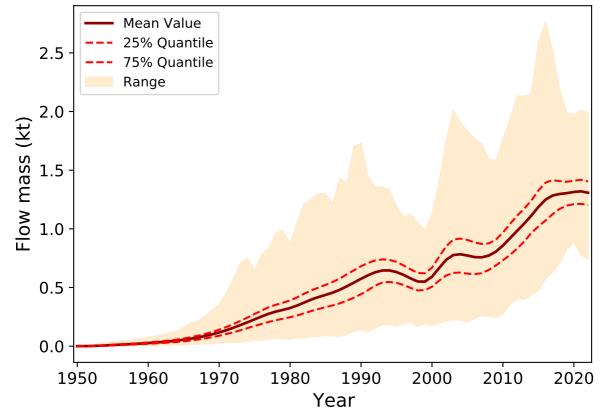
Flow from Household Plastics to Indoor air (micro)



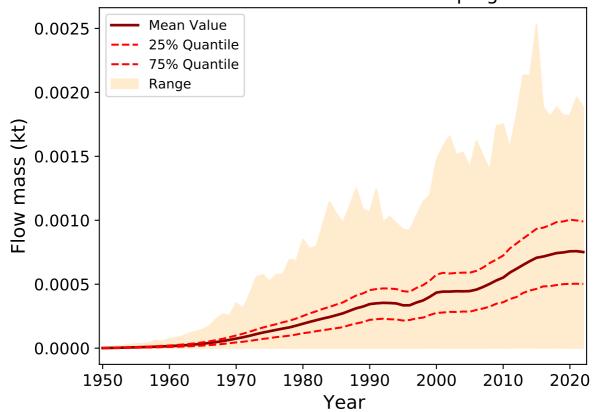




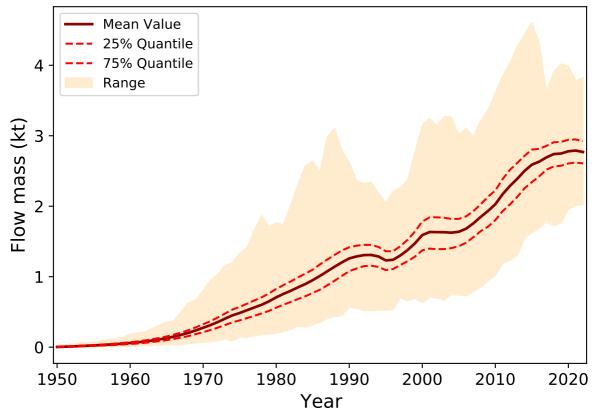
Flow from Household Plastics to Mixed Waste Collection



Flow from Furniture to Dumping

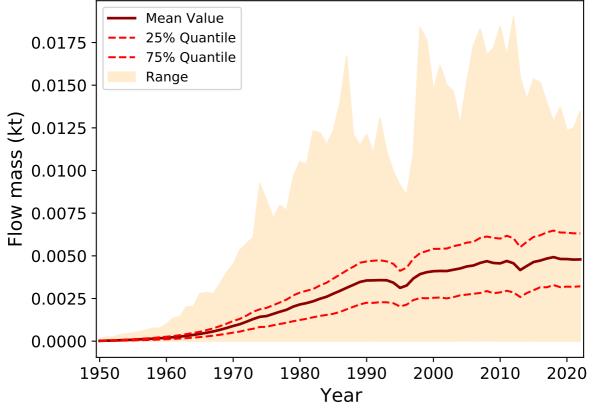


Flow from Furniture to Mixed Waste Collection

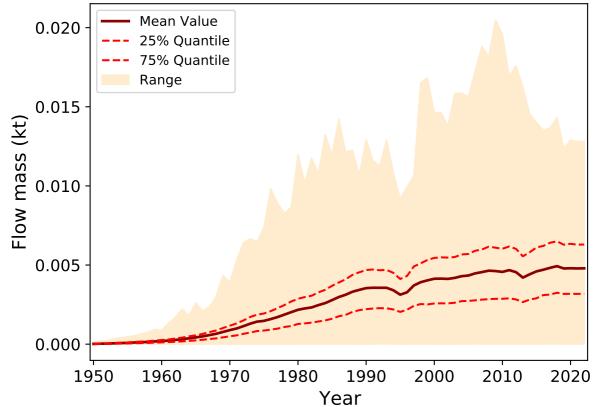


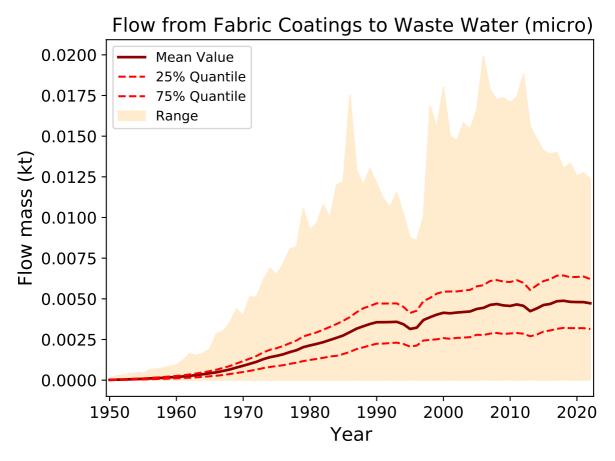
Flow from Fabric Coatings to Residential Soil (micro) Mean Value 0.0175 25% Quantile 75% Quantile 0.0150 Range 0.0125 Flow mass 0.0100 0.0075 0.0050 0.0025 0.0000 1950 1960 1970 1980 1990 2000 2010 2020 Year



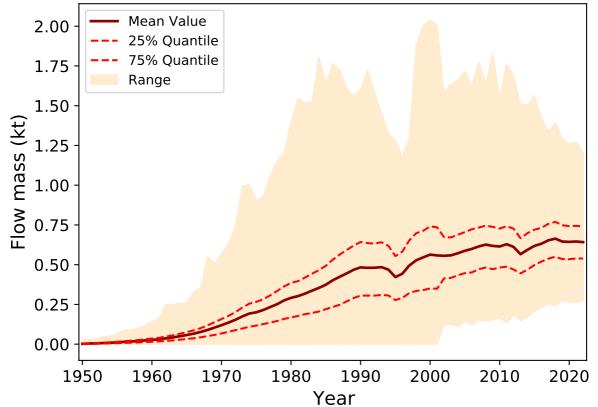




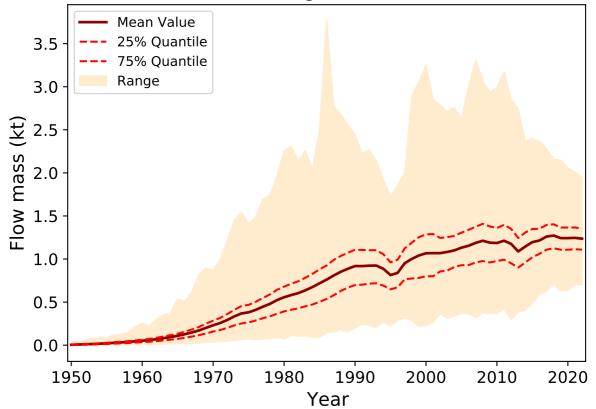




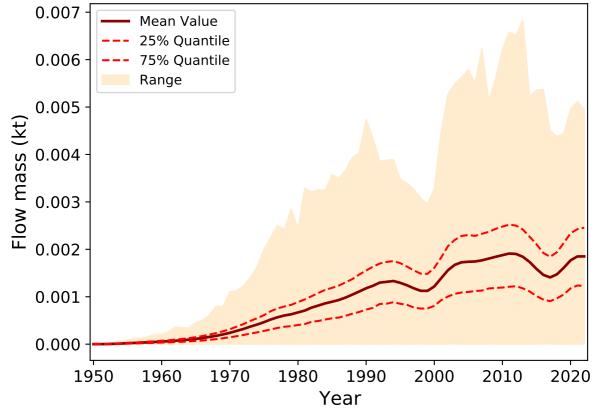
Flow from Fabric Coatings to Textile Waste Collection



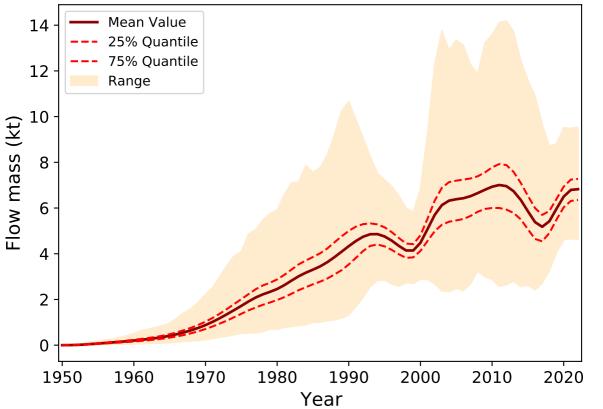
Flow from Fabric Coatings to Mixed Waste Collection



Flow from Other Plastic Products to Dumping



Flow from Other Plastic Products to Mixed Waste Collection



Flow from On-the-go consumption to On-the-go consumption (n Mean Value 25% Quantile 8.0 75% Quantile Range 0.6Flow mass (kt) 0.4 0.2 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

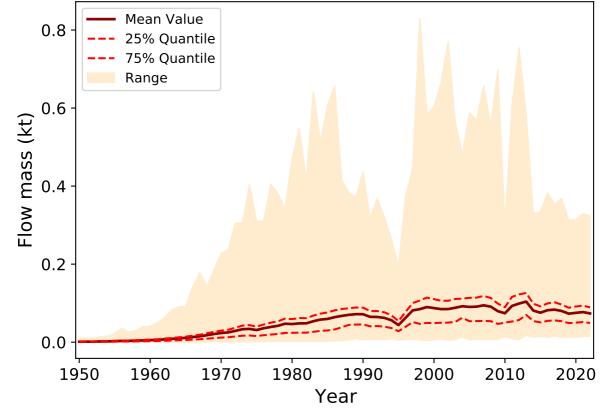
low from On-the-go consumption to On-the-go consumption (tra Mean Value 1.2 25% Quantile 75% Quantile Range 1.0 Flow mass (kt) 0.2 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

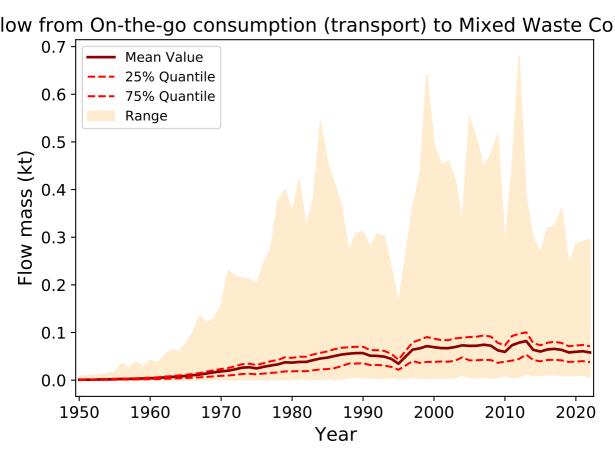
ow from On-the-go consumption to On-the-go consumption (res Mean Value 1.75 25% Quantile 75% Quantile 1.50 Range 1.25 Flow mass (kt) 1.00 0.75 0.50 0.25 0.00 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from On-the-go consumption (nature) to Mixed Waste Colle Mean Value 0.7 25% Quantile 75% Quantile 0.6 Range 0.5 Flow mass (kt) 0.4 0.3 0.2 0.1 0.0 2010 1950 1960 1970 1980 1990 2000 2020 Year

w from On-the-go consumption (nature) to Litter in natural envi 0.16 Mean Value 25% Quantile 0.14 75% Quantile Range 0.12 ₹ 0.10 Flow mass 0.08 0.06 0.04 0.02 0.00 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from On-the-go consumption (transport) to Litter on road

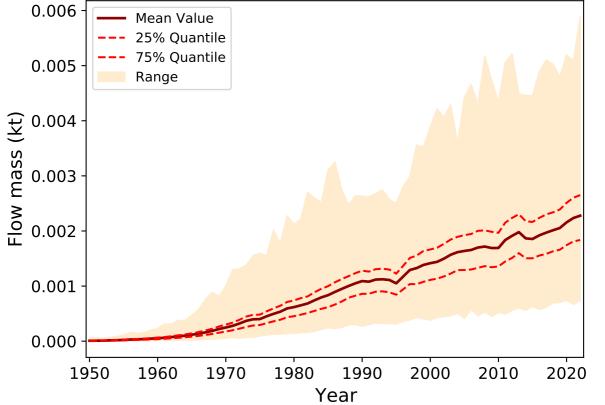




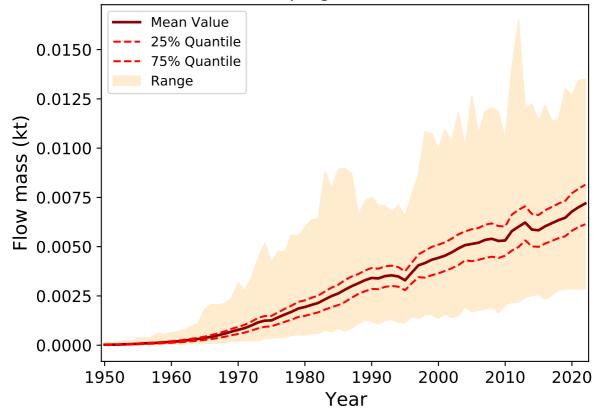
om On-the-go consumption (residential) to Litter in residential e Mean Value 25% Quantile 8.0 75% Quantile Range 0.6 Flow mass (kt) 0.4 0.2 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

ow from On-the-go consumption (residential) to Mixed Waste Co Mean Value 25% Quantile 1.0 75% Quantile Range 8.0 Flow mass (kt) 0.6 0.4 0.2 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

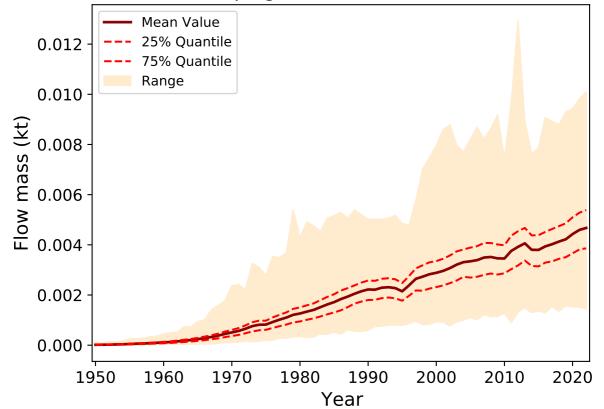
Flow from Dumping to Litter in residential environments



Flow from Dumping to Litter on road sides

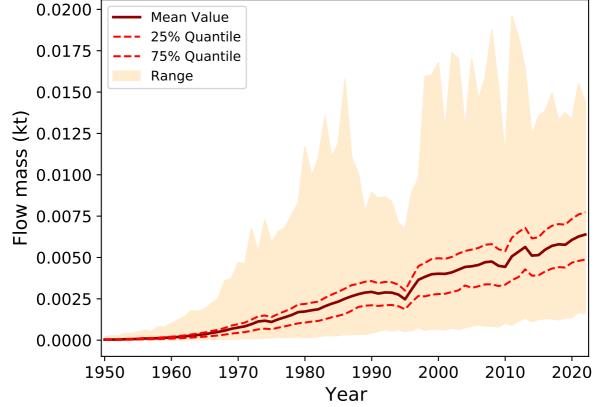


Flow from Dumping to Litter in natural environments

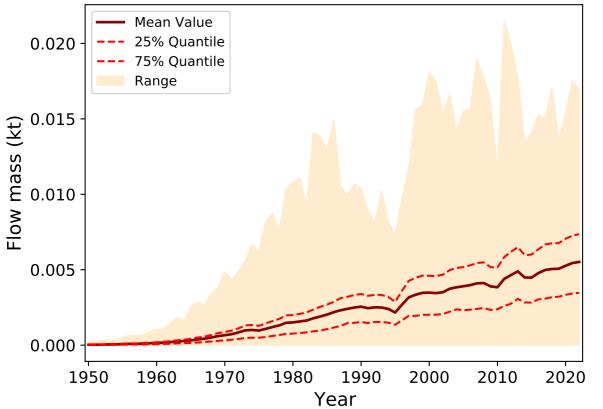


Flow from Litter in residential environments to Mixed Waste Coll 1.4 -Mean Value 25% Quantile 1.2 75% Quantile Range 1.0 Flow mass (kt) 8.0 0.6 0.4^{-1} 0.2 -0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Litter in residential environments to Residential Soil



Flow from Litter in residential environments to Storm Water (r



Flow from Litter in residential environments to Surface Water Mean Value 0.00175 25% Quantile 75% Quantile 0.00150 Range 0.00125Flow mass 0.00100 0.000750.00050 0.00025 0.00000

1980

1990

Year

2000

2010

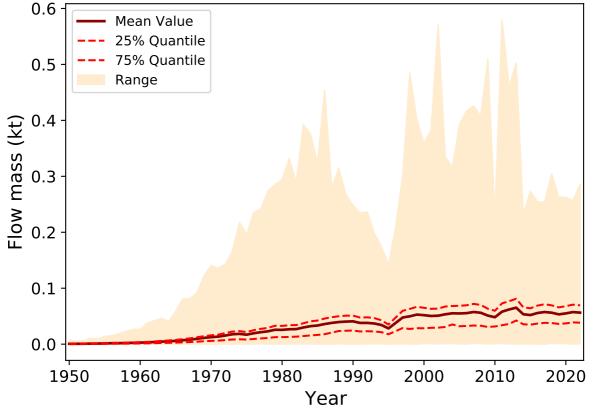
2020

1950

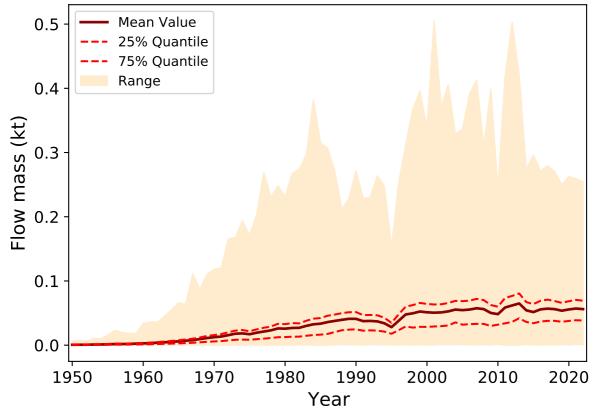
1960

1970

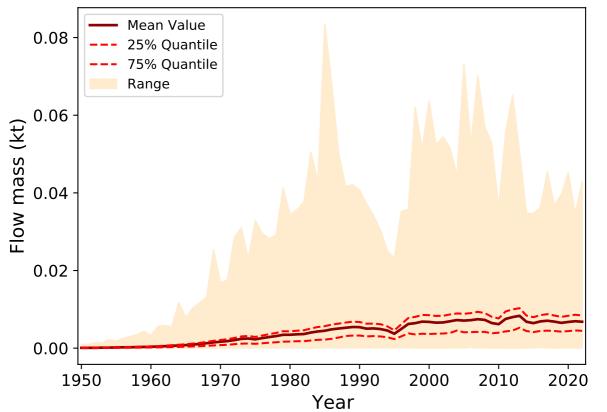
Flow from Litter on road sides to Mixed Waste Collection



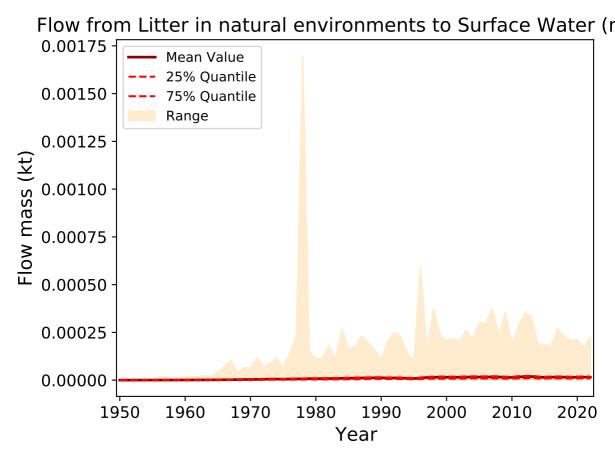
Flow from Litter on road sides to Road Side (macro)



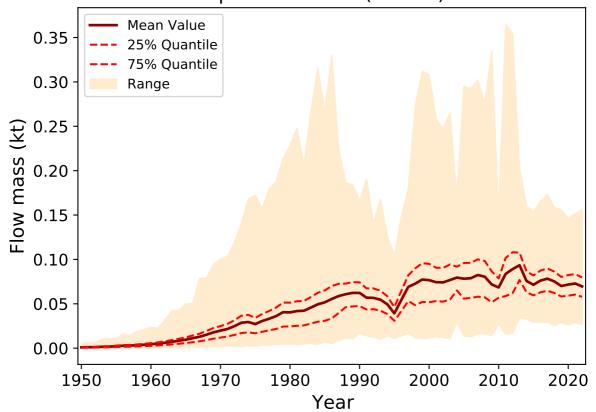
Flow from Litter in natural environments to Mixed Waste Colle



Flow from Litter in natural environments to Natural Soil (made 0.08 Mean Value 25% Quantile 0.07 75% Quantile Range 0.06 <u>북</u> 0.05 Flow mass 0.04 0.03 0.02 0.01 0.00 1950 1960 1970 1980 1990 2000 2010 2020 Year

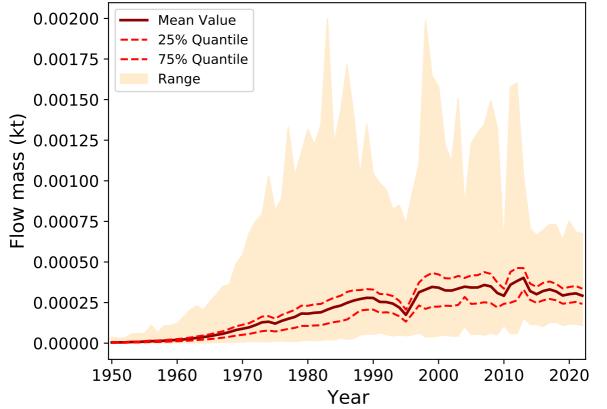


Flow from Compost collection (1mm+) to Incineration



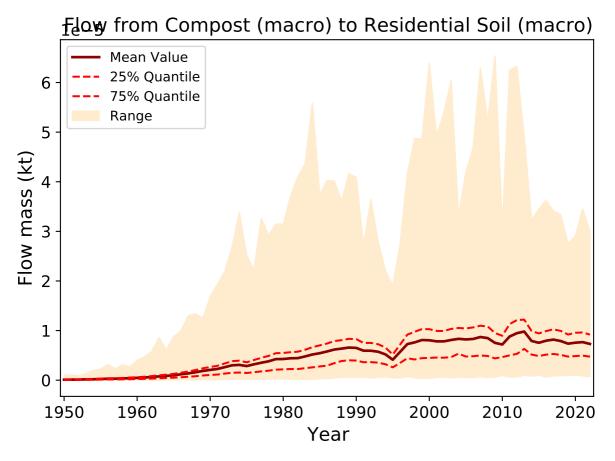
rom Compost collection (1mm+) to Compost size separation (fic Mean Value 0.0040 25% Quantile 75% Quantile 0.0035 Range 0.0030 Flow mass (kt) 0.0025 0.0020 0.0015 0.0010 0.0005 0.0000 1950 1960 1970 1980 2000 2010 2020 1990 Year

Flow from Compost collection (1mm-) to Compost (micr

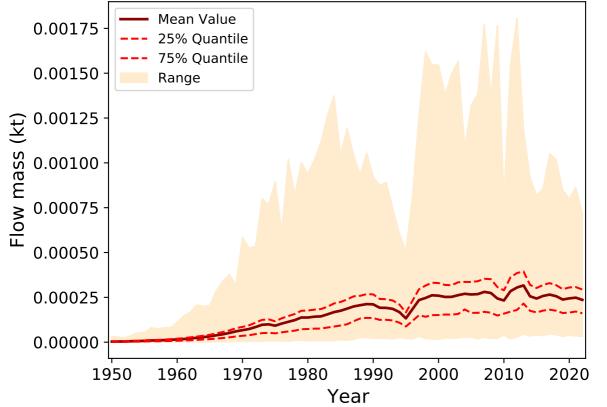


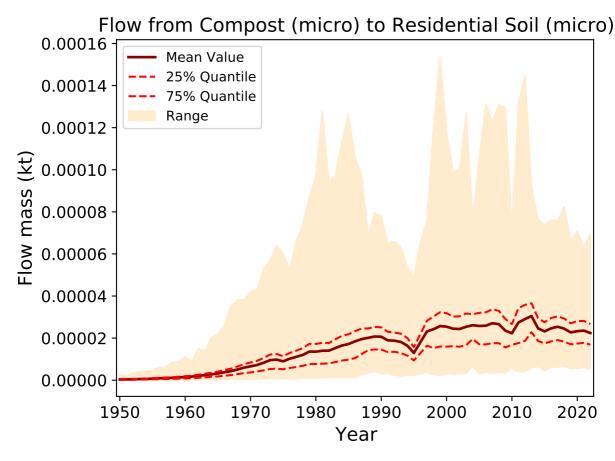
Flow from Compost size separation (fictional process) to Compo Mean Value 0.00175 25% Quantile 75% Quantile Range 0.00150 0.00125 Flow mass 0.00100 0.000750.00050 0.000250.00000 1950 1960 1970 1980 2000 2010 2020 1990 Year

Flow from Compost size separation (fictional process) to Compos Mean Value 25% Quantile 0.0030 75% Quantile Range 0.0025 Flow mass (kt) 0.0020 0.0015 0.0010 0.0005 0.0000 1950 1960 1970 1980 2000 2010 2020 1990 Year

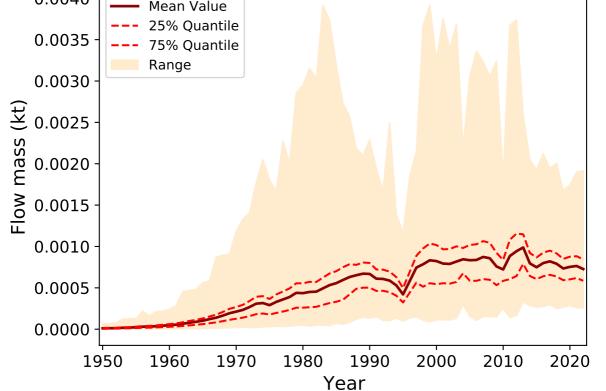


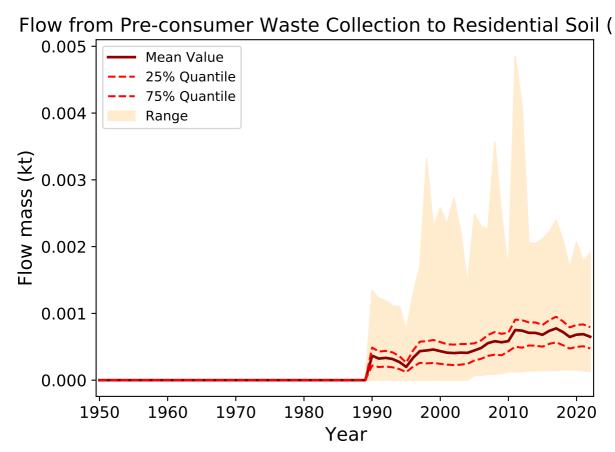
Flow from Compost (macro) to Agricultural Soil (macro





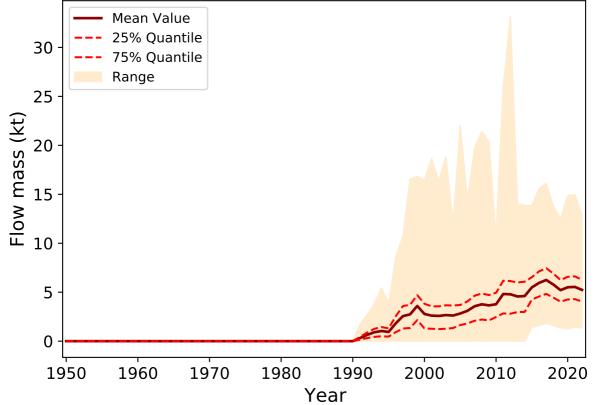
Flow from Compost (micro) to Agricultural Soil (micro) 0.0040 Mean Value 25% Quantile 0.0035 75% Quantile Range



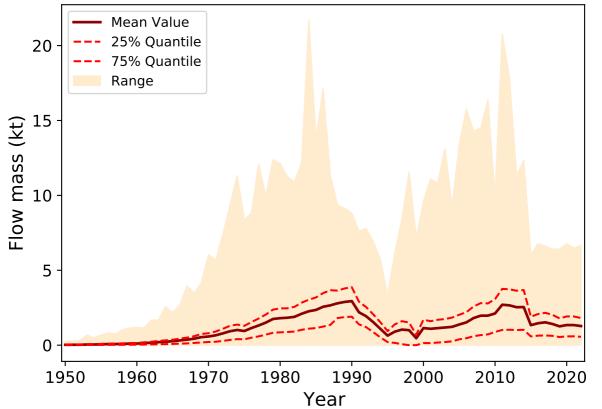


ow from Pre-gonsumer Waste Collection to Industrial Waste Wat 1.75 Mean Value 25% Quantile 75% Quantile 1.50 Range 1.25 Flow mass (kt) 1.00 0.75 0.50 0.25 0.00 1950 1960 1970 1980 1990 2000 2010 2020 Year

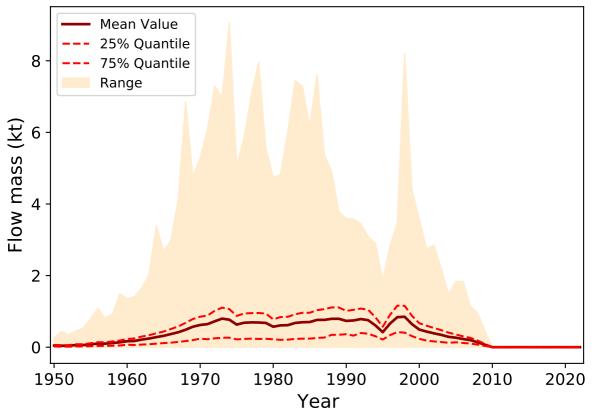
Flow from Pre-consumer Waste Collection to Material Reuse

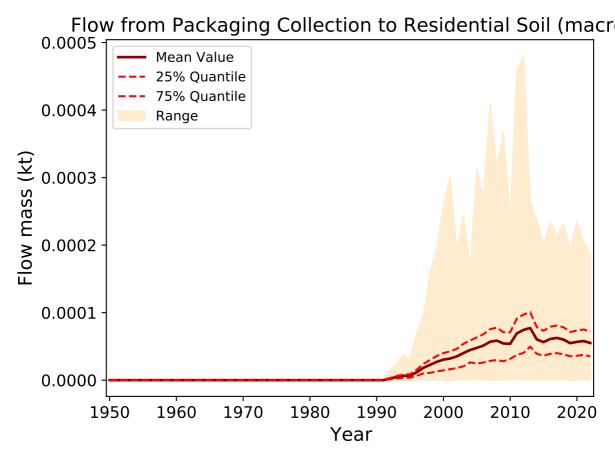


Flow from Pre-consumer Waste Collection to Incineration

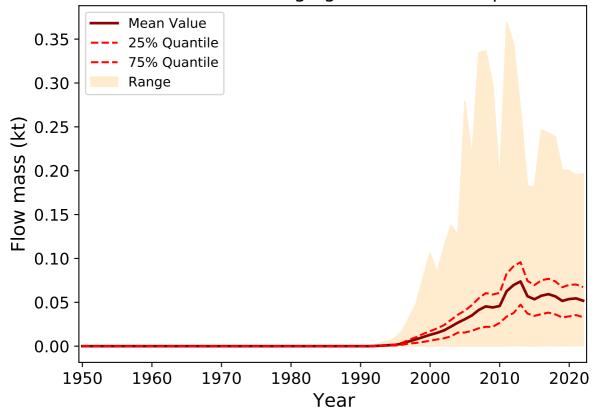


Flow from Pre-consumer Waste Collection to Landfill

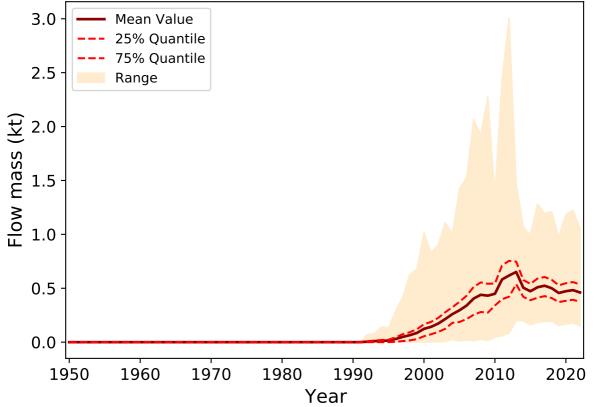


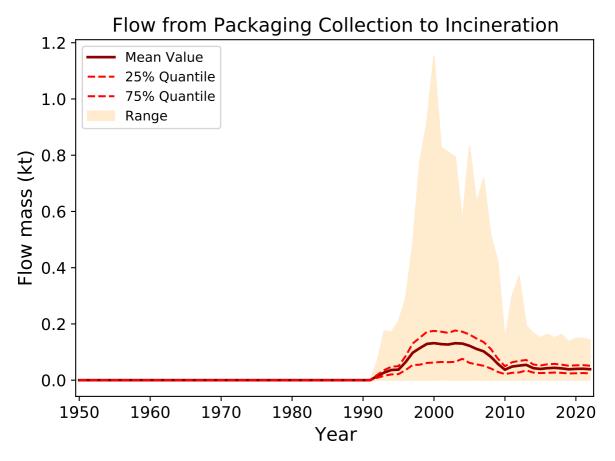


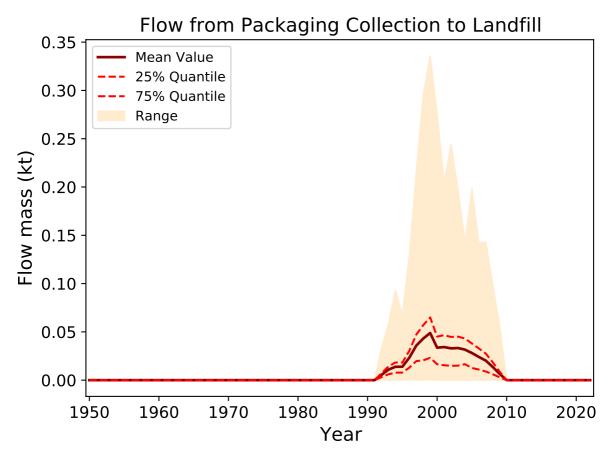
Flow from Packaging Collection to Export



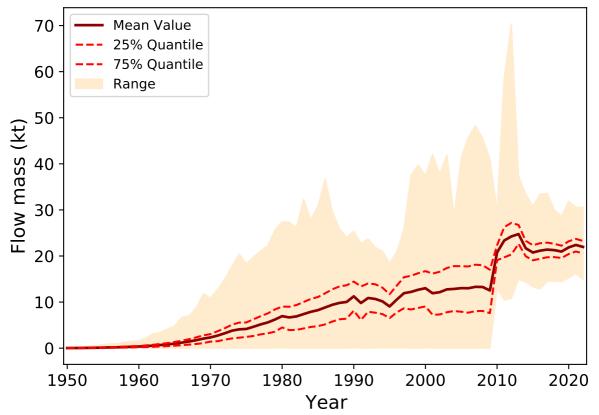
Flow from Packaging Collection to Packaging Recycling



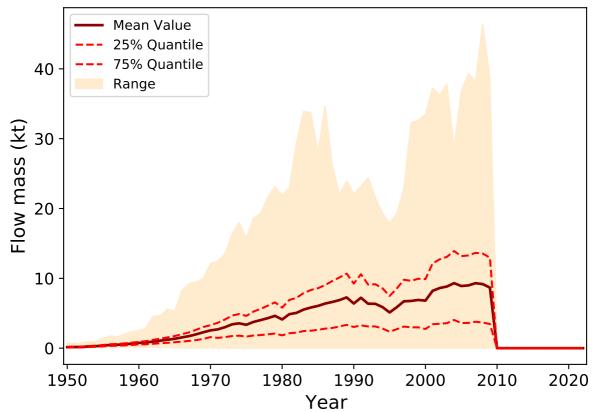




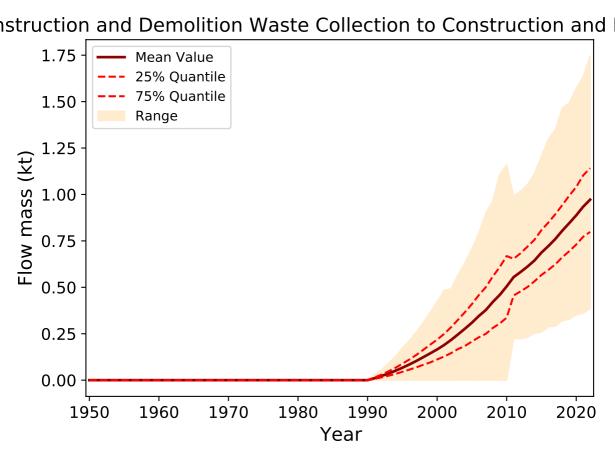
Flow from Mixed Waste Collection to Incineration

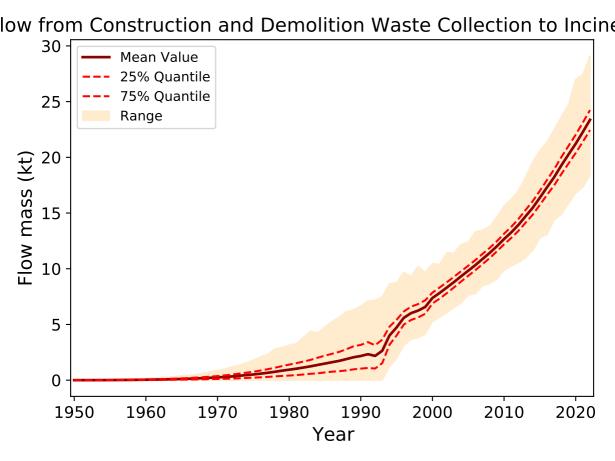


Flow from Mixed Waste Collection to Landfill



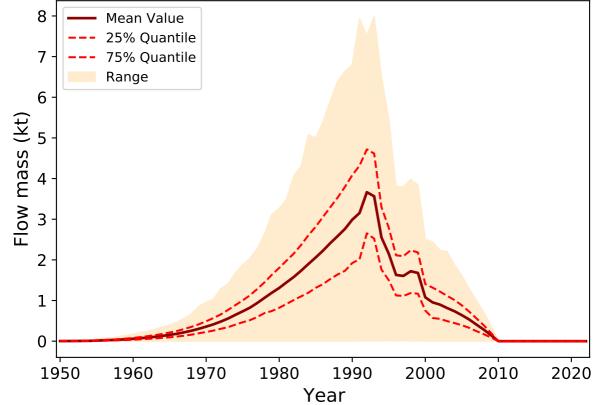
 \prime from Construction and Demolition Waste Collection to Litter on Mean Value 0.05 25% Quantile 75% Quantile Range 0.04 Flow mass (kt) 0.03 0.02 0.01 0.00 1950 1960 1970 1980 1990 2000 2010 2020 Year

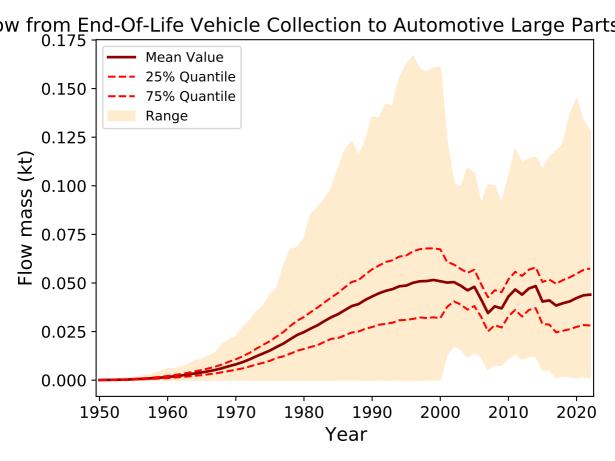




Flow from Construction and Demolition Waste Collection to Lan

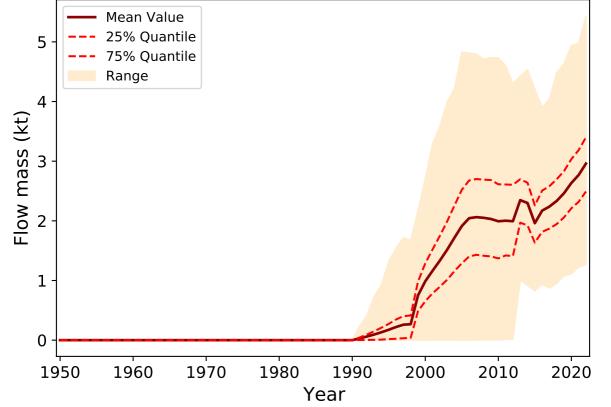
8 - Mean Value



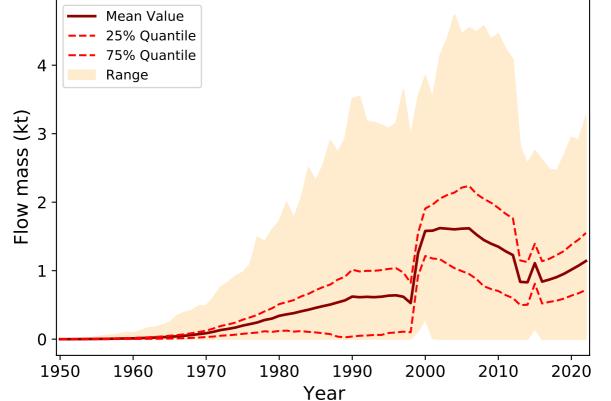


om End-Of-Life Vehicle Collection to Automotive Shredder Resid 3.5 -Mean Value 25% Quantile 3.0 75% Quantile Range 2.5 Flow mass (kt) 2.0 1.5 1.0 0.5 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

Electronic Equiment Waste Collection to Waste of Electrical and



from Electrical and Electronic Equiment Waste Collection to Inc

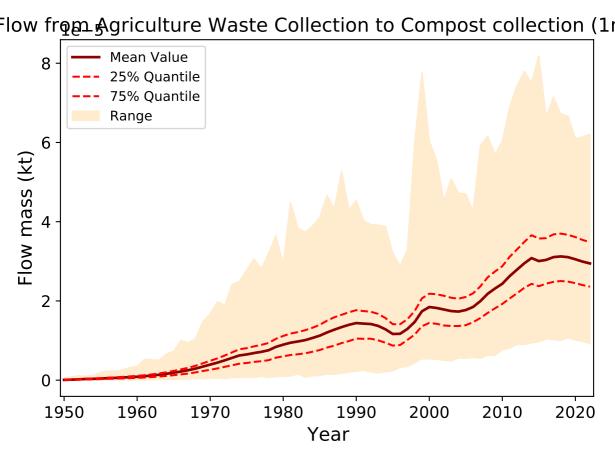


low from Electrical and Electronic Equiment Waste Collection to 1.75 Mean Value 25% Quantile 75% Quantile 1.50 Range 1.25 Flow mass (kt) 1.00 0.75 0.50 0.25 0.00 1950 1960 1970 1980 1990 2000 2010 2020

Year

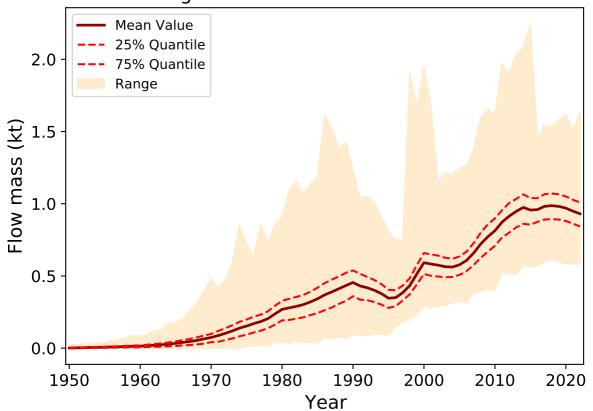
Flow from Agriculture Waste Collection to Compost collection (Mean Value 0.035 25% Quantile 75% Quantile 0.030 Range 0.025 Flow mass 0.020 0.015 0.010 0.005 0.000 1950 1960 1970 1980 1990 2000 2010 2020

Year

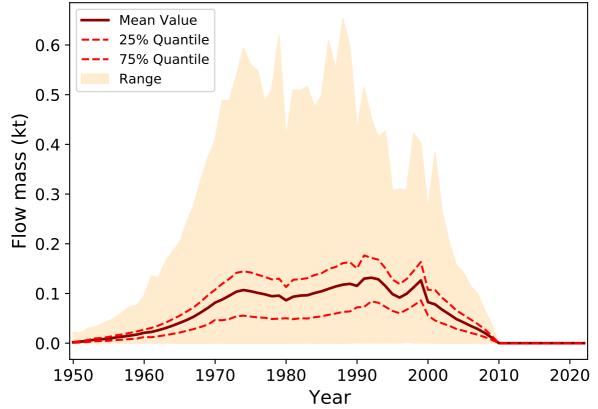


Flow from Agriculture Waste Collection to Agriculture Plastic Rec Mean Value 0.6 25% Quantile 75% Quantile Range 0.5 Flow mass (kt) 0.1 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

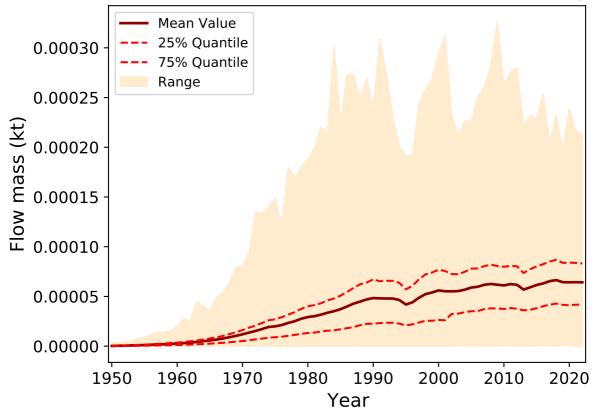
Flow from Agriculture Waste Collection to Incineration



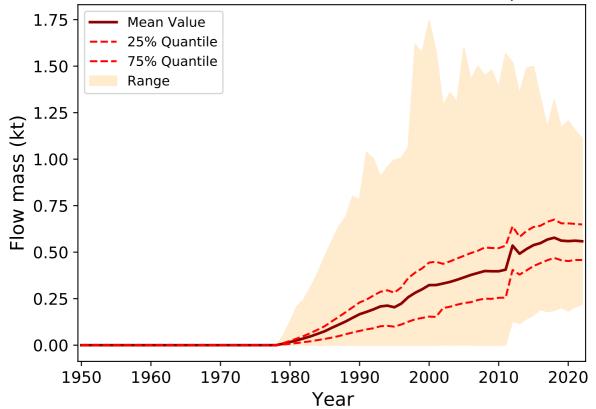
Flow from Agriculture Waste Collection to Landfill



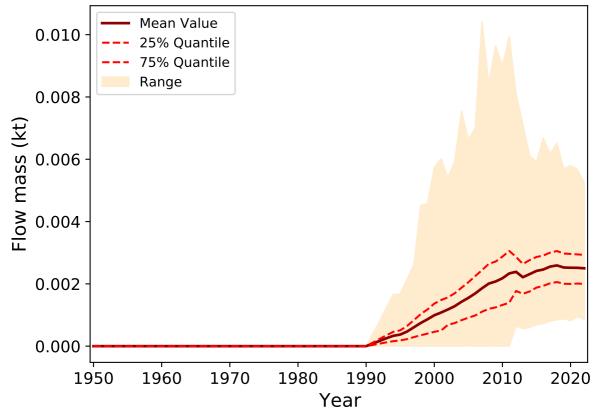
Flow from Textile Waste Collection to Residential Soil (mi



Flow from Textile Waste Collection to Export

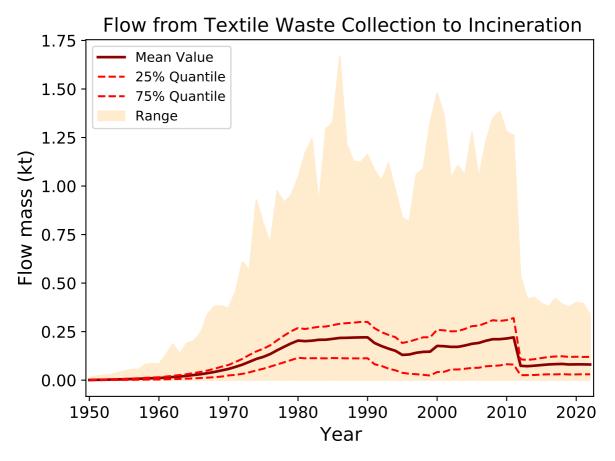


Flow from Textile Waste Collection to Textile Reuse

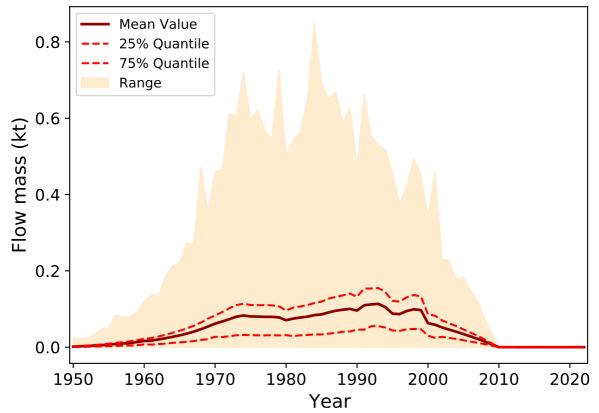


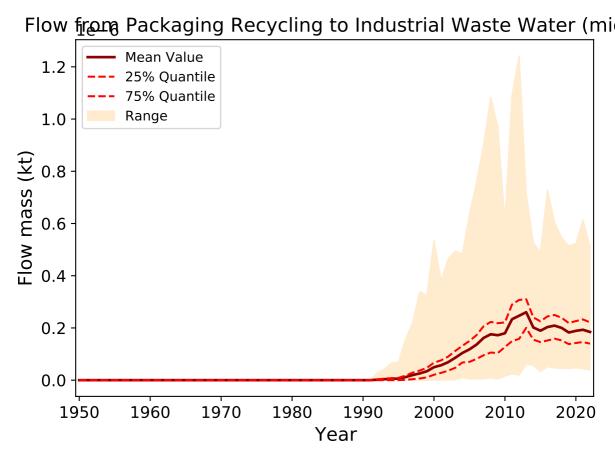
Flow from Textile Waste Collection to Material Reuse Mean Value 25% Quantile 0.04 75% Quantile Range 0.02 Flow mass (kt) 0.00 -0.02-0.041950 1960 1970 1980 1990 2000 2010 2020

Year

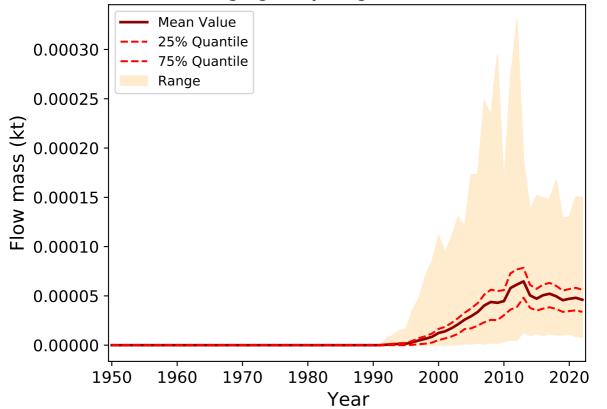


Flow from Textile Waste Collection to Landfill

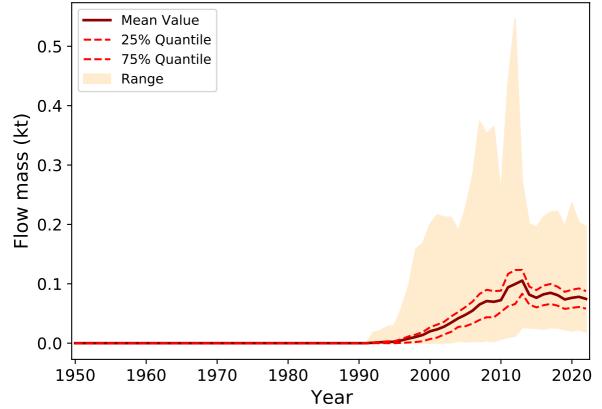




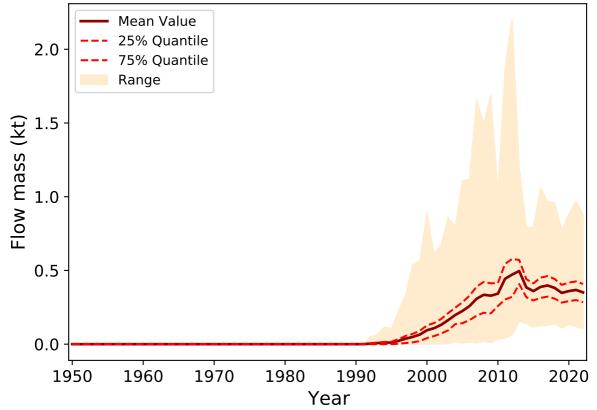
Flow from Packaging Recycling to Residential Soil (macr



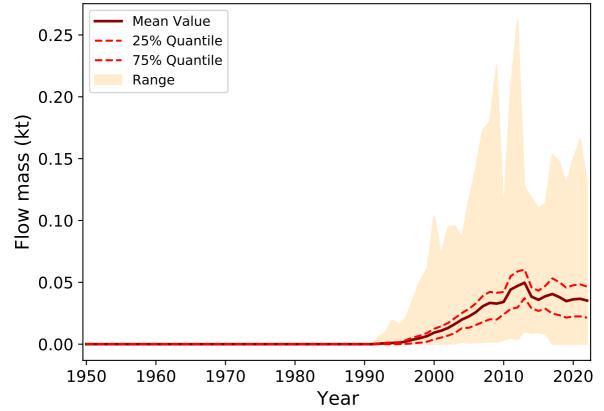
Flow from Packaging Recycling to Export

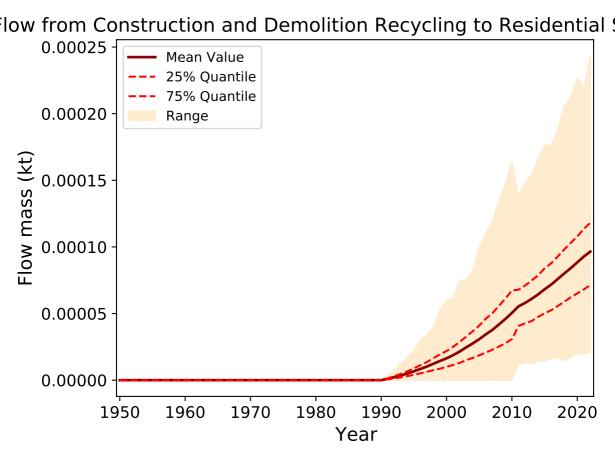


Flow from Packaging Recycling to Material Reuse



Flow from Packaging Recycling to Incineration

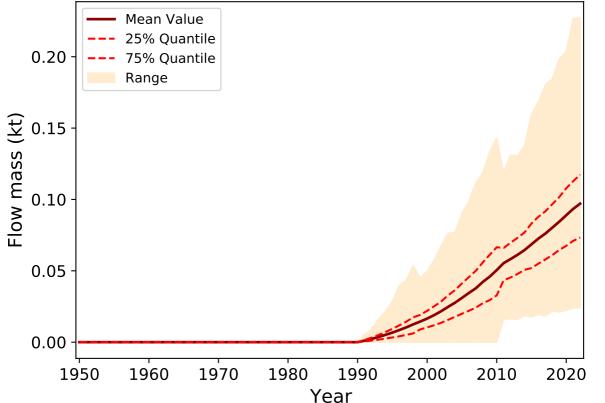


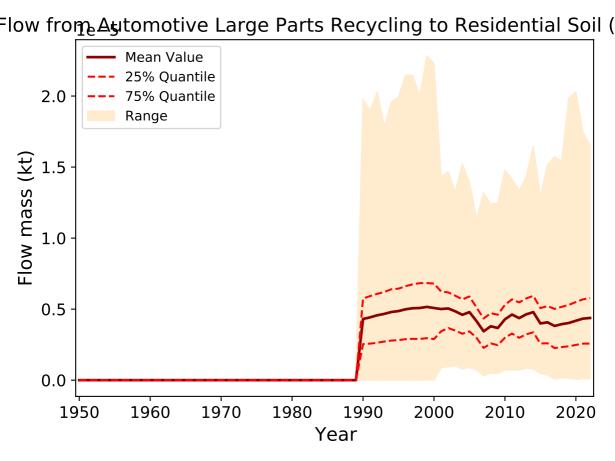


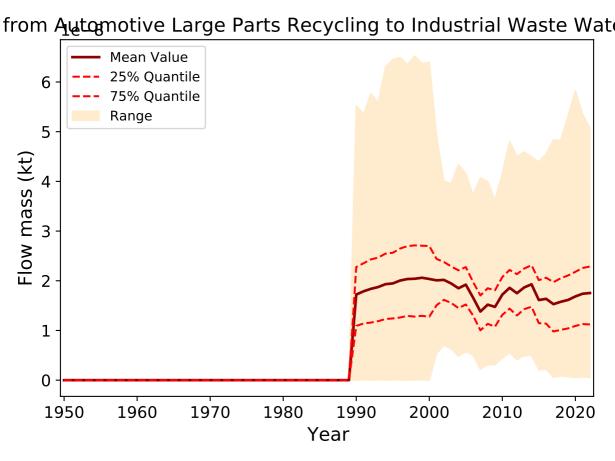
om Construction and Demolition Recycling to Industrial Waste W Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) Year

Flow from Construction and Demolition Recycling to Material R 1.6 Mean Value 25% Quantile 1.475% Quantile Range 1.2 Flow mass (kt) 9.0 8.0 0.1 0.6 0.40.2 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Construction and Demolition Recycling to Incinera Mean Value 25% Quantile

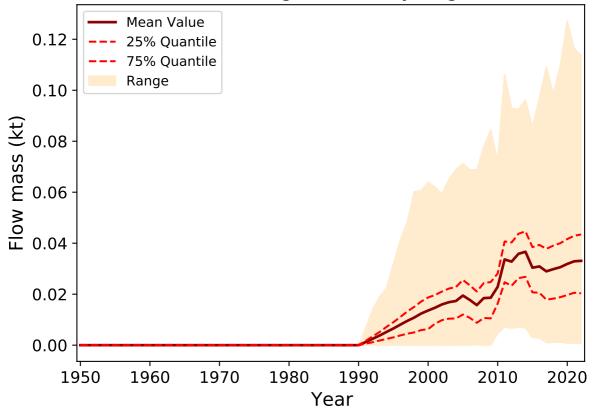




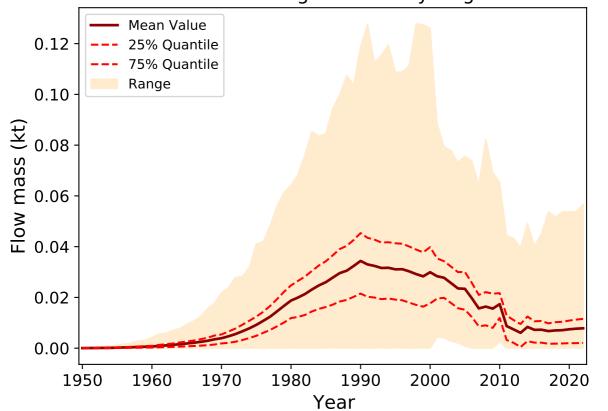


Flow from Automotive Large Parts Recycling to Automotive Part Mean Value 0.014 25% Quantile 75% Quantile 0.012 Range 0.010 Flow mass 0.008 0.006 0.004 0.002 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year

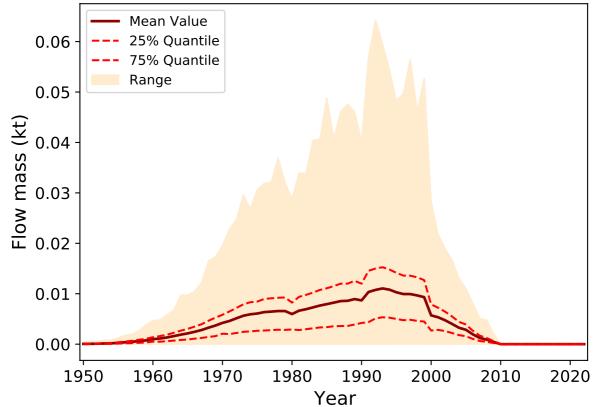
Flow from Automotive Large Parts Recycling to Material Rec

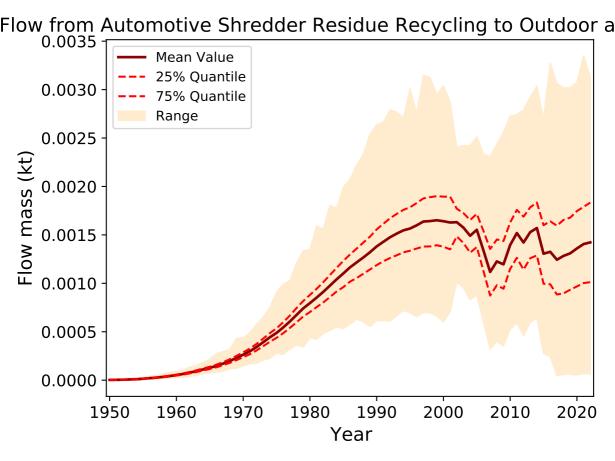


Flow from Automotive Large Parts Recycling to Incineration



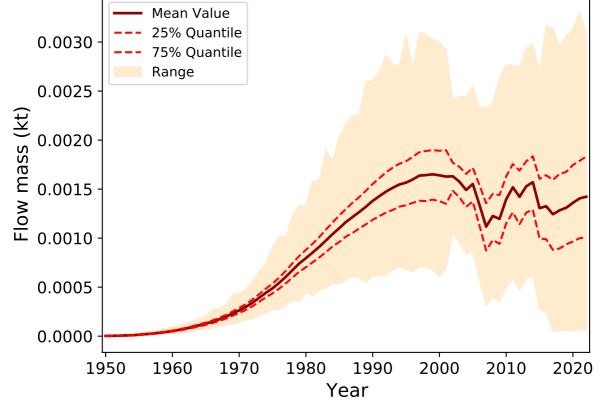
Flow from Automotive Large Parts Recycling to Landfill





ow from Automotive Shredder Residue Recycling to Residential 0.0035Mean Value 25% Quantile 0.0030 75% Quantile Range 0.0025 Flow mass (kt) 0.0020 0.0015 0.0010 0.0005 0.0000 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Automotive Shredder Residue Recycling to Waste Wat



Flow from Automotive Shredder Residue Recycling to Material Mean Value 25% Quantile 0.04 75% Quantile Range 0.02 Flow mass (kt) 0.00 -0.02-0.041950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Automotive Shredder Residue Recycling to Incinera 3.5 -Mean Value 25% Quantile 3.0 75% Quantile Range 2.5 Flow mass (kt) 2.0 1.5 1.0 0.5 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Automotive Shredder Residue Recycling to Landf 1.2 Mean Value 25% Quantile 1.0 75% Quantile Range 8.0 Flow mass (kt) 0.6 0.4 0.2 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

rom Waste of Electrical and Electronic Plastic Recycling to Outd Mean Value 25% Quantile 0.005 75% Quantile Range 0.004 Flow mass (kt) 0.003 0.002 0.001 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year

m Waste of Electrical and Electronic Plastic Recycling to Reside Mean Value 25% Quantile 0.005 75% Quantile Range 0.004 Flow mass (kt) 0.003 0.002 0.001 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year

om Waste of Electrical and Electronic Plastic Recycling to Waste Mean Value 25% Quantile 0.005 75% Quantile Range 0.004 Flow mass (kt) 0.003 0.002 0.001 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year

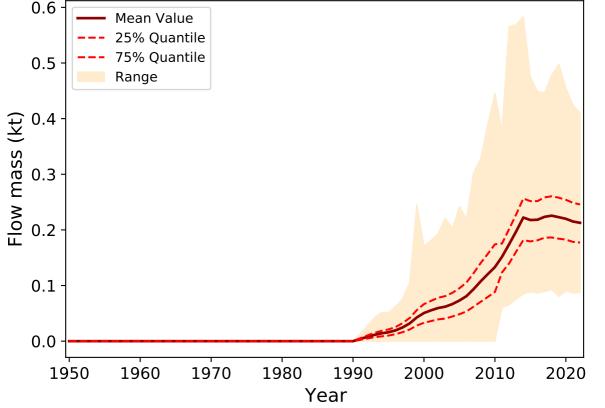
from Waste of Electrical and Electronic Plastic Recycling to Mate Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) Year

 \prime from Waste of Electrical and Electronic Plastic Recycling to Inci Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) κ Year

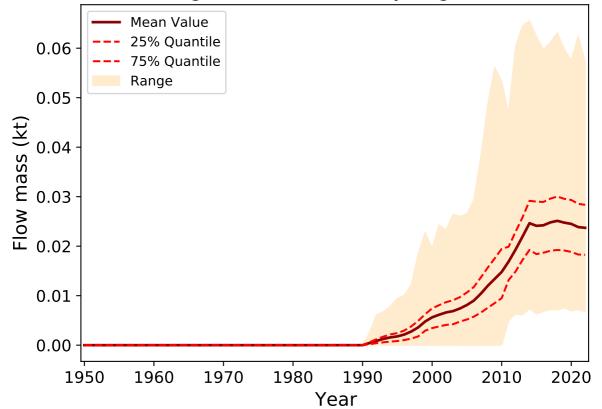
Flow from Agriculture Plastic Recycling to Residential Soil (mic 8 -Mean Value 25% Quantile 75% Quantile Range Flow mass (kt) Year

low from Agriculture Plastic Recycling to Industrial Waste Water Mean Value 3.0 25% Quantile 75% Quantile 2.5 Range Flow mass (kt) 1.5 1.0 1.5 0.5 0.0 1950 1960 1970 1980 1990 2000 2010 2020 Year

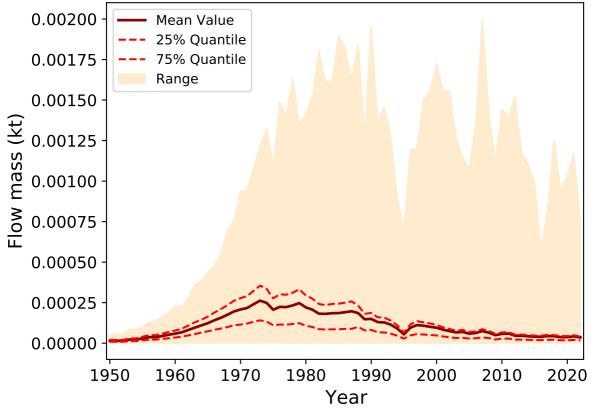
Flow from Agriculture Plastic Recycling to Material Reuse



Flow from Agriculture Plastic Recycling to Incineration



Flow from Industrial Waste Water (micro) to Residential Soil



r from Industrial Waste Water (micro) to Waste Water Treatmen 0.0035Mean Value 25% Quantile 0.0030 75% Quantile Range 0.0025 Flow mass (kt) 0.0020 0.0015 0.0010 0.0005 0.0000 1950 1960 1970 1980 1990 2000 2010 2020 Year

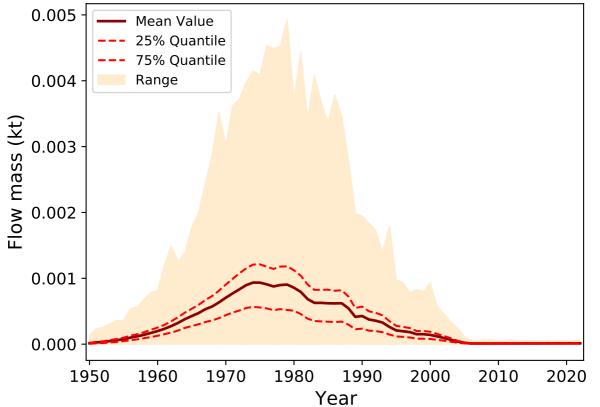
Flow from Industrial Waste Water (micro) to Surface Water (0.0010 Mean Value 25% Quantile 75% Quantile 0.0008 Range Flow mass (kt) 0.0006 0.0004 0.0002 0.0000 1950 1960 1970 1980 2000 2010 2020 1990 Year

Flow from Storm Water (macro) to Waste Water Treatment Plan 0.030 Mean Value 25% Quantile 75% Quantile 0.025 Range Flow mass (kt) 0.020 0.015 0.010 0.005 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Storm Water (macro) to Surface Water (macro 0.0200 Mean Value 25% Quantile 0.0175 75% Quantile Range 0.0150 0.0125 Flow mass 0.0100 0.0075 0.0050 0.0025 0.0000 1950 1960 1970 1980 1990 2000 2010 2020

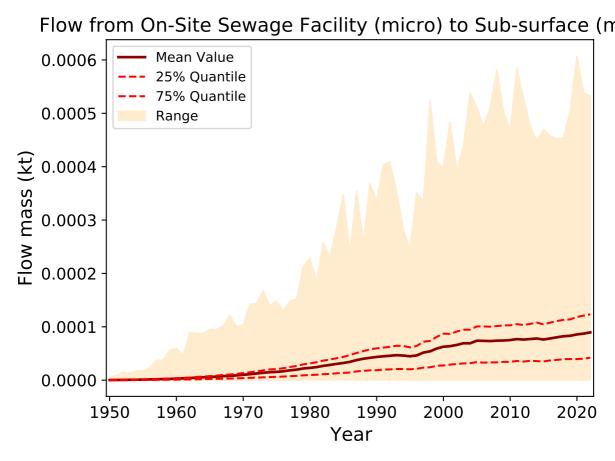
Year

Flow from Waste Water (micro) to Sub-surface (micro)

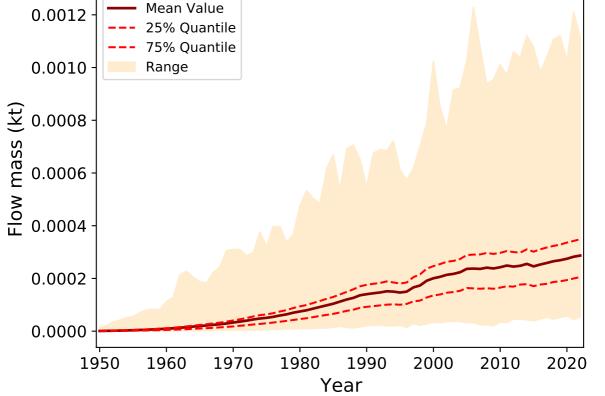


Flow from Waste Water (micro) to Waste Water Treatment Plan Mean Value 25% Quantile 0.020 75% Quantile Range 0.015 Flow mass (kt) 0.010 0.005 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Waste Water (micro) to On-Site Sewage Facility (r 0.0014 Mean Value 25% Quantile 75% Quantile 0.0012 Range 0.0010 Flow mass (kt) 0.0008 0.0006 0.0004 0.0002 0.0000 1950 1960 1970 1980 1990 2000 2010 2020 Year

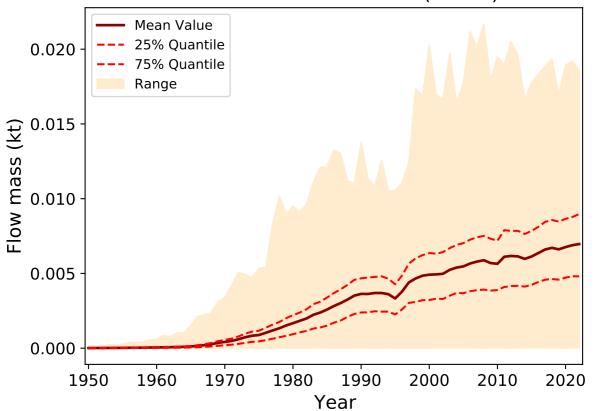


Flow from On-Site Sewage Facility (micro) to Sludge (mic Mean Value 25% Quantile 75% Quantile



rom Waste Water Treatment Plant (macro) to Primary Water Tre Mean Value 0.0175 25% Quantile 75% Quantile 0.0150 Range 0.0125 Flow mass 0.0100 0.0075 0.0050 0.0025 0.0000 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Waste Water Treatment Plant (macro) to Incinera



om Waste Water Treatment Plant (macro) to Combined Sewer O 0.012 Mean Value 25% Quantile 75% Quantile 0.010 Range 0.008 Flow mass 0.006 0.004 0.002 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year

from Waste Water Treatment Plant (micro) to Primary Water Tre Mean Value 0.0175 25% Quantile 75% Quantile 0.0150 Range 0.0125 Flow mass 0.0100 0.0075 0.0050 0.0025 0.0000 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Waste Water Treatment Plant (micro) to Incinera Mean Value 0.020 25% Quantile 75% Quantile Range 0.015 Flow mass (kt) 0.010 0.005 0.000

1980

1990

Year

2000

2010

2020

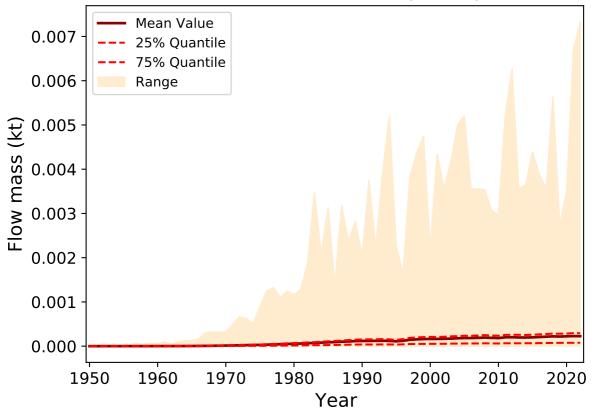
1950

1960

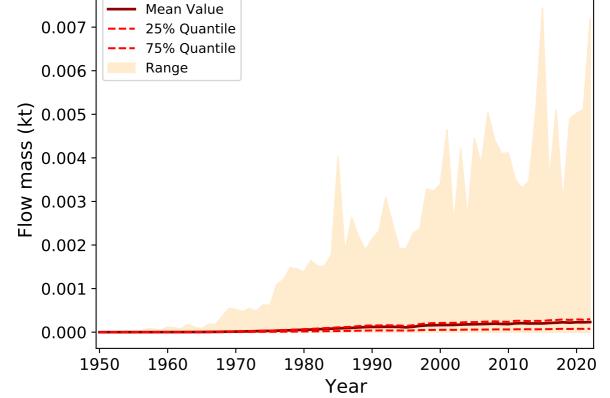
1970

rom Waste Water Treatment Plant (micro) to Combined Sewer C Mean Value 0.0012 25% Quantile 75% Quantile Range 0.0010 ₹ 0.0008 Flow mass 0.0006 0.0004 0.0002 0.0000 1950 1960 1970 1980 2000 2010 2020 1990 Year

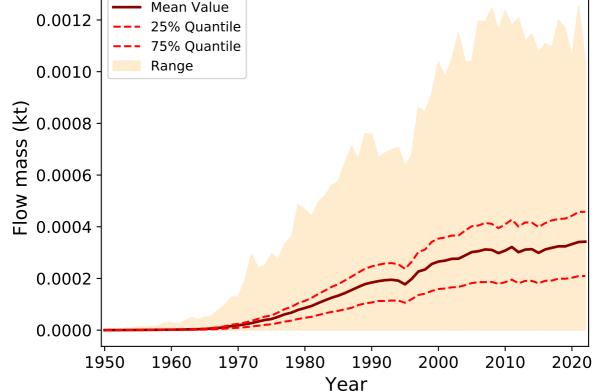
Flow from Combined Sewer Overflow (macro) to Incinerati



Flow from Combined Sewer Overflow (macro) to Surface Water



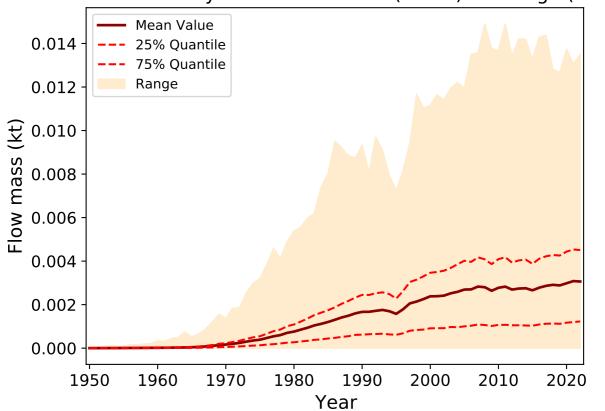
Flow from Combined Sewer Overflow (micro) to Surface Water Mean Value 0.0012 25% Quantile 75% Quantile Range 0.0010



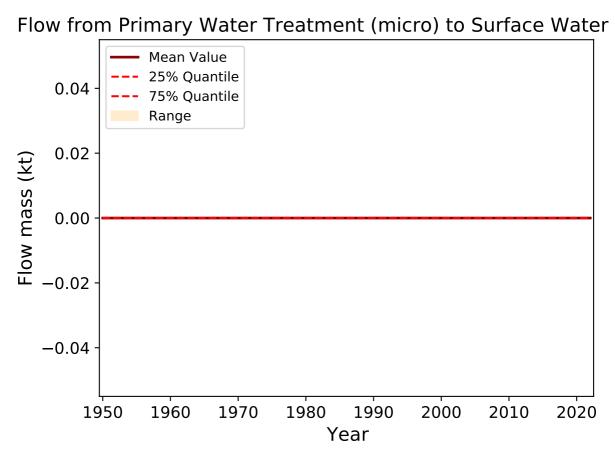
Flow from Primary Water Treatment (macro) to Sludge (ma Mean Value 0.012 25% Quantile 75% Quantile Range 0.010 Flow mass (kt) 800.0 4 0.002 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year

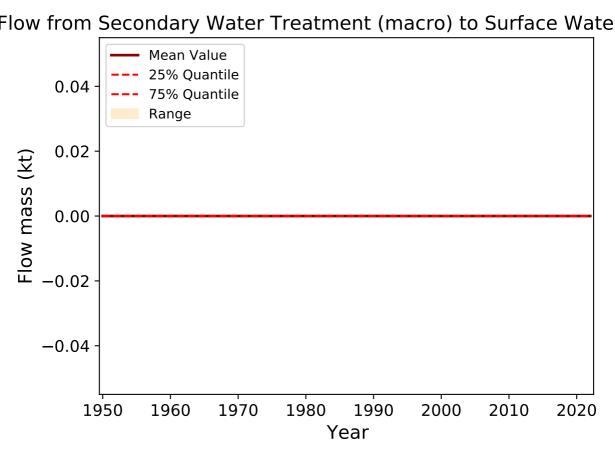
rom Primary Water Treatment (macro) to Secondary Water Trea Mean Value 25% Quantile 0.012 75% Quantile Range 0.010 Flow mass (kt) 0.008 0.006 0.004 0.002 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year

Flow from Primary Water Treatment (micro) to Sludge (mic

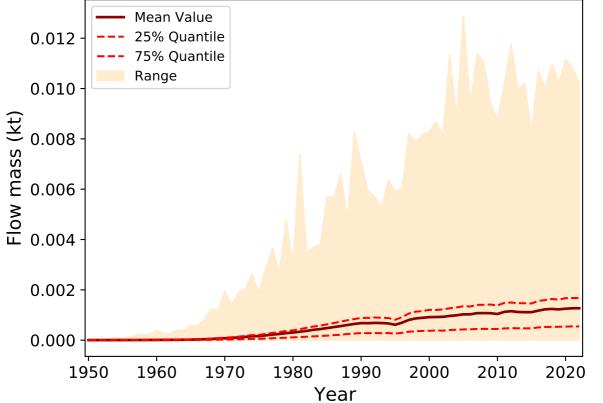


from Primary Water Treatment (micro) to Secondary Water Trea 0.005 Mean Value 25% Quantile 75% Quantile Range 0.004 Flow mass (kt) 0.003 0.002 0.001 0.000 1950 1960 1970 1980 1990 2000 2010 2020 Year





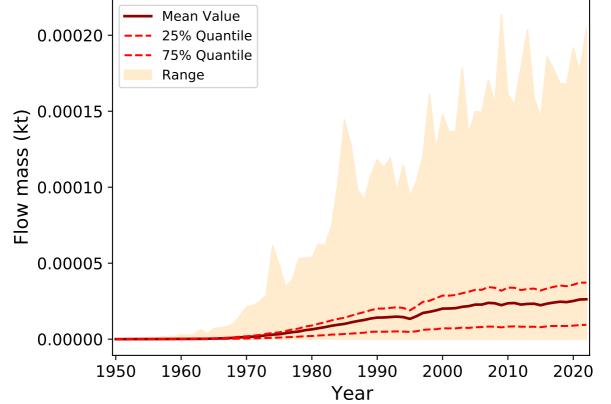
Flow from Secondary Water Treatment (macro) to Sludge (m Mean Value 25% Quantile 0.012 75% Quantile Range



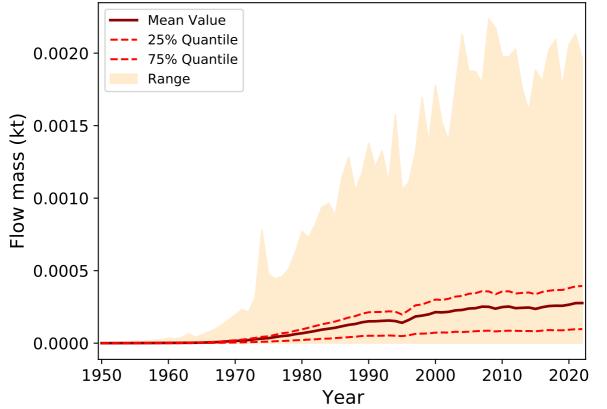
Flow from Secondary Water Treatment (micro) to Sludge (m Mean Value 25% Quantile 0.0025 75% Quantile Range 0.0020 Flow mass (kt) 0.0015 0.0010 0.0005 0.0000 1950 1960 1970 1980 2000 2010 2020 1990 Year

from Secondary Water Treatment (micro) to Tertiary Water Tre Mean Value 0.0030 25% Quantile 75% Quantile 0.0025 Range **₹** 0.0020 Flow mass 0.0015 0.0010 0.0005 0.0000 1950 1960 1970 1980 2000 2010 2020 1990 Year

Flow from Secondary Water Treatment (micro) to Surface Water Mean Value



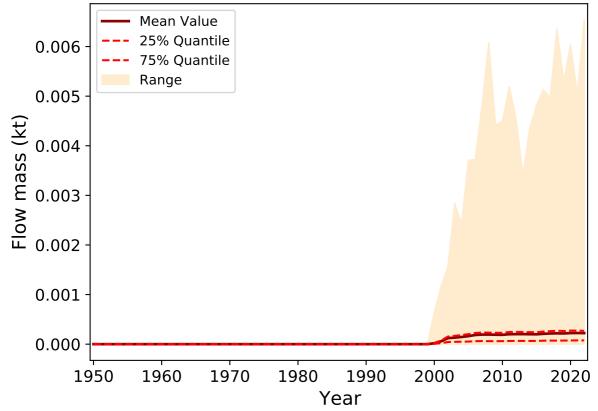
Flow from Tertiary Water Treatment (micro) to Incinerati

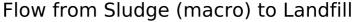


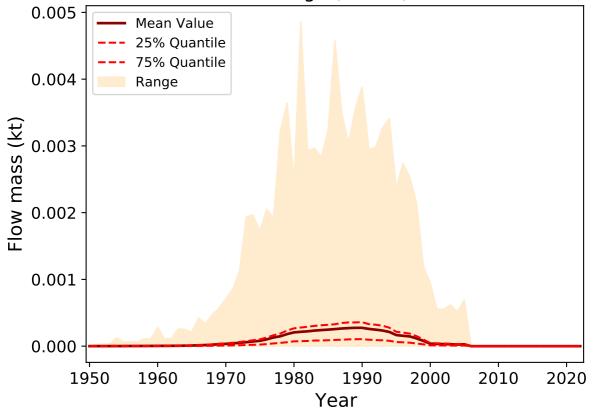
Flow from Tertiary Water Treatment (micro) to Surface Water Mean Value 0.0014 25% Quantile 75% Quantile 0.0012 Range 0.0010 Flow mass 0.0008 0.0006 0.0004 0.0002 0.0000 1950 1960 1970 1980 2000 2010 2020 1990

Year

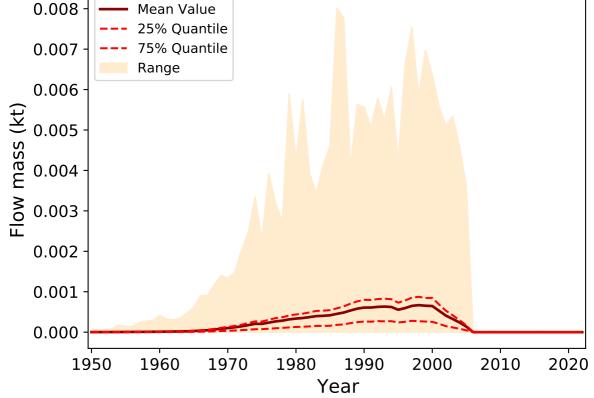
Flow from Sludge (macro) to Export

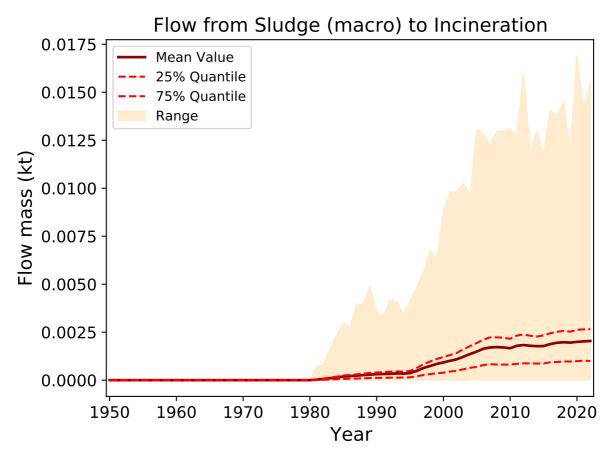




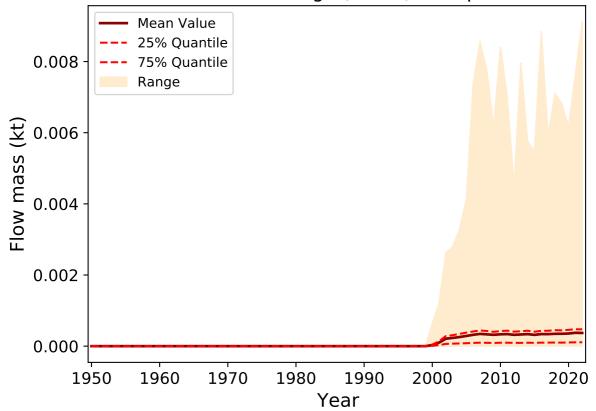


Flow from Sludge (macro) to Agricultural Soil (macro) 0.008 Mean Value 25% Quantile 0.007 75% Quantile Range 0.006 0.005 0.004 0.003 0.002

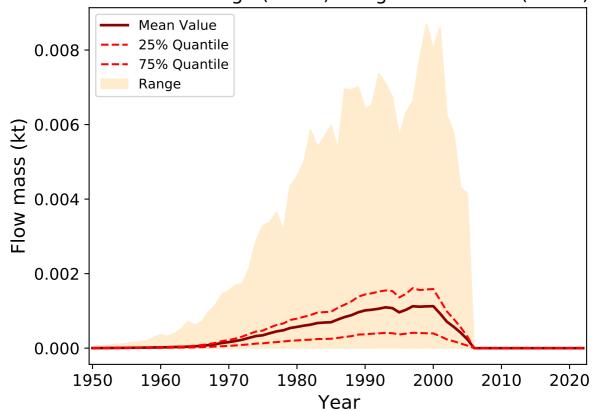




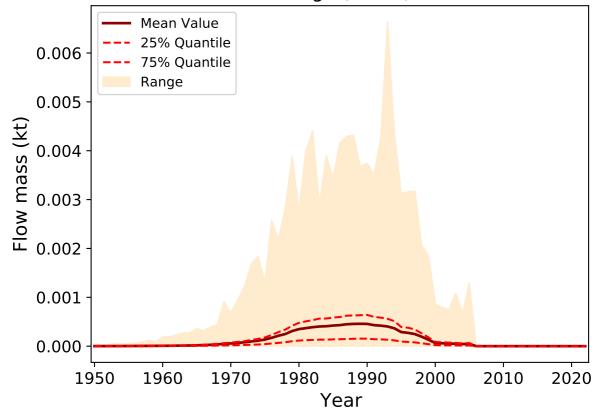
Flow from Sludge (micro) to Export

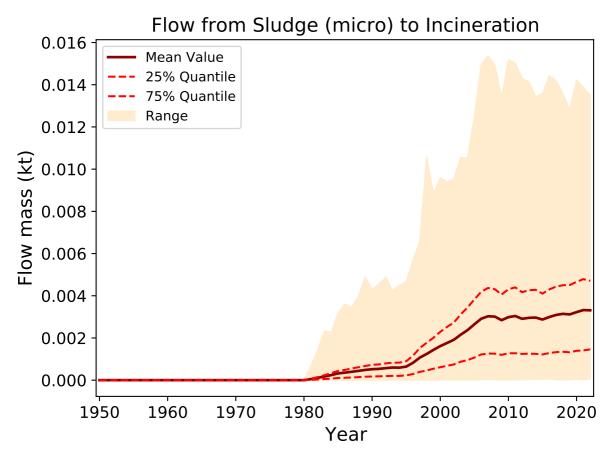


Flow from Sludge (micro) to Agricultural Soil (micro)



Flow from Sludge (micro) to Landfill

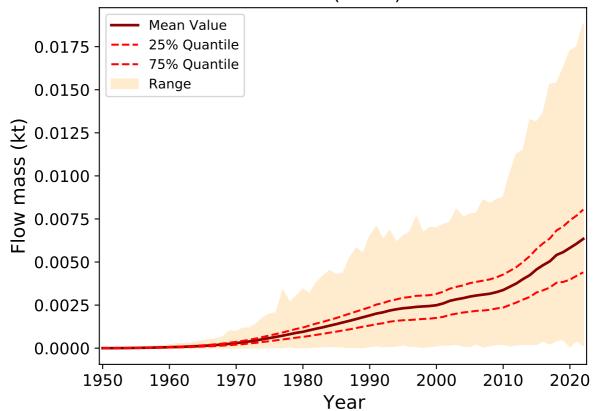




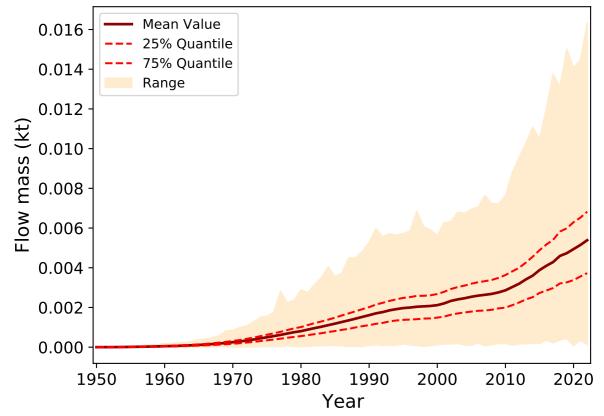
Flow from Indoor air (micro) to Outdoor air (micro) Mean Value 0.010 25% Quantile 75% Quantile Range 800.0 Flow mass (kt) 0.006 0.004 0.002 0.000 1950 1960 1970 1980 1990 2000 2010 2020

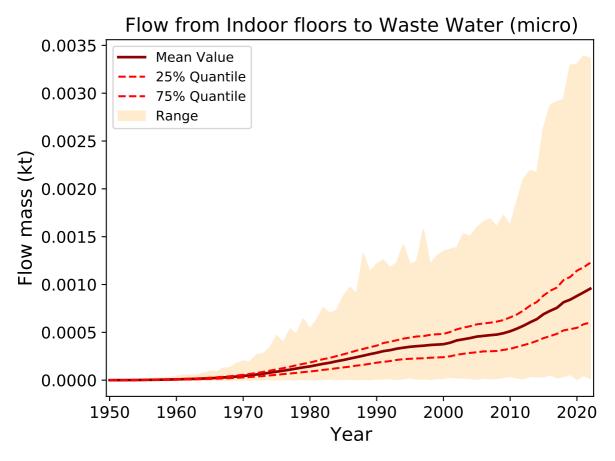
Year

Flow from Indoor air (micro) to Indoor floors



Flow from Indoor floors to Mixed Waste Collection





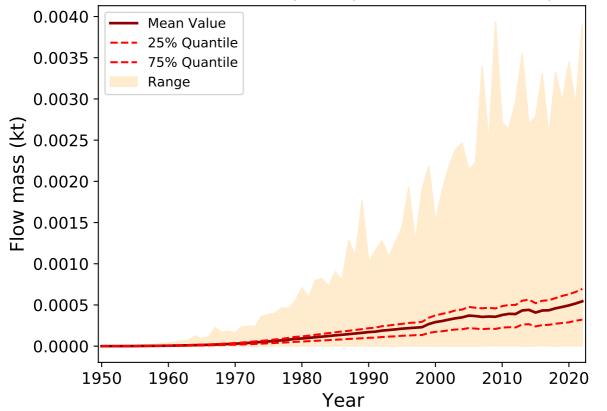
Flow from Outdoor air (micro) to Surface Water (micro) 0.0030 Mean Value 25% Quantile 75% Quantile 0.0025 Range 0.0020 Flow mass (kt) 0.0015 0.0010 0.0005 0.0000 1950 1960 1970 1980 2000 2010 2020 1990 Year

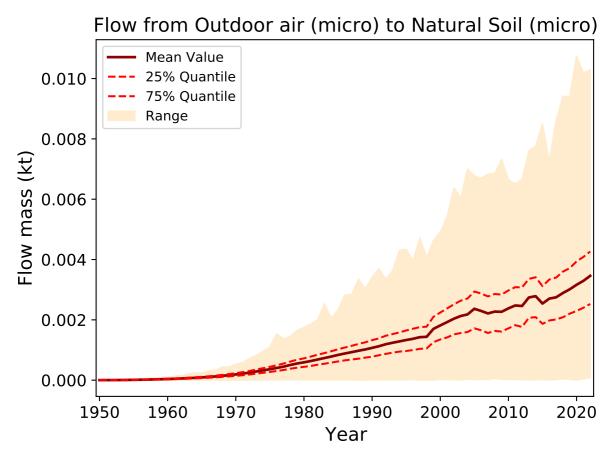
Flow from Outdoor air (micro) to Agricultural Soil (micro) Mean Value 0.010 25% Quantile 75% Quantile Range 0.008 0.006 0.004 0.002 0.000 1950 1960 1970 1980 1990 2000 2010 2020

Year

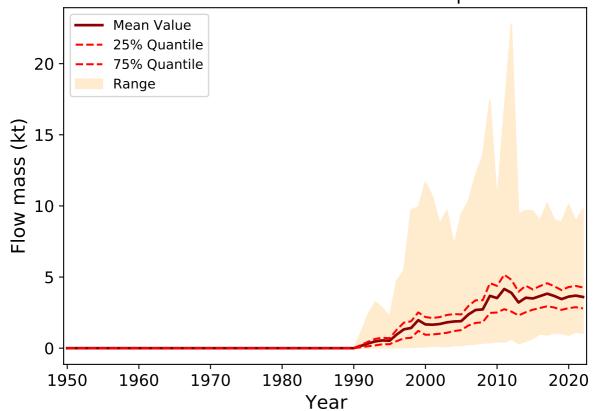
Flow mass (kt)

Flow from Outdoor air (micro) to Residential Soil (micro

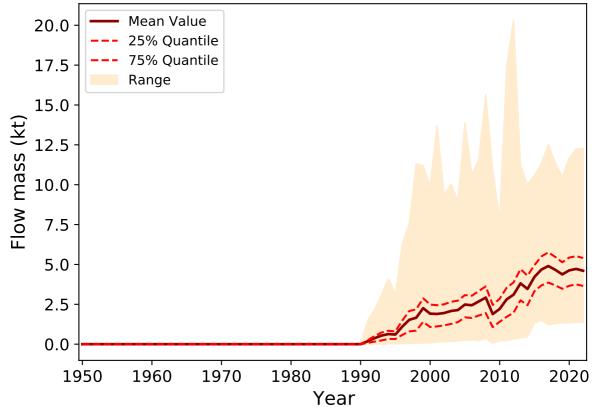




Flow from Material Reuse to Export



Flow from Material Reuse to Recycled Material Production



Flow from Textile Reuse to Fabric Coatings

