

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Material flows of total mercury (THg) in rice grains and residues in different regions across the world

File Name: Supplementary Data 2

Description: Material flows of methylmercury (MeHg) in rice grains and residues in different regions across the world

File Name: Supplementary Data 3

Description: Material flows of MeHg in rice grains and residues, and inhabitants THg and MeHg exposure through rice consumption in different countries and regions across the world

File Name: Supplementary Data 4

Description: Concentrations of THg and MeHg in rice grains in different regions Supplementary Data 5. Total nitrogen contained in rice residues

File Name: Supplementary Data 6

Description: Concentrations of THg in different parts of rice plants

File Name: Supplementary Data 7

Description: Dry weight ratio of straw to grain for different crops

File Name: Supplementary Data 8

Description: Moisture content in rice residues

File Name: Supplementary Data 9

Description: Inhabitant THg and MeHg exposure through fish consumption in different countries and contaminated regions in the world

File Name: Supplementary Data 10

Description: Amounts of THg embodied in international trades of rice based on reports of export countries and regions

File Name: Supplementary Data 11

Description: Amounts of THg embodied in international trades of rice based on reports of import countries and regions

File Name: Supplementary Data 12

Description: Amounts of MeHg embodied in international trades of rice based on reports of export countries and regions

File Name: Supplementary Data 13

Description: Amounts of MeHg embodied in international trades of rice based on reports of import countries and regions

File Name: Supplementary Data 14

Description: Amounts of THg and MeHg embodied in international trades of rice between different regions across the world

File Name: Supplementary Data 15

Description: Potential THg and MeHg exposure through consumption of rice from Hg-contaminated sites and per-foetus intelligence quotient decrements

File Name: Supplementary Data 16

Description: Global THg generated in crop residues in 2016

File Name: Supplementary Data 17

Description: Uncertainties of biotransports of THg and MeHg from production to consumption of rice grain, and generated in rice residues

File Name: Supplementary Data 18

Description: Uncertainties of THg and MeHg generated in rice grain and residues and health impacts in different countries and regions

File Name: Supplementary Data 19

Description: Enrichment factors of THg in soil relative to the year 2008