

Supplementary Information

for

Does Ecologically Unequal Exchange Occur?

SI 1: Region Definitions

Income brackets

We follow the World Bank income classification:

<http://data.worldbank.org/about/country-classifications>

High Income: Andorra, Aruba, Australia, Austria, Bahamas, Bahrain, Barbados, Belgium, Bermuda, British Virgin Islands, Brunei, Canada, Cayman Islands, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, French Polynesia, Germany, Greece, Greenland, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Kuwait, Latvia, Liechtenstein, Luxembourg, Macao SAR, Malta, Monaco, Netherlands, Netherlands Antilles, New Caledonia, New Zealand, Norway, Oman, Poland, Portugal, Qatar, South Korea, San Marino, Saudi Arabia, Singapore, Slovakia, Slovenia, Spain, Sweden, Switzerland, Taiwan, Trinidad and Tobago, UAE, UK, USA. **Upper middle income:** Albania, Algeria, Antigua, Argentina, Azerbaijan, Belarus, Bosnia and Herzegovina, Botswana, Brazil, Bulgaria, Chile, China, Colombia, Costa Rica, Cuba, Dominican Republic, Fiji, Gabon, Iran, Jamaica, Kazakhstan, Lebanon, Libya, Lithuania, Malaysia, Mauritius, Mexico, Montenegro, Namibia, Panama, Peru, Romania, Russia, Serbia, Seychelles, South Africa, Suriname, TFYR Macedonia, Turkey, Uruguay, Venezuela. **Lower middle income:** Angola, Armenia, Belize, Bhutan, Bolivia, Cameroon, Cape Verde, Congo, Cote d'Ivoire, Djibouti, Ecuador, Egypt, El Salvador, Georgia, Guatemala, Guyana, Honduras, India, Indonesia, Iraq, Jordan, Lesotho, Maldives, Mongolia, Morocco, Nicaragua, Nigeria, Gaza Strip, Pakistan, Papua New Guinea, Paraguay, Philippines, Moldova, Samoa, Sao Tome and Principe, Senegal, Sri Lanka, Sudan, Swaziland, Syria, Thailand, Tunisia, Turkmenistan, Ukraine, Uzbekistan, Vanuatu, Viet Nam, Yemen. **Low Income:** Afghanistan, Bangladesh, Benin, Burkina Faso, Burundi, Cambodia, Central African Republic, Chad, North Korea, DR Congo, Eritrea, Ethiopia, Gambia, Ghana, Guinea, Haiti, Kenya, Kyrgyzstan, Laos, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Myanmar, Nepal, Niger, Rwanda, Sierra Leone, Somalia, Tajikistan, Togo, Uganda, Tanzania, Zambia, Zimbabwe.

Geographic regions

Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Congo, Cote d'Ivoire, DR Congo, Djibouti, Egypt, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guyana, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Suriname, Swaziland, Togo, Tunisia, Uganda, Tanzania, Zambia, Zimbabwe. **Asia-Pacific:** Australia, Bangladesh, Bhutan, Brunei, Cambodia, China, North Korea, Fiji, French Polynesia, Hong Kong, India, Indonesia, Japan, Laos, Macao SAR, Malaysia, Maldives, Mongolia, Myanmar, Nepal, New Caledonia, New Zealand, Pakistan, Papua New Guinea, Philippines, South Korea, Russia, Samoa, Singapore, Sri Lanka, Taiwan, Thailand, Ukraine, Vanuatu, Viet Nam. **Latin America:** Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, Trinidad and Tobago, Uruguay, Venezuela. **M. East & C. Asia:** Afghanistan, Azerbaijan, Bahrain, Georgia, Iran, Iraq, Israel, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Lebanon, Gaza Strip, Oman, Qatar, Saudi Arabia, Syria, Tajikistan, Turkey, Turkmenistan, UAE, Uzbekistan, Yemen. **North America:** Antigua, Aruba, Bahamas, Barbados, Belize, Bermuda, British Virgin Islands, Canada, Cayman Islands, Haiti, Mexico, USA. **Other Europe:** Albania, Armenia, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Latvia, Lithuania, Malta, Montenegro, Poland, Moldova, Romania, Serbia, Slovakia, Slovenia, TFYR Macedonia. **Western Europe:** Andorra, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Liechtenstein, Luxembourg, Monaco, Netherlands, Norway, Portugal, San Marino, Spain, Sweden, Switzerland, UK

SI 2: Inter-regional trade balance figures

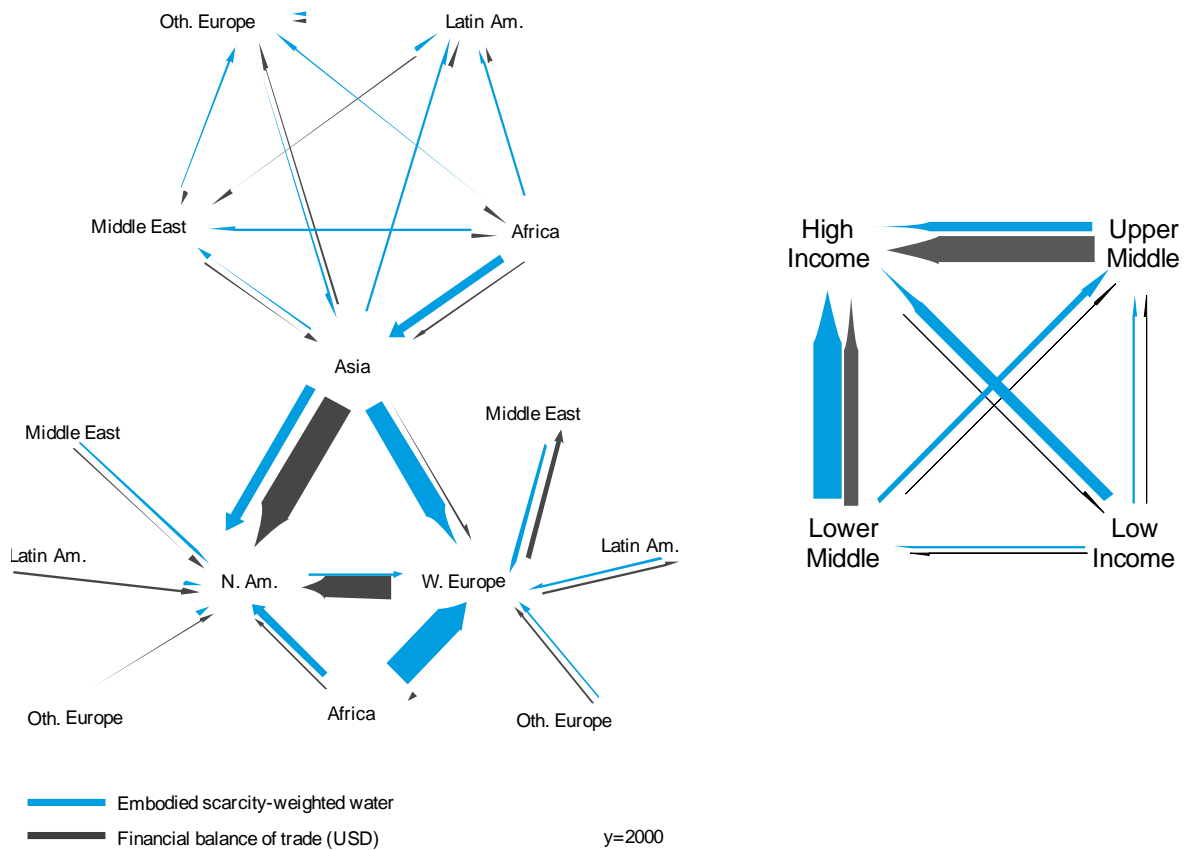


Fig. 11: Inter-regional balance of trade in terms of financial flows and in terms of embodied scarcity-weighted water. At this high level of aggregation the effect of scarcity weighting is difficult to see (compare to Fig. 3), with the exception of the reversal of the flow between Asia and Western Europe.

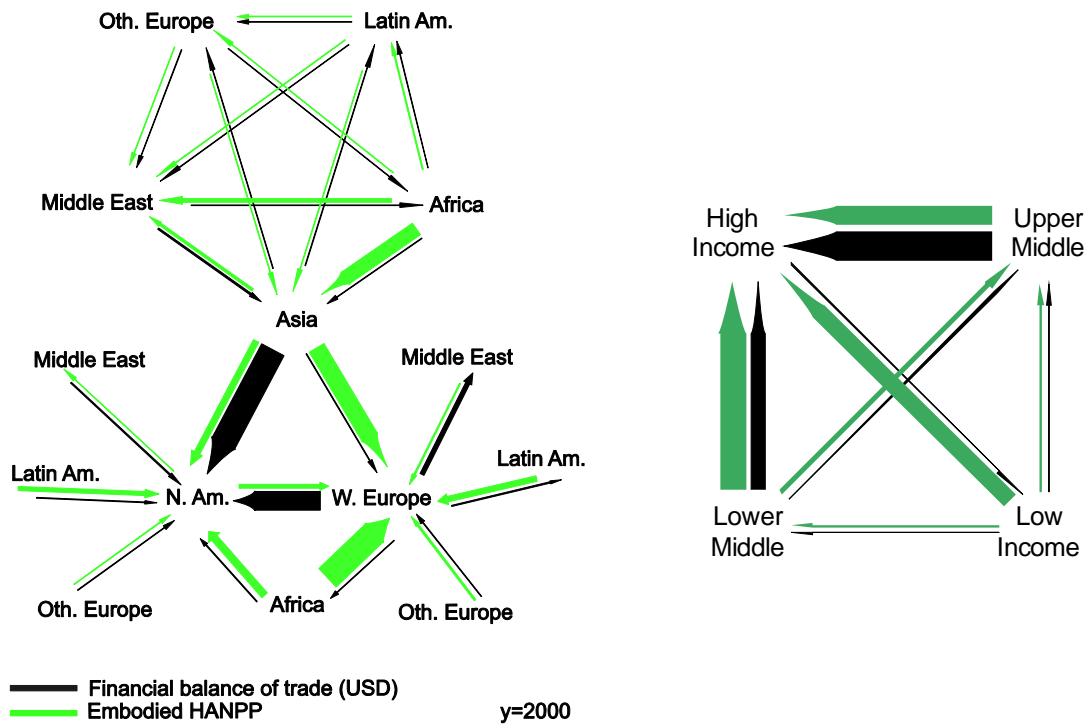


Fig. 12: Inter-regional balance of trade in terms of financial flows and in terms of embodied HANPP

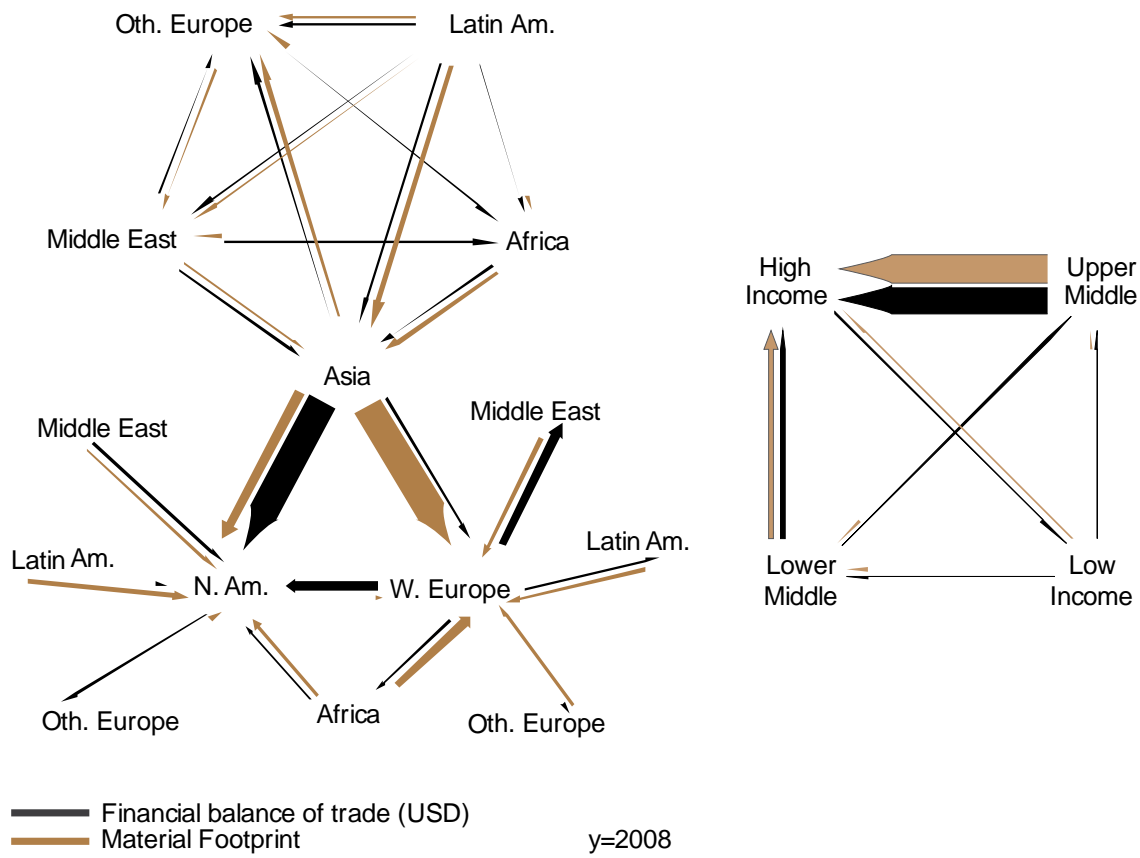


Fig. 13: Inter-regional trade in terms of financial flows and in terms of material footprint (embodied material flow)

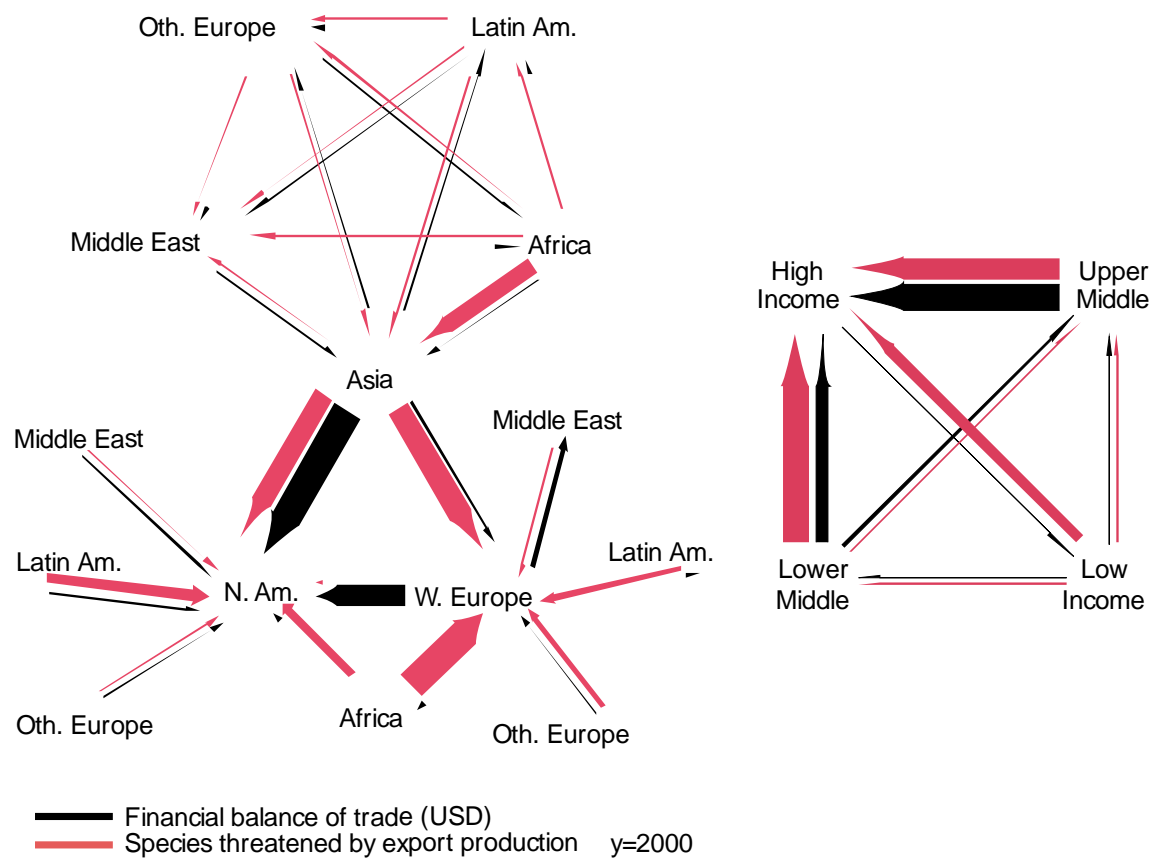


Fig. 14: Inter-regional trade in financial terms and in terms of species threatened by export production. Goods and services contain embodied species threats when their production drives biodiversity threats.

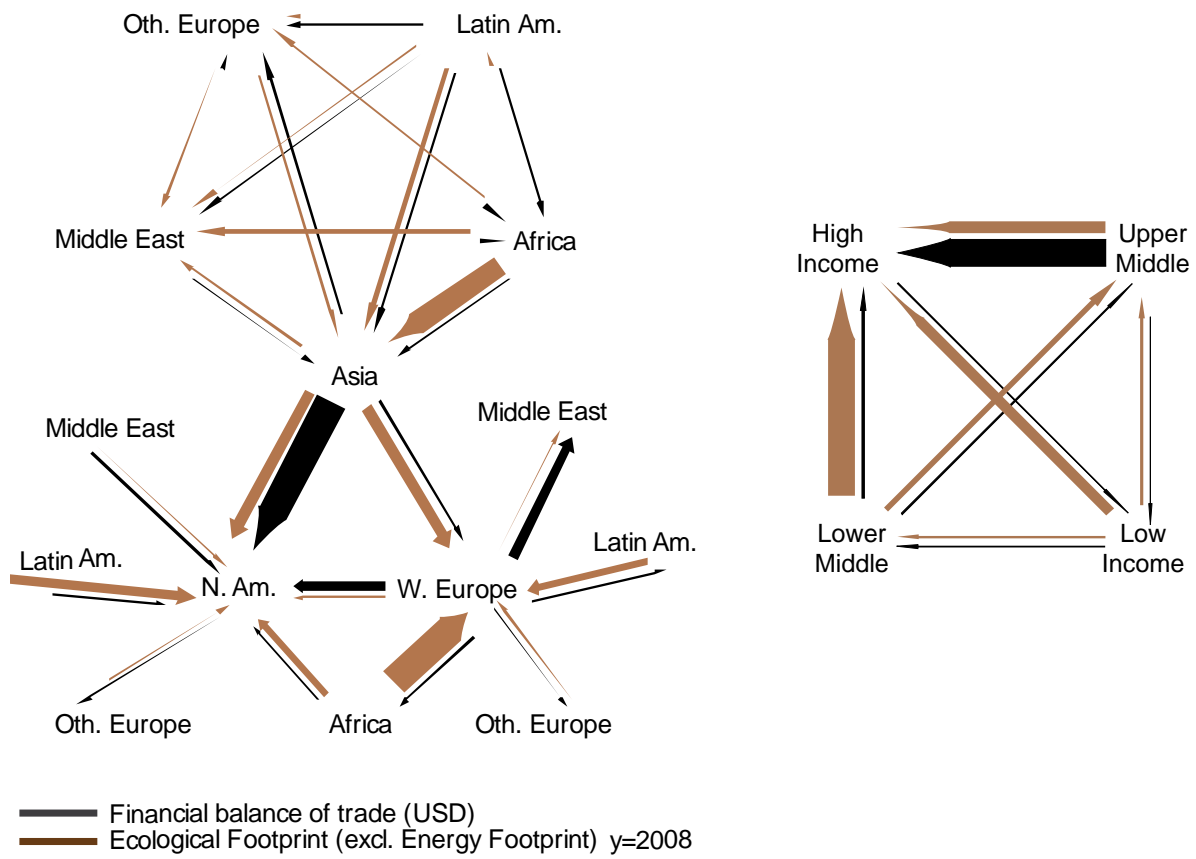


Fig. 15: Inter-regional balance of trade in terms of financial flows and in terms of embodied Ecological Footprint (excluding the energy Footprint)

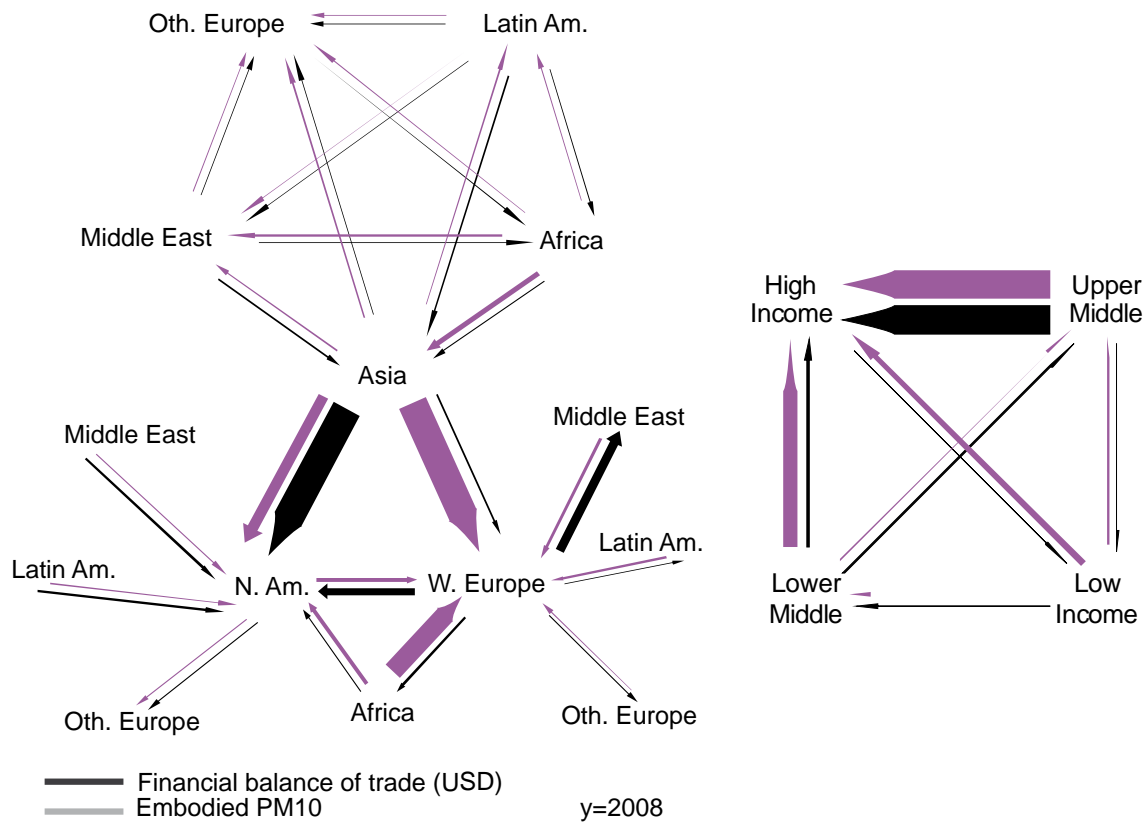


Fig. 16: Inter-regional balance of trade in terms of financial flows and in terms of embodied air pollution (PM10)