

Appendix 1.

Distant interactions	Trends
Trade of goods and products	Global agricultural exports have increased from about 3.5 billion USD in 1961-63 to about 110 billion USD in 2009 (FAO 2012)
Development investment	Global Foreign Direct Investment (FDI) flows rose from 400 billion USD in 1995 to over 1,500 billion USD in 2011 (UNCTAD 2012).
Transnational land tenure transfer	Between 2000 and 2009, the amount of land involved in transnational land deals each year increased from 3 million hectares to approximately 30 million hectares (Anseeuw et al. 2012). Land deals subsequently declined in 2010 to roughly 8 million hectares (Anseeuw et al. 2012).
Conservation investment	Bilateral flows of Overseas Development Assistance (ODA) for forest conservation went from 600-900 million USD in the late 1980s to more than 1 billion USD in 1990-92 before declining to the previous amount by the late 1990s (Molnar et al. 2004). Multilateral flows were 500-700 million USD in the late 1980s, over 1 billion USD in 1990-92, and below 400 million USD in the mid 1990s (Molnar et al. 2004). Total ODA funding for forest conservation in the period of 2005-2007 was similar at 700 million USD (Lawlor and Olander 2009).
Human migration	Cities gain an estimated 60 million people per year - over 1 million every week. In many developing countries, populations in cities are growing two or three times faster than the total population. About 5 billion people are predicted to live in cities by 2030 (61% of the global population) (Hinrichsen 2010). Most of the population increases are due to rural-urban migration.
Tourism	The number of global international tourists increased from under 100 million in 1960 to over 900 million in 2005 (World Tourism Organization 2009).
Waste transfer	The U.S. exports of waste increased from 5 billion USD in 2000 to over 30 billion USD in 2011 (Editorial Code and Data Inc. 2012).
Species invasion	The number of introduced species per year in Europe jumped by 300% for plant species and 600% for invertebrates and mammals between 1800-1850 and 1975-2000 (Hulme 2009).
Transportation	Air freight travel worldwide has nearly doubled from 1990 to 2004 (European Environment Agency 2007).

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