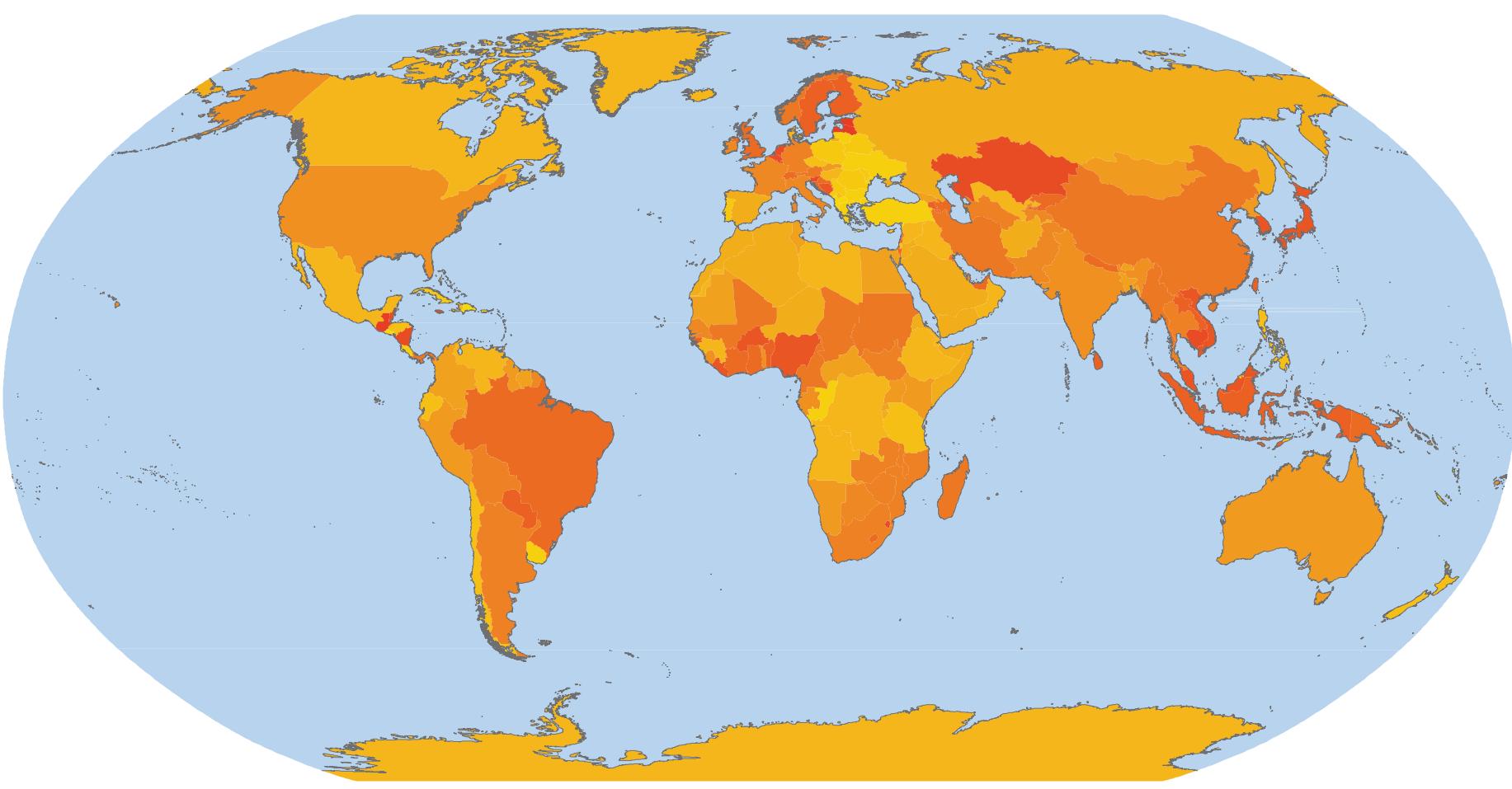
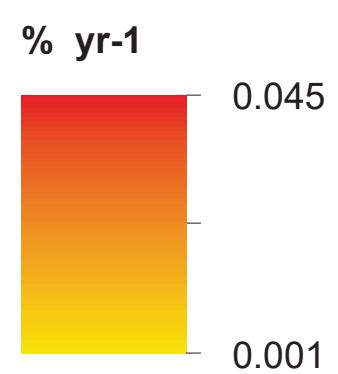
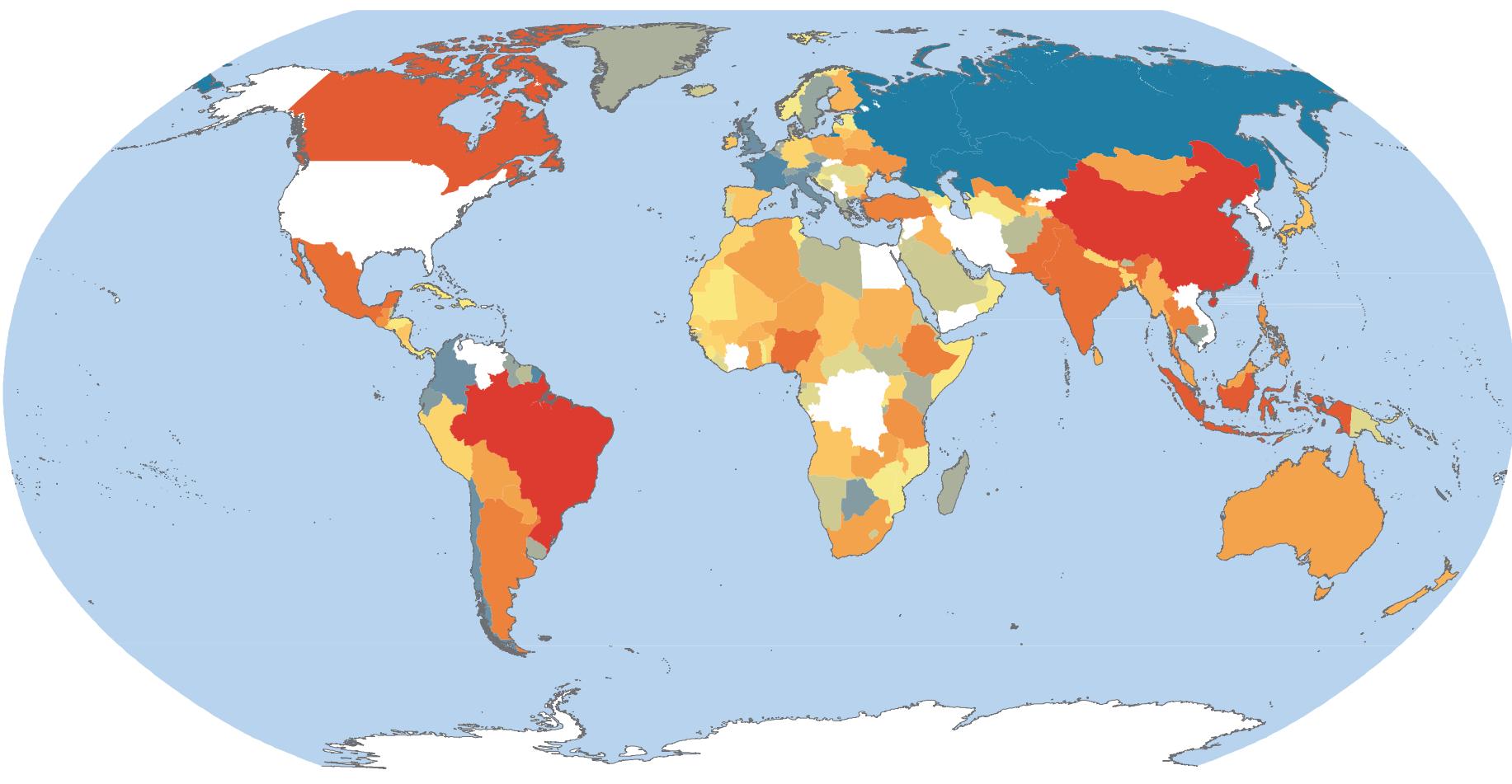
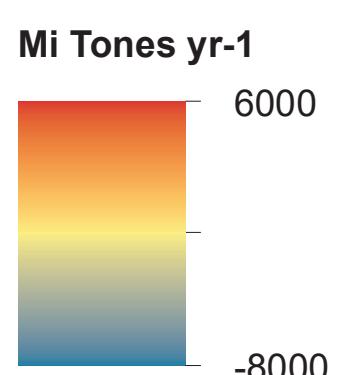


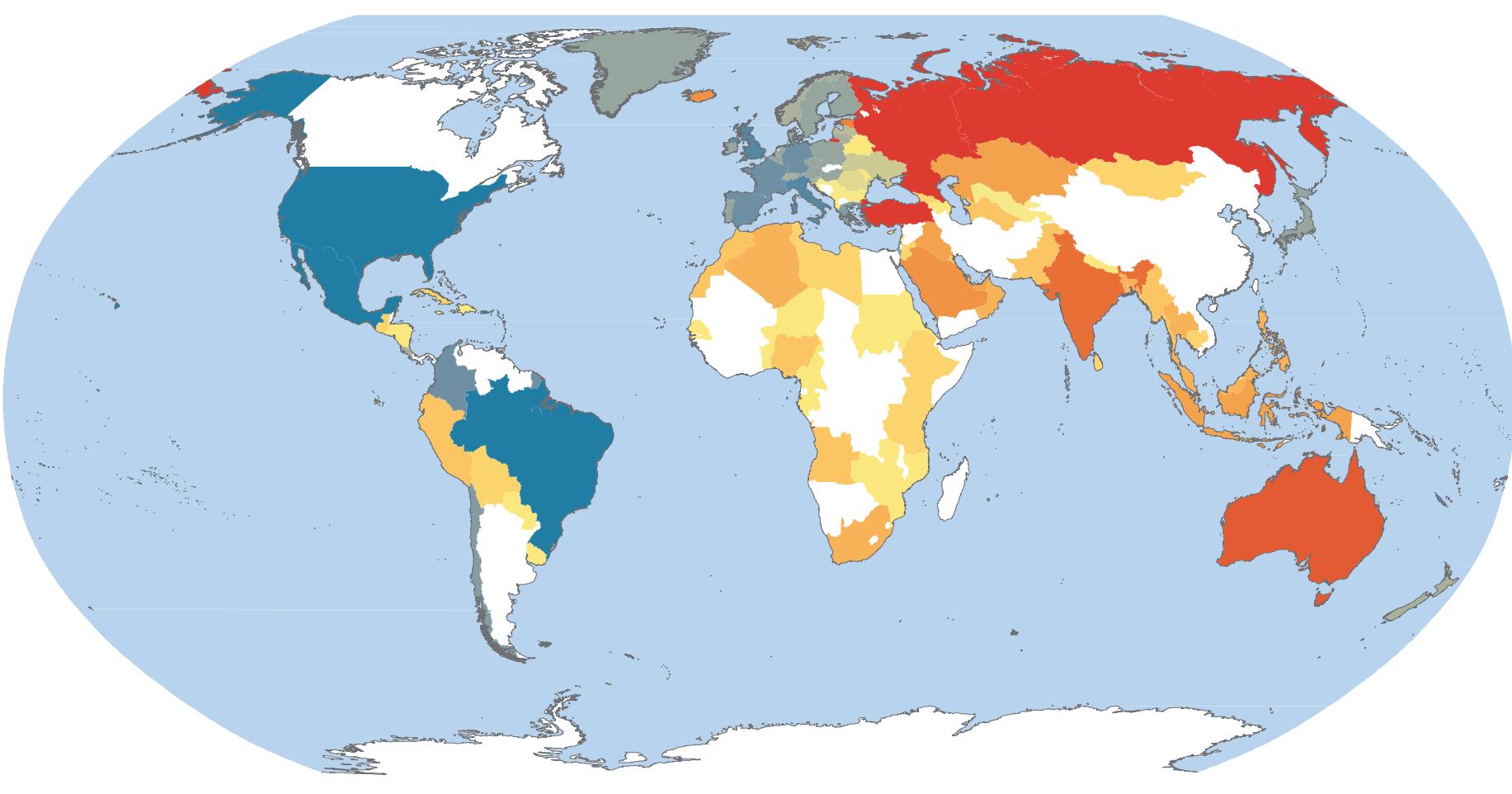
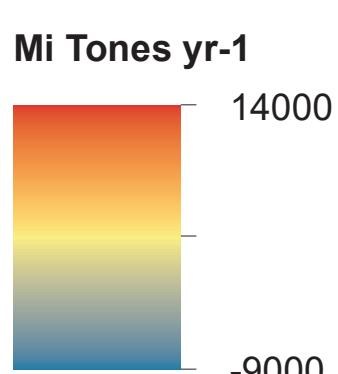
Land use change 1992-2015
Changes in the proportion of urban and cultivated areas



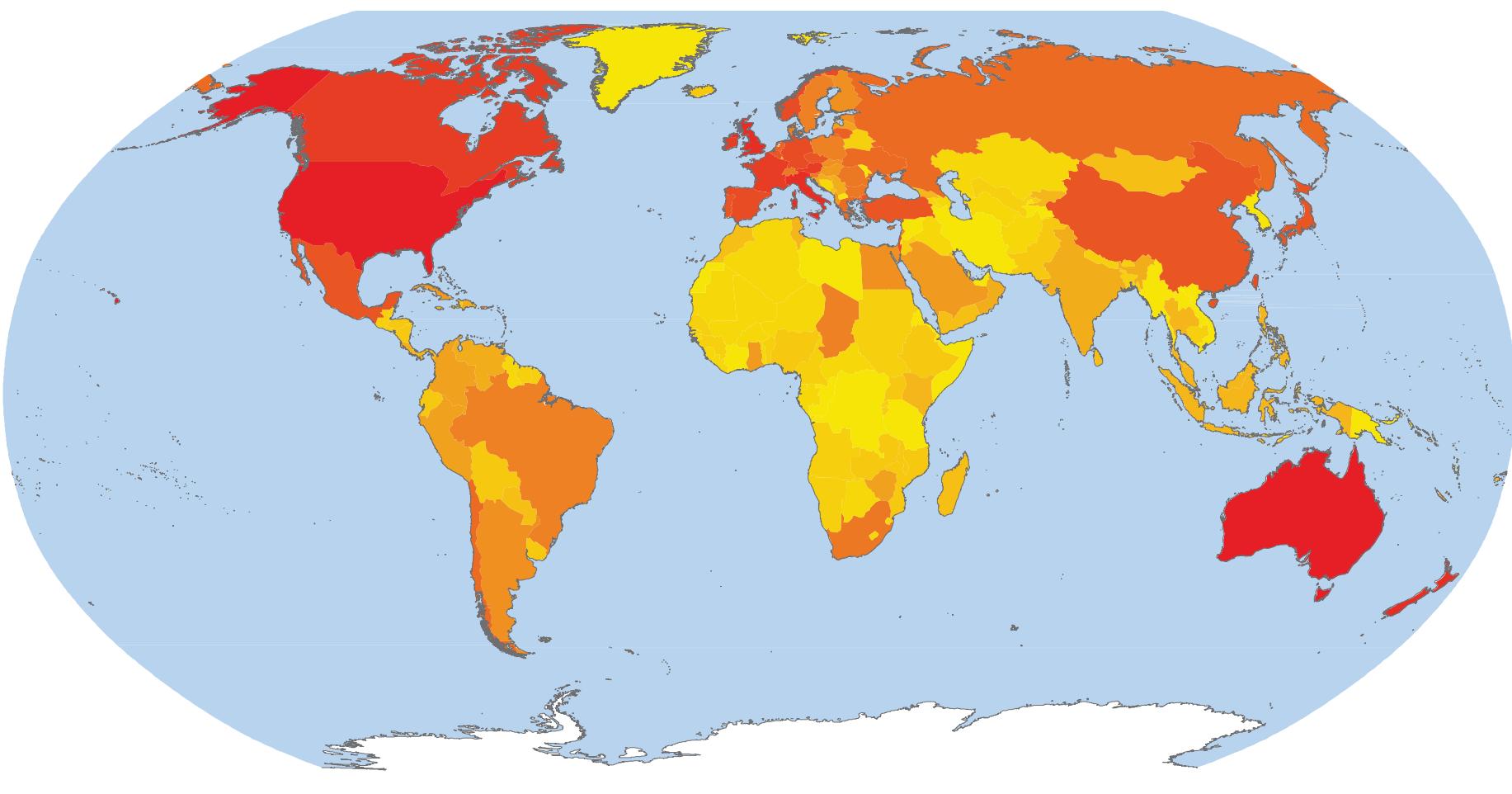
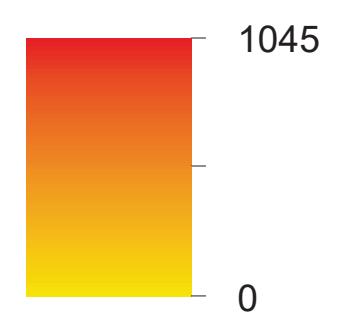
Resource extraction 1980-2013
Changes in total resource extraction in million tons per year



Pollution 1980-2015
Changes in Greenhouse gas emissions in Tons of CO2 equivalent.



Alien species 1950-2000
Relative changes in cumulative number of records of alien species



Climate change 1950-2015
Changes in mean annual temperature in degree celsius

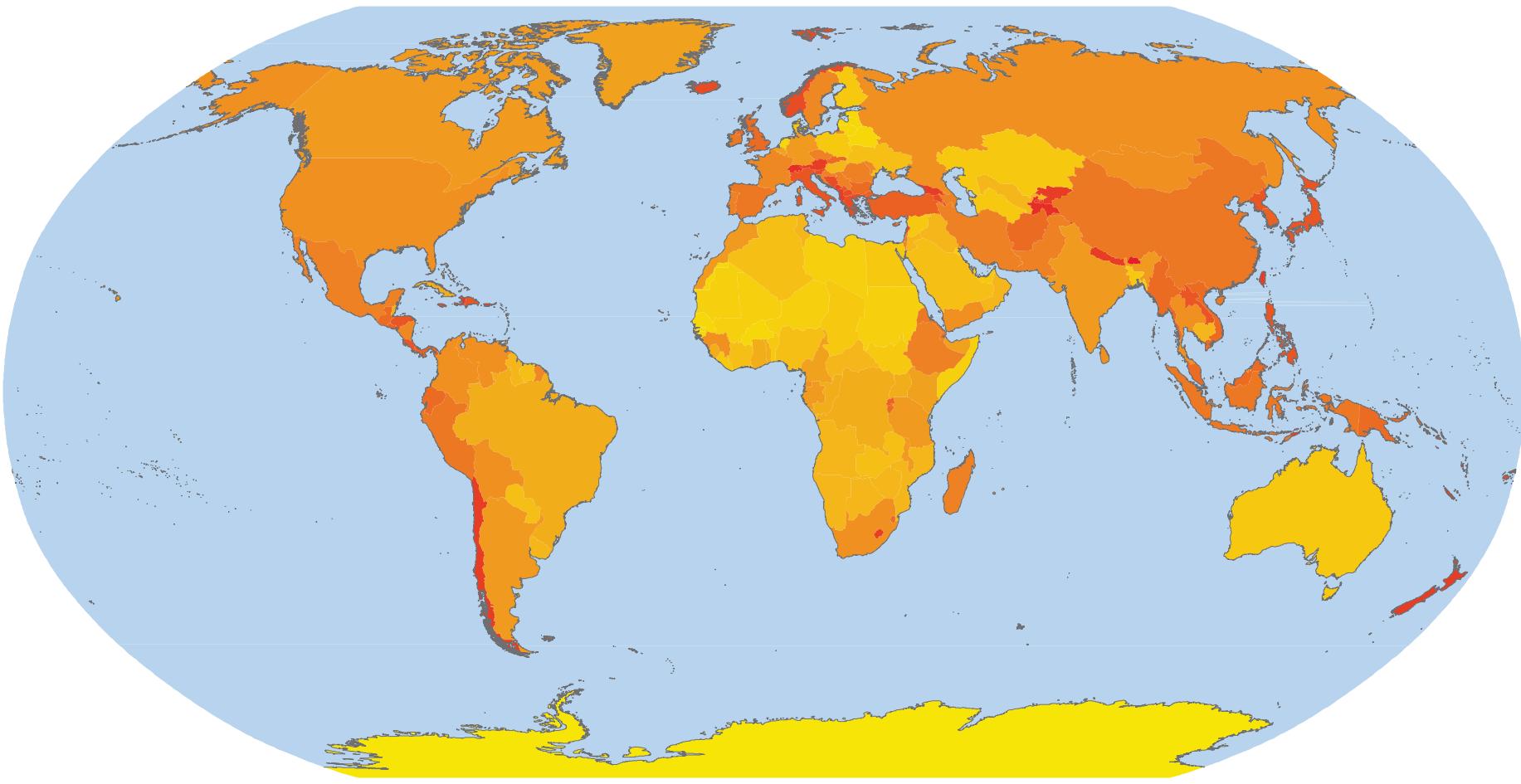
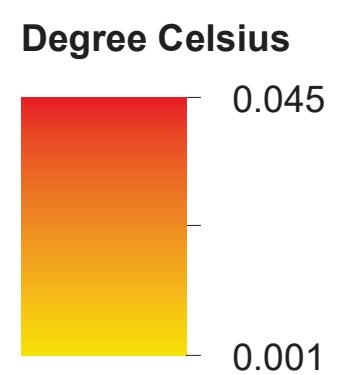


Fig. 15. Temporal trends per country for direct drivers.

Countries shown in white (or gray) are those for which temporal data for the corresponding period:
A) Land use change 1992-2015: changes in the proportion of urban and cultivated areas within each country calculated using country area data and Global Cover data (see Nature chapter for further details);
B) Resource extraction 1980-2013: changes in total resource extraction in million tons per year;
C) Pollution 1980-2015: changes in Greenhouse gas (CO₂, CH₄, N₂O, CFCs, HFCs, PFCs, SF₆, NF₃) emissions in Tons of CO₂ equivalent;
D) Alien species 1950-2000: relative changes in cumulative number of records of alien species 1950-2000;
E) Climate change 1950-2015: changes in mean annual temperature in degree celsius using Chelsa Climate Data.
(Hijmans et al., 2005; OECD, 2018a; Ritchie & Roser, 2018; Seebens et al., 2018; World Bank, 2018; WU, 2015 and for specific methods for these calculations see supplemental information)