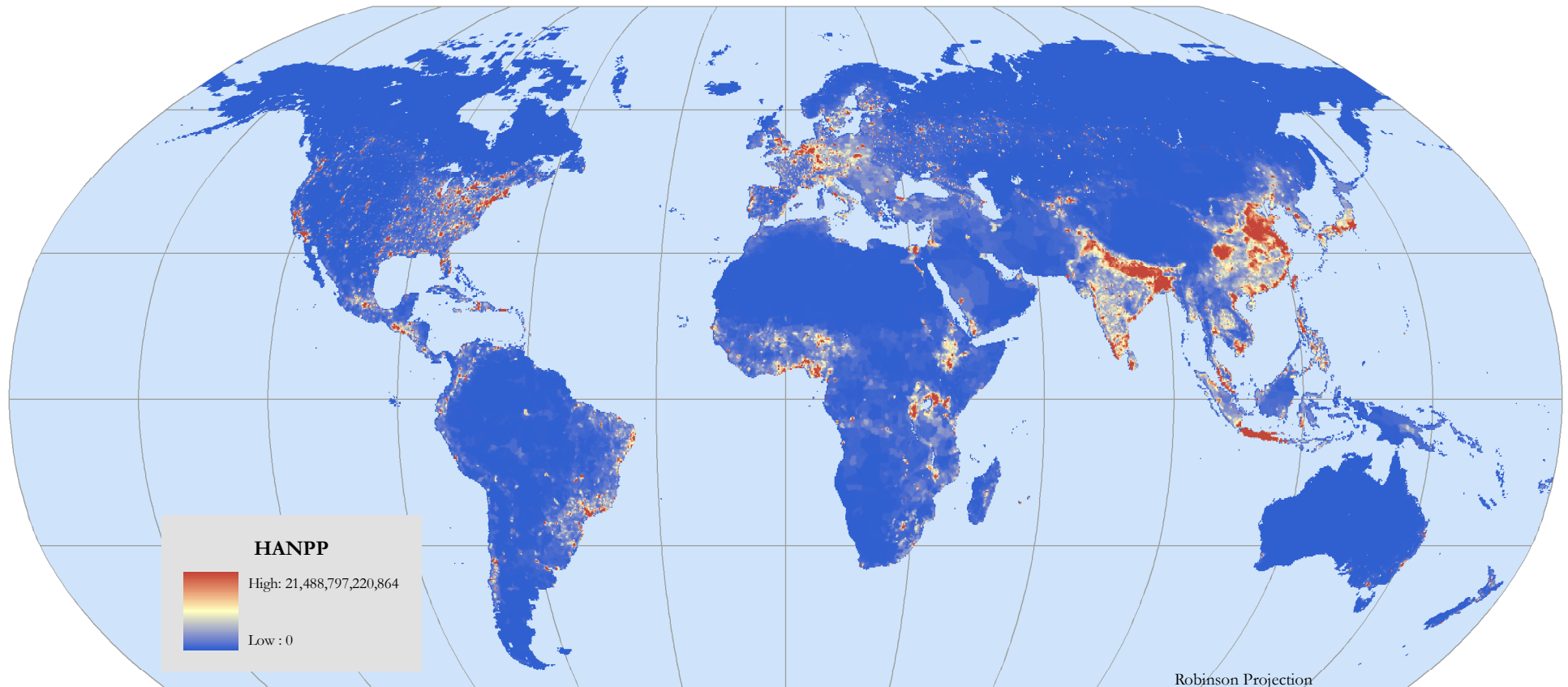


Human Appropriation of Net Primary Productivity (HANPP) (in grams of carbon)



To construct the HANPP map (the amount of carbon required to derive food and fibre products consumed by humans - including organic matter that is lost during harvesting and processing), the authors utilized data from the Food and Agriculture Organization (FAO) of the United Nations on products consumed in 1995 for 230 countries in seven categories: vegetal foods, meat, milk, eggs, wood, paper, and fiber. All calculations use the “domestic supply” quantity for all FAOSTAT country-level sums (i.e., production in country + imports – exports). They then calculated the per capita HANPP of each country and applied these values to SEDAC's Gridded Population of the World v.2 (GPW) resampled to correspond to the quarter-degree spatial resolution of the NPP data

Source:

Imhoff ML, Bounoua I, Ricketts T, Loucks C, Harris R, Lawrence WT (2004) Global patterns in human consumption of net primary production. *Nature* 429:870–873



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