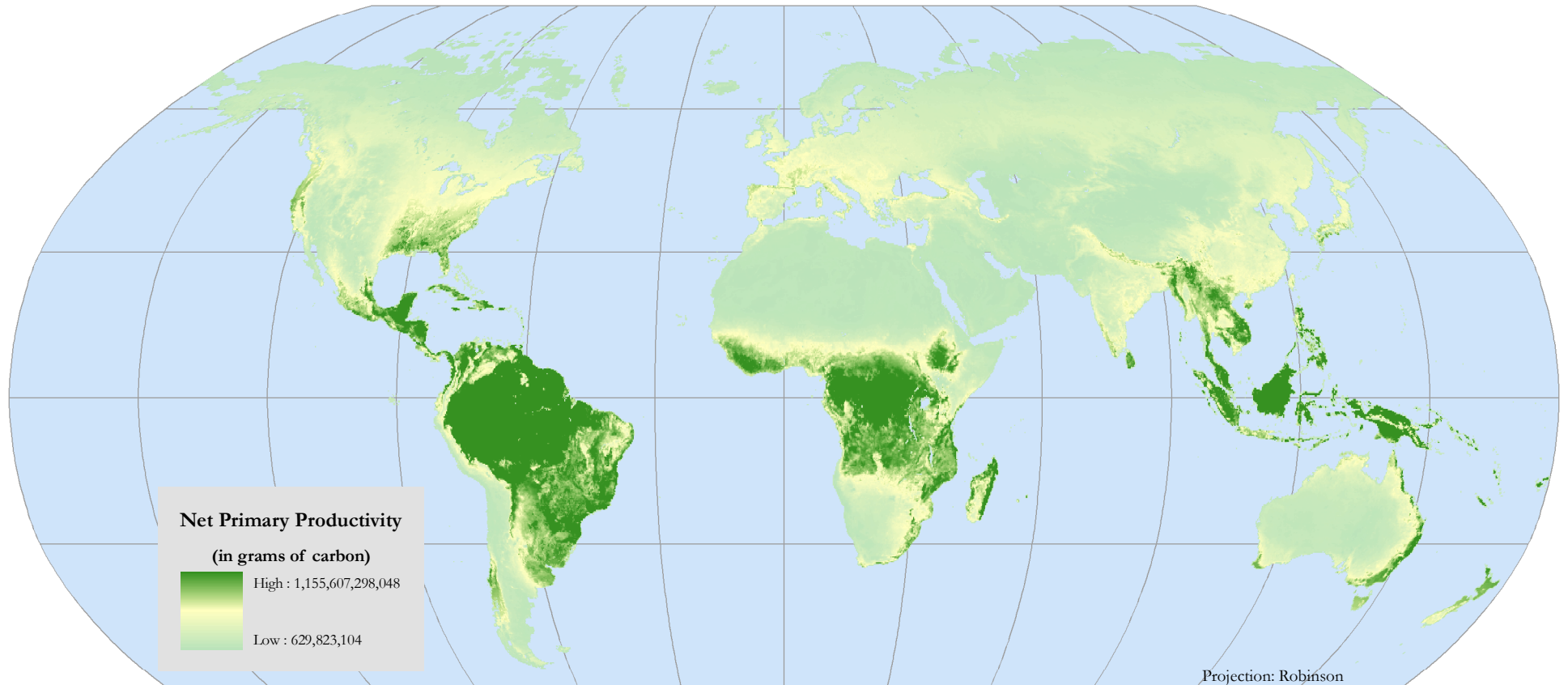


Spatial Distribution of Net Primary Productivity (in grams of carbon)



To construct the estimated Net Primary Productivity (NPP) map (the amount of carbon produced by ecosystems per quarter-degree grid cell), the authors used the Carnegie Ames Stanford Approach carbon model. The model incorporates satellite and climate data to estimate the fixation and release of carbon based on a spatially and temporally resolved prediction of NPP in a steady state.

Source:

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



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