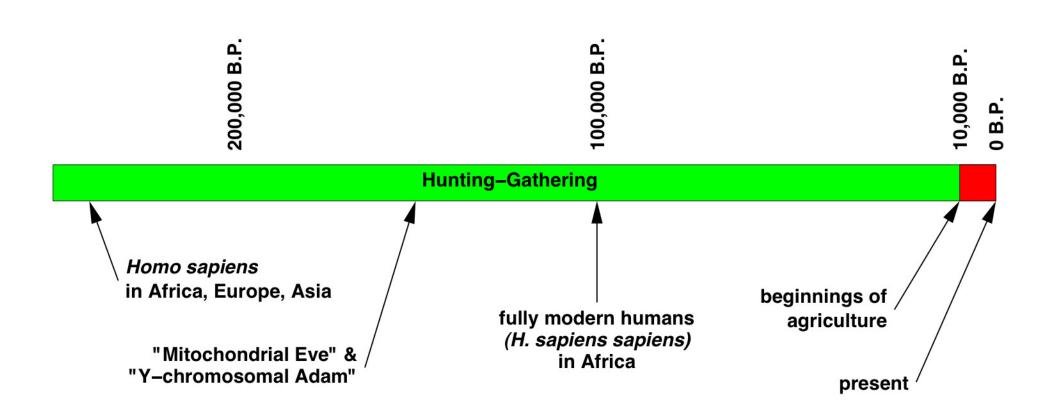
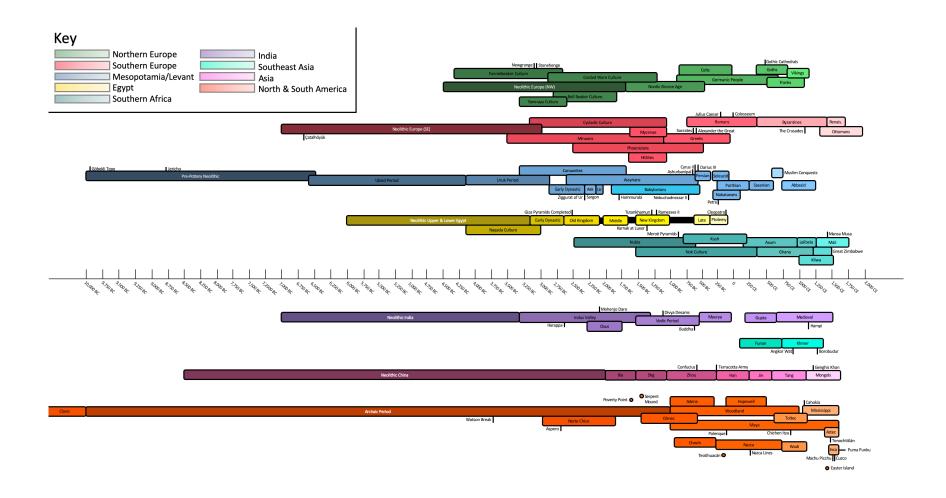
Expansion of Human Ecological Impacts

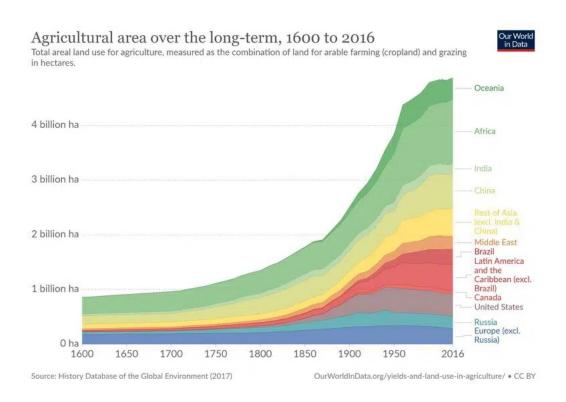
Global Ecological Transformation Begins with Agriculture



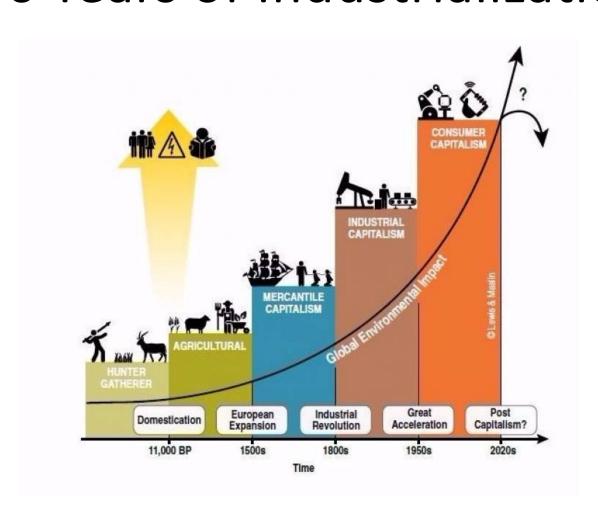
Agriculture Facilitates Civilizations



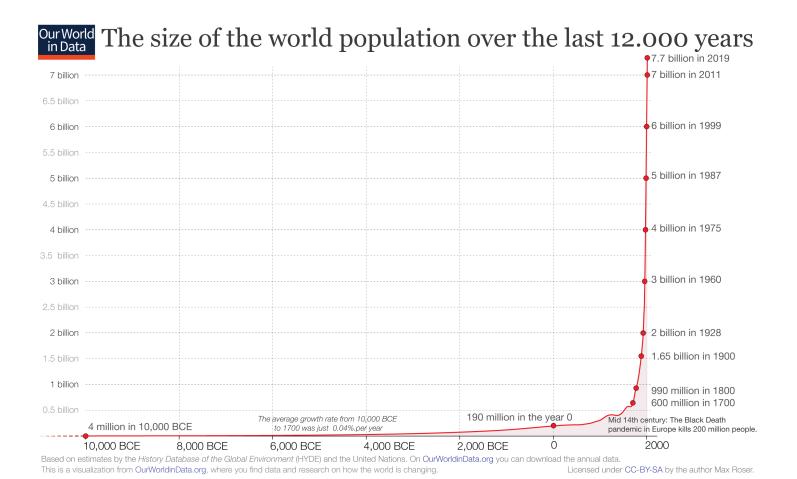
Agriculture Replaces Ecosystems



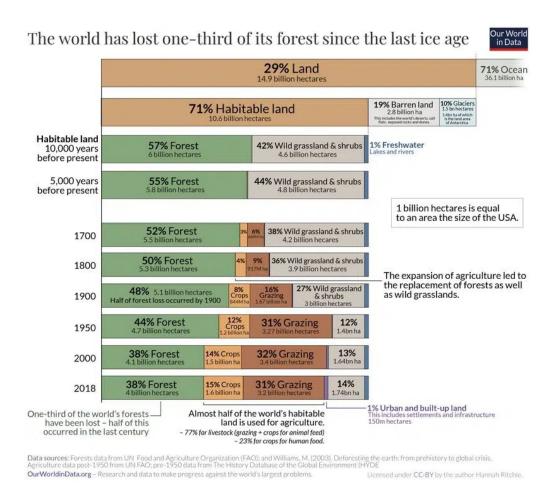
10,000 Years of Agriculture 250 Years of Industrialization



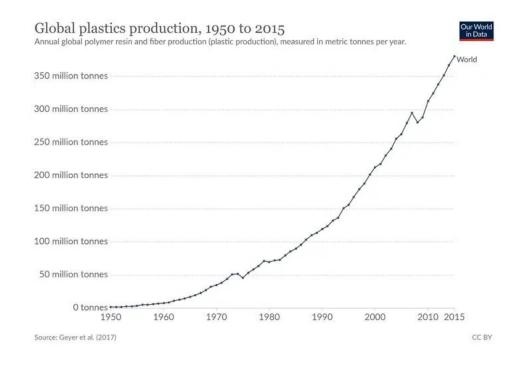
Human Population Expansion



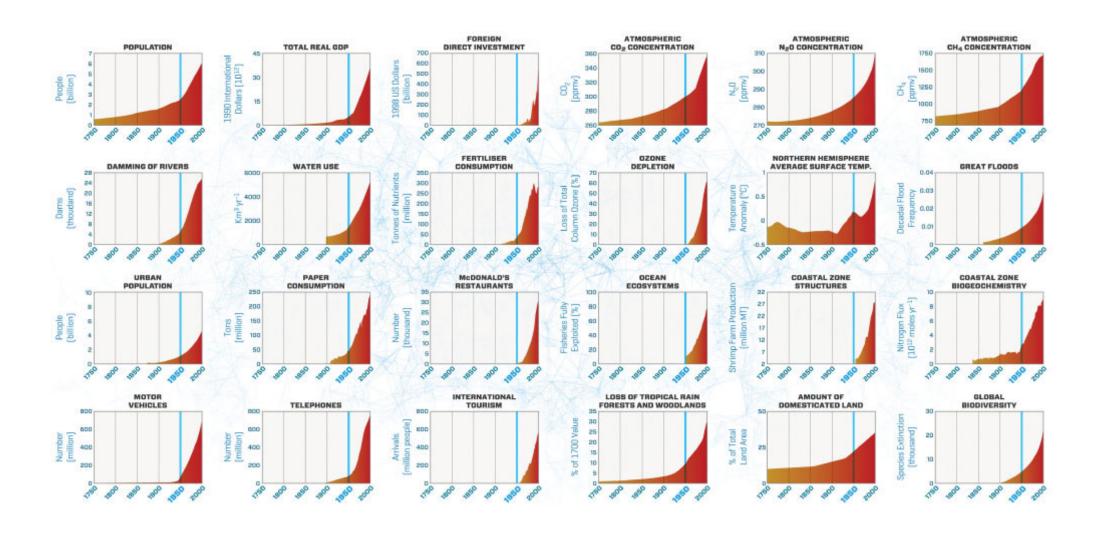
Agriculture and Industry Reduce Forests



Post-WWII Expansion of Production



1950-Present: The Great Acceleration



Biodiversity Loss

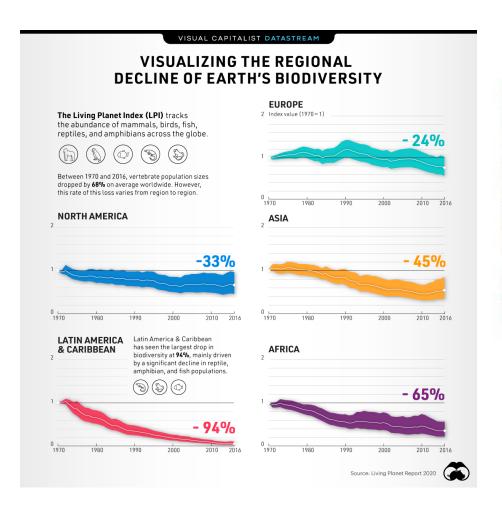


Figure 3: The global Living Planet Index (1970 to 2018)

The average change in relative abundance of 31,821 populations, representing 5,230 species monitored across the globe, was a decline of 69%. The white line shows the index values and the shaded areas represent the statistical certainty surrounding the trend (95% statistical certainty, range 63% to 75%). Source: WWF/ZSL (2022)¹⁸⁴.

