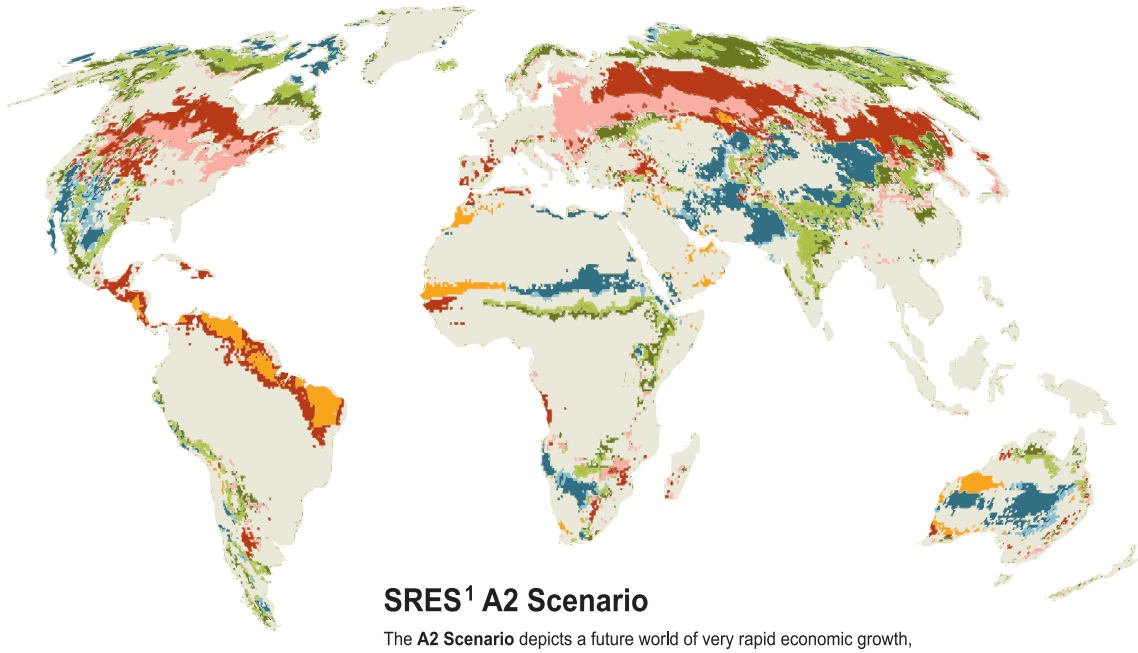
Projected impacts of climate change on terrestrial ecosystems

The projection only takes changing climate constraints into account. Actual vegetation changes will also depend heavily on human land use.

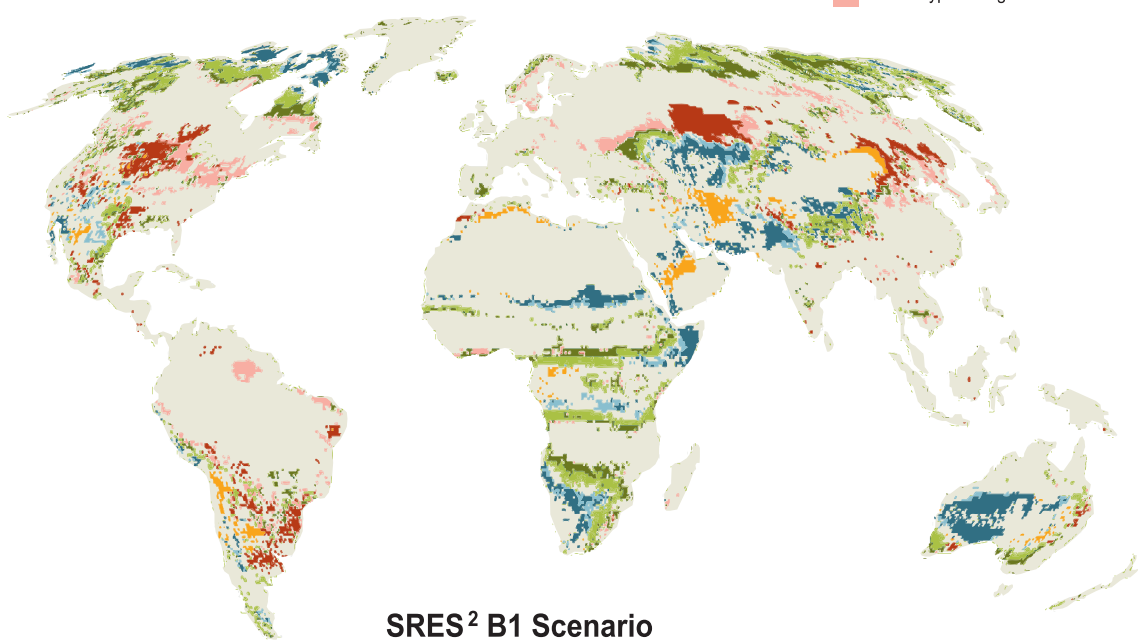


SRES[1] A2 Scenario

The **A2 Scenario** depicts a future world of very rapid economic growth, global population that peaks in mid-century and declines thereafter, and rapid introduction of new and more efficient technologies.

1 - IPCC Special Report on Emissions Scenarios.

- Forest cover gain
- Shrub/woodland cover gain
- Herbaceous cover gain
- Desert amelioration
- Grass/tree cover loss
- Forest/woodland decline
- Forest type change



SRES[2] B1 Scenario

The **B1 Scenario** depicts a world in which the emphasis is on local solutions to economic, social, and environmental sustainability, with continuously increasing population (lower than A2) and intermediate economic development.

Source: IPCC, *Climate Change 2007: Impacts, Adaptation and Vulnerability*.