Integration of multiple biophysical impacts in agro-economic models

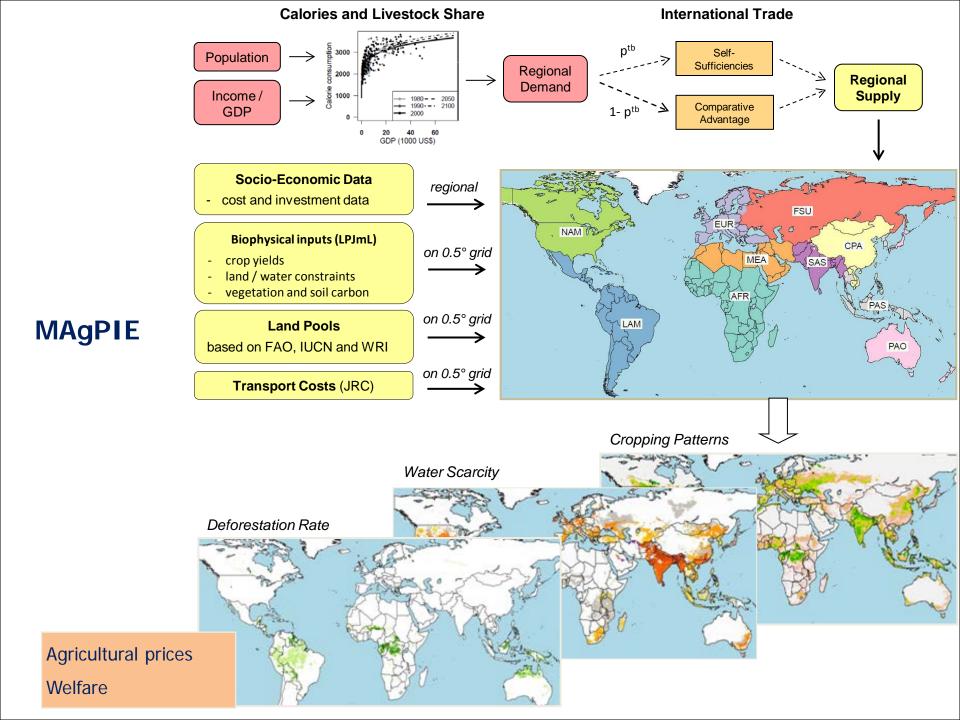
Hermann Lotze-Campen



Potsdam Institute for Climate Impact Research ISI-MIP Workshop, 22 Jun 2016







Integration of multiple biophysical impacts

Different socio-economic pathways (SSPs) combined with CC impacts on...

- Crop yields
- Grassland yields
- Water availability
- Productivity of forests
- Biome changes (e.g. as proxies for biodiversity impacts?)
- Land loss due to sea-level rise
- Fish supply
- Health impacts on labour productivity

Linked to AgMIP Global Economics work

Other agro-economic models with spatial detail:
GLOBIOM, IMPACT, IMAGE-MAGNET