

HUMBOLDT-UNIVERSITÄT ZU BERLIN



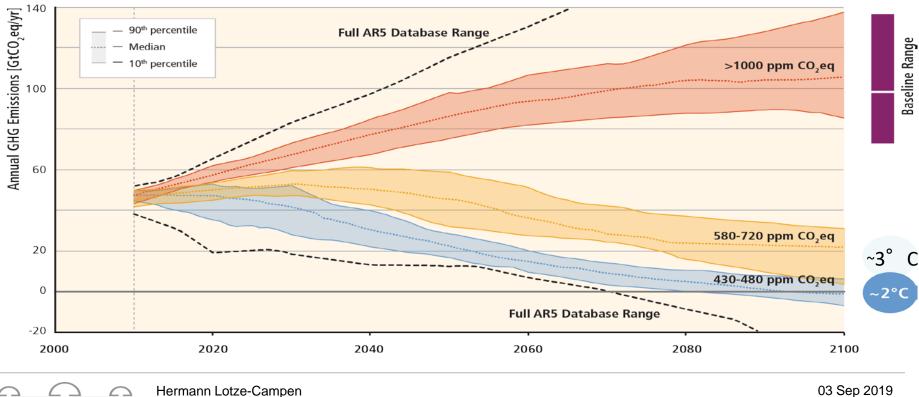
# Policies and interventions for land-based mitigation options

Hermann Lotze-Campen



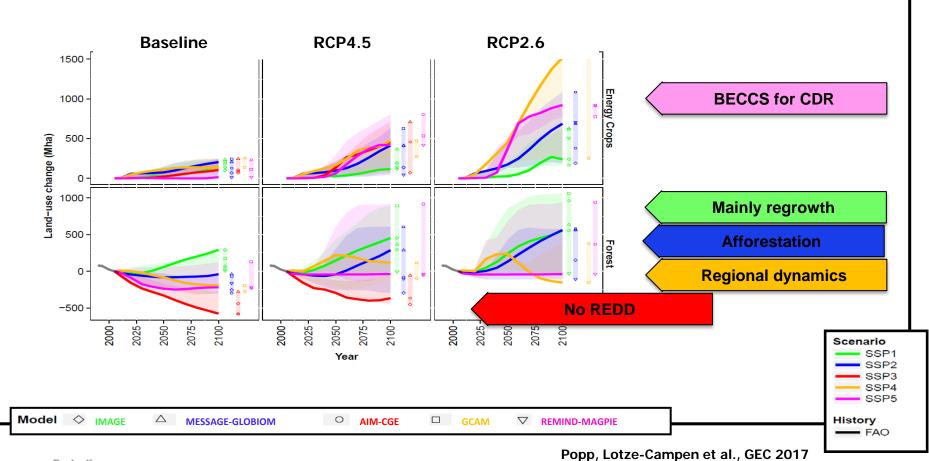
PEP1.5 Symposium 03 Sep 2019

## Stabilization of atmospheric GHG concentration requires deviation from the baseline – independent of mitigation target



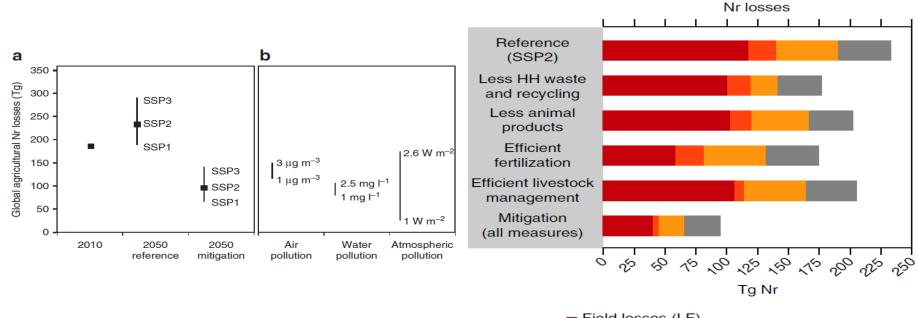
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#### Land demand for land based mitigation





## Nitrogen losses by 2050



- Field losses (LF)
- Animal waste losses (LA)
- Household waste and sewage losses (LH,LS)
- Other destinies (O)

Bodirsky, Lotze-Campen et al., Nature Comm. 2014



03 Sep 2019

## **Policy challenges**

- Linking to current policy instruments
- Coordinating across different governance levels
- Assuring **policy coherence** across policy domains



