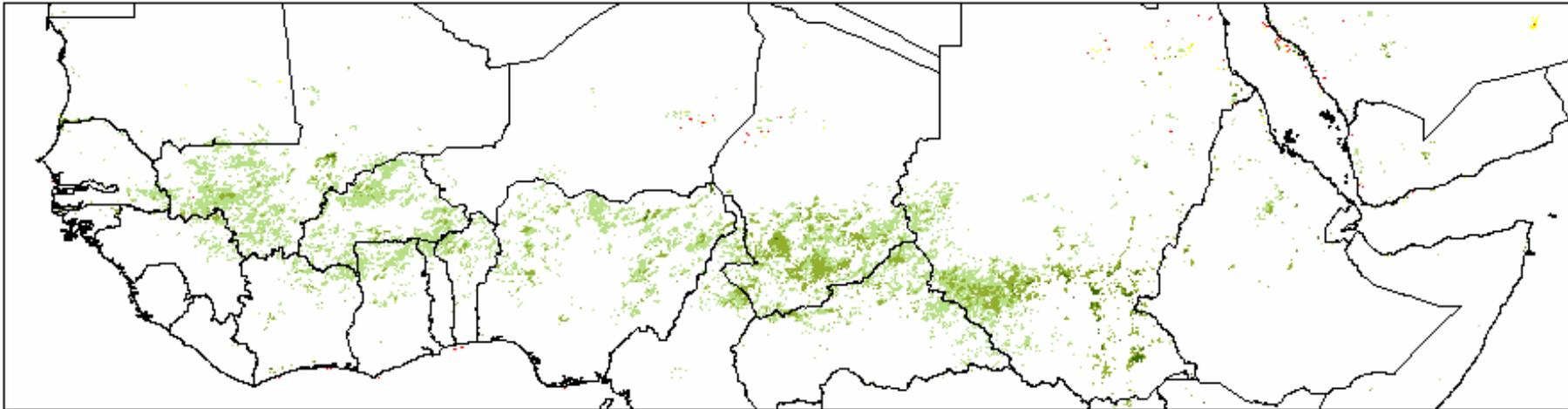


Scale problems

- Problem with compatibility between local case studies and global scale analyses. Why do they not fit?
 - Are either macro or micro scale analyses done wrongly?
 - Do people have different definitions of e.g. deforestation and land degradation? Does the normative character of these terms play a role ?
 - Are the narratives of environmental degradation and deforestation enforced by the choice of case studies (everybody is looking for degradation and deforestation)?
- Perhaps not a real scale problem but a problem of selecting sites and approach in local case studies
- Real scale problems: Can concepts and indicators be applied across scales ?

Change in iNDVI (=NPP) 1982-2000



Adaptation to climate change

- Hard to distinguish (adaptation to /coping with) climate variability and change.
- Is it possible to separate adaptation to CC from adaptation to all sorts of other things?
- Adaptation of agriculture to CC is especially difficult to analyse in countries where the 'yield gap' is very large.
- Economists claim that market integration is the only answer to achieve climate adaptation

Descriptive/normative approaches in GLP research ?

- Geophysical and crop physiological aspects of global change processes may be dealt with in a purely descriptive manner, while normative elements are unavoidable when dealing with socio-economic aspects.
- Are normative elements inherent in the very basis of GLP ? Yes, GLP has its own normative basis and discourses, but open for redefinition of approaches.
- Normative terminology ('land degradation', 'deforestation') is widespread in GLP and may cause bias. Terms are used/interpreted differently at the policy level, among scientists with different backgrounds and by local farmers in the Sahel or SE Asia.

Implications for research design in GLP

- Problem that:
 - Themes and locations of case studies may be biased
 - LUCC-type meta studies tend to reproduce results of case studies
- Perhaps there is a need for larger empirical studies with a randomized selection of study areas, standardized classification schemes and analysis protocols, and a spatial hierarchical/nested structure: Challenge to GLP