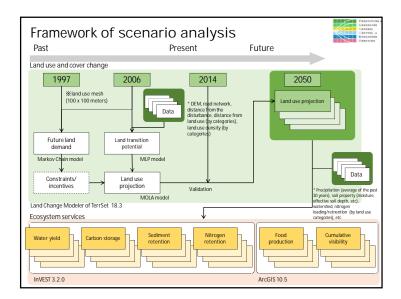
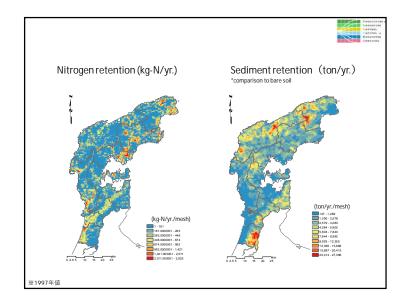
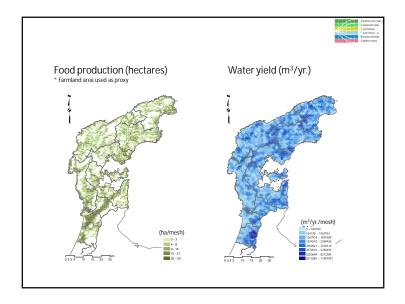
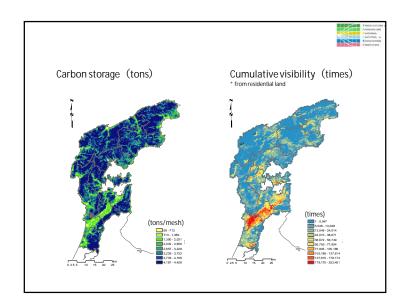


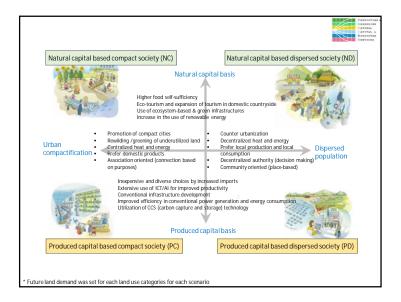
## 

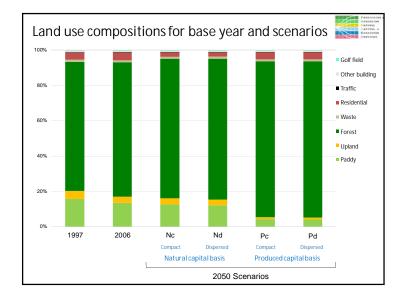


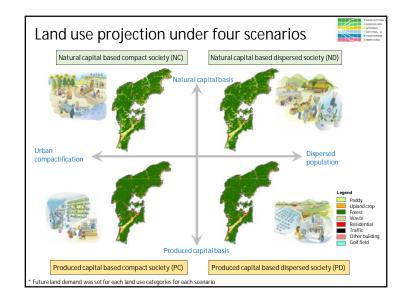


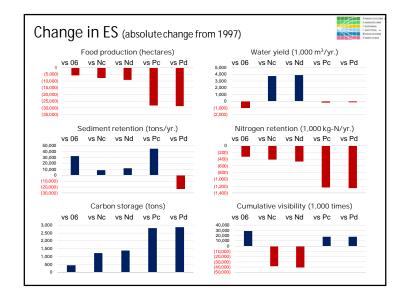












## Conclusion



- For all the four scenarios, food provision, nitrogen retention decreased while carbon storage increased in exchange
  - Due to the loss of farmland and the expansion of forest
- Water yield and sediment retention increased slightly under natural capital scenarios while cumulative visibilities increased under produced capital scenarios
- Population distribution did not exhibit significant differences in the provision of ecosystem services in our analyses
- Future work
  - Detailed municipal and mesh-scale analysis of changes in ES
  - Expansion of ecosystem service categories for scenario analysis such as recreation
  - Analysis of the implication on biodiversity