



GloFoodS: transitions to global food security. Governing by models: land use models as tools for governing food security (GOSAMO)

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GloFoodS: Transitions to Global Food Security

GOVERNING BY MODELS: LAND USE MODELS AS TOOLS FOR GOVERNING FOOD SECURITY (GOSAMO)

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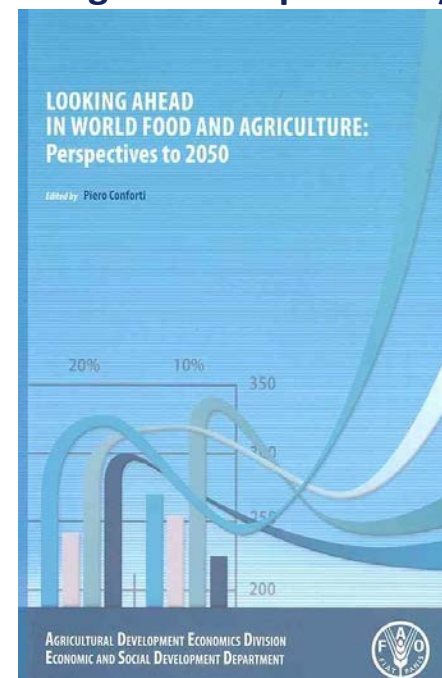


VERSAILLES, FEBRUARY 1-2, 2018

INTERNATIONAL WORKSHOP
ON INRA'S METAPROGRAMS

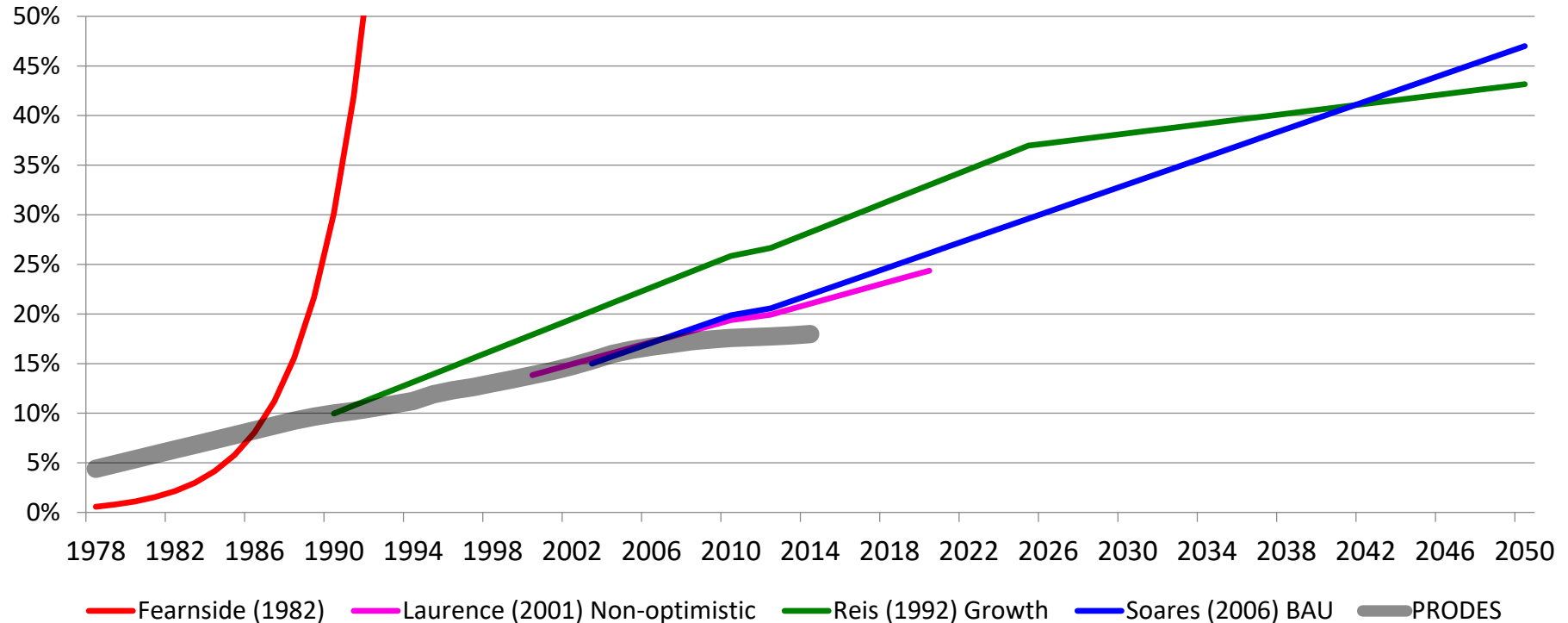


- I. **GloFoodS question: How does food security governance affect agricultural practices and land use?**
- II. **The GOSAMO question : How do models and metrics (of land use and agricultural practices) affect the governance of food security?**
 - I. Instruments of knowledge (intra-disciplinary critique)
 - II. Instruments of public action (inter-disciplinary critique)
- III. **Approach:**
 - I. 3 workshops with S. African and Brazilian Associated Partners (2015-2016)
 - II. 2 Masters Theses (2015-2016)
 - III. Researcher Exchange between France and Brazil (2017)

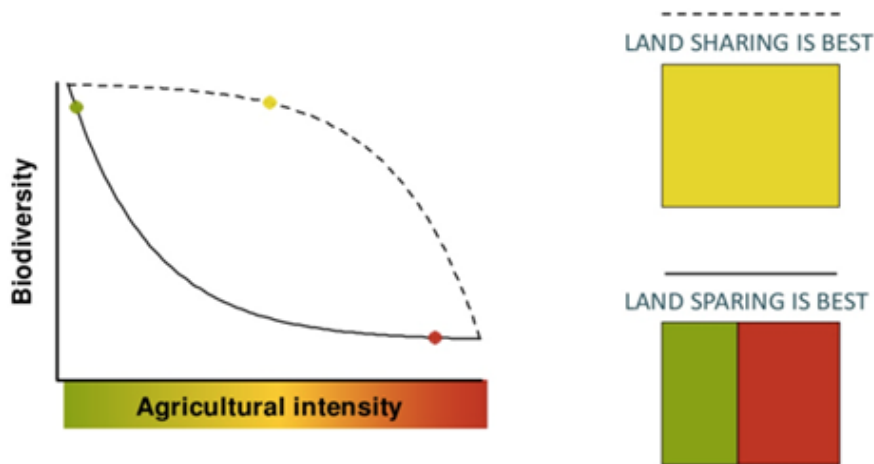


I. Results : Models as instruments of knowledge (intra-disciplinary critique)

Deforestation scenarios for the Amazon are **RIGHT**, when proven **WRONG**



I. Results : Models as instruments of public action (inter-disciplinary critique)



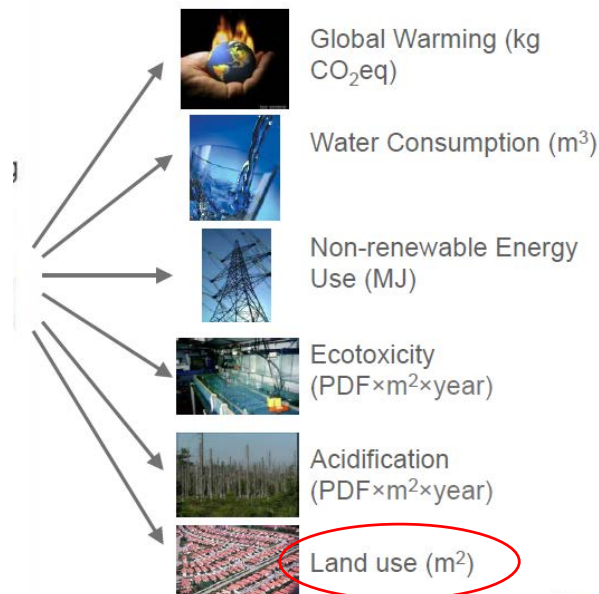
Source: Green et al., 2005

Cites:

'area saved by yield increase' (Borlaug, 1985: 392)

'sparing land for nature' (Waggoner, 1994)

Different aspects of the environment
are taken into account



June 8th, 2011

6 Nestlé Research



Source: Nestlé Eco-Design Tool (Schenker, 2011)

I. Future Directions



FormaSciences



À l'initiative du

École-chercheurs

10 YFP SFS Core Initiative on Biodiversity

- What Success Looks Like: We want to
 - demonstrate feasibility to take biodiversity into account
 - simplify & operationalize biodiversity assessments for business & policy making
 - identify gaps / open questions / issues to further work
- Multi stakeholder initiative with very broad participation
- Three workstreams on which we focus
 - Methods and data for biodiversity assessments
 - Monetization & natural capital
 - Guidance and standards used for biodiversity communication



ETH zürich



Life Cycle Initiative



June 21st 2017

1

Urs Schenker, Nestlé Research



MUSÉUM
NATIONAL D'HISTOIRE NATURELLE



INRA
SCIENCE & IMPACT



2018 Summer Institute on Critical Studies of Environmental Governance

Call for Applications

Applications are currently being accepted for the Summer Institute on Critical Studies of Environmental Governance - Metrics of sustainability: Critical studies of sites, practices, and performances of accountability in environmental governance to be held at the University of Toronto July 12-16, 2018.

We welcome applications from advanced doctoral students (i.e., advanced to candidacy, completed data collection, and actively writing) and junior scholars who received a Ph.D. after May 2015, working in the social sciences, law, humanities, and other relevant disciplines. The Institute will reimburse travel expenses up to \$1200 (USD) and cover food and lodging for successful applicants.

Deadline: Midnight (EST) on January 31, 2018.

Click Here for Application

Contact

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iWiM 2018

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ON INRA'S METAPROGRAMS

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