

Land Use / Cover Group

Re-evaluating the thoughts of yesterday:

- NPP -> LULC (compare NPP model params with RS params)
 - Phil, Jeff, Jiaguo, Dave
 - mid 2004 (yr 1)
- NPP -> Experts -> LTM_(regional) -> LC -> RAMS
 - includes an evaluation of LTM_(regional) output to 2050
 - bookend scenarios (+/- 1 sd)
 - MCE (relative strength of drivers / country / time period / locale)
 - early 2005 (yr 2)



1st meeting – Sept., 2003

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Re-evaluating the thoughts of yesterday:

- NPP -> Case studies -> Surrogate Variables -> MABEL / LTM (detailed) -> *OUTPUT*
 - *OUTPUT* -> Assessment + Case Studies + RPS + Key Informants
 - *OUTPUT* -> Remotely-sensed biophysical params -> RAMS
 - Future based on past (if inputs decrease, what happens to NPP)
 - Emergent properties = statistical “noise”
 - Resilient properties = continuous, known (e.g. pop increase)
 - Shocks (drought, SAP, Tech, GMO) to system (timing and spatial extent)
 - late 2004 (yr 1)



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Issues (Data, Methods, timing)

- Scaling Up 1 km² -> 40 km²
- Feedback frequency of LC -> RAMS and RAMS -> LC
- Representativeness of case studies
- What are the most appropriate land cover classes (subdivide IGBP LC classes ?)
- Degree of LUC for climate change
 - 10% change – where / when
 - urbanization + VonThuen rings of Ag + deforestation
 - Capitalism
 - Peace
 - How tightly vs loosely coupled



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