Analysis of coupled GHG fluxes in different ecosystems

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Place in ME1

WP6 Communication

WP1 Ecosystem scale observations and modelling

WP3 Manipulation experiment

WP2 Plot scale variability

WP5 Technical innovation

WP4 Regional variability and estimates
Research objectives

- Driving factors and processes
- ...

\[ \text{CH}_4, \text{CO}_2, \text{N}_2\text{O} \]
Research objectives

- Driving factors and processes
- Coupling between GHG’s
- ...
Research objectives

- Driving factors and processes
- Coupling between GHG’s
- Effect of management
- ...
Research objectives

- Driving factors and processes
- Coupling between GHG’s
- Effect of management
- Development of a new N₂O –sensor
- …
Research objectives

- Driving factors and processes
- Coupling between GHG’s
- Effect of management
- Evaluating results of a new N2O sensor
- Modelling as an analysis-tool
Approach

- Data

- Models:
  - SWAPS-C
  - ANIMO
  - Century (?)
  - ... (?)
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