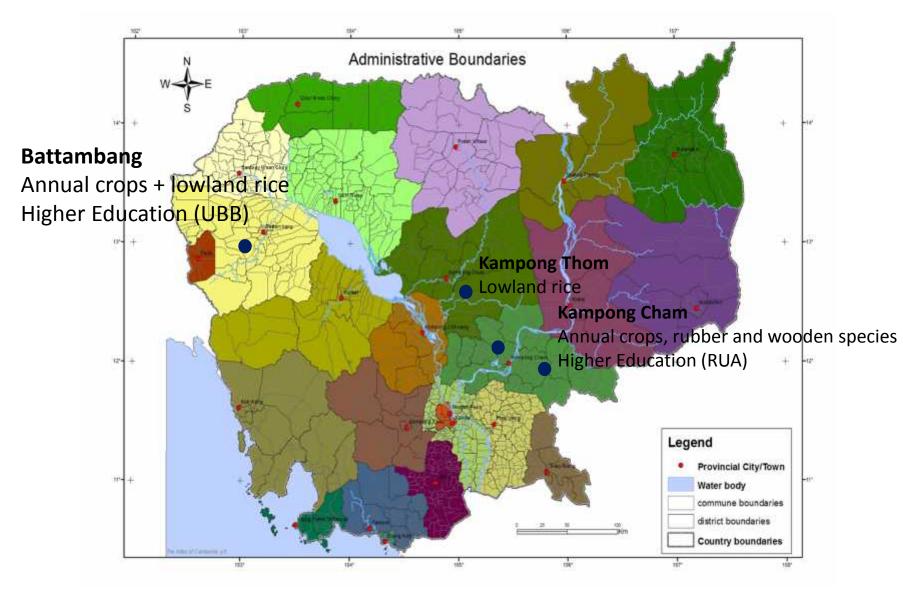


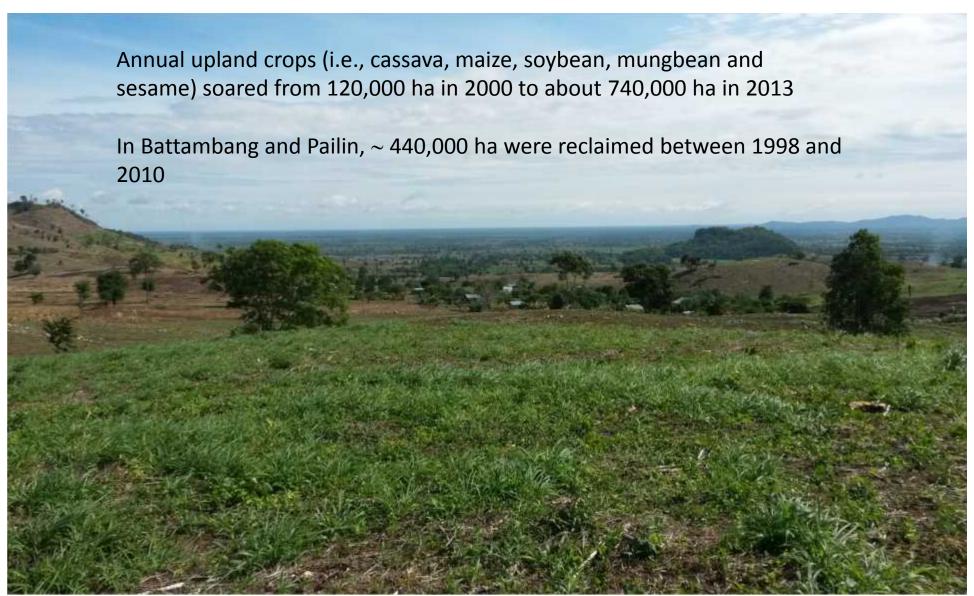
Conservation Agriculture for annual upland crops in Cambodia



Conservation Agriculture Service Center in Cambodia Partnership between the General directorate of agriculture and CIRAD



Battambang, north-western province



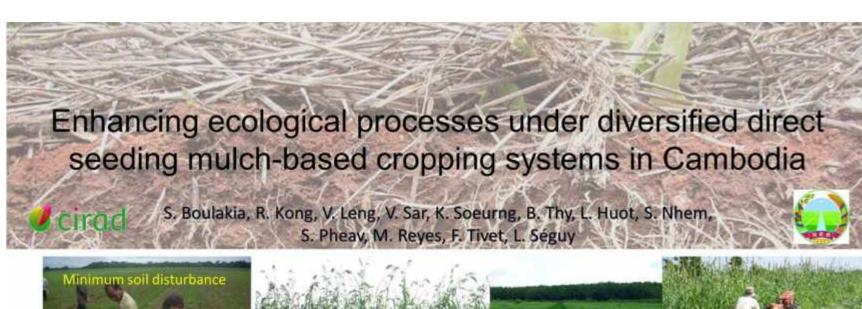




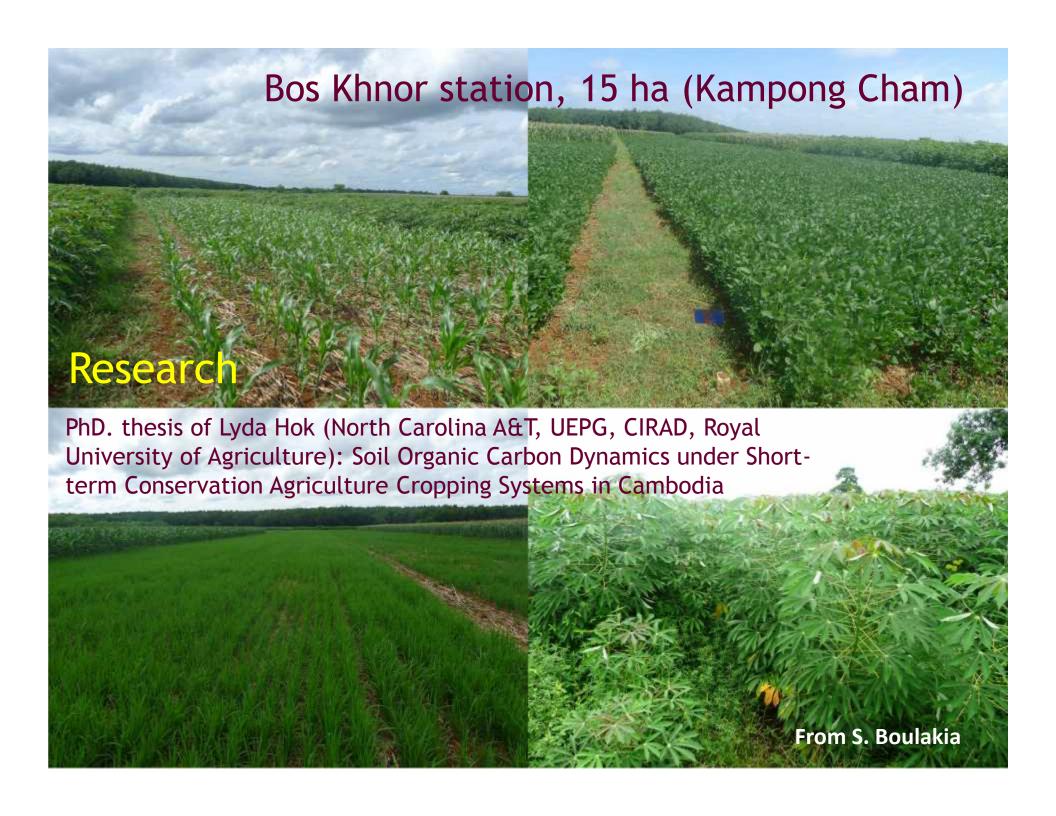
eding mulchpping systems ased on:

- > Minimum soil disturbance
- > Permanent soil cover
- > Diversified cropping systems (rotation, association etc.)
- High biomass production
- A top soil layer of high biological activity
- Permanent recycling process of nutrients (minimizing the losses in the soil-plant system)
- Secondary species connected to deep water









Diversification









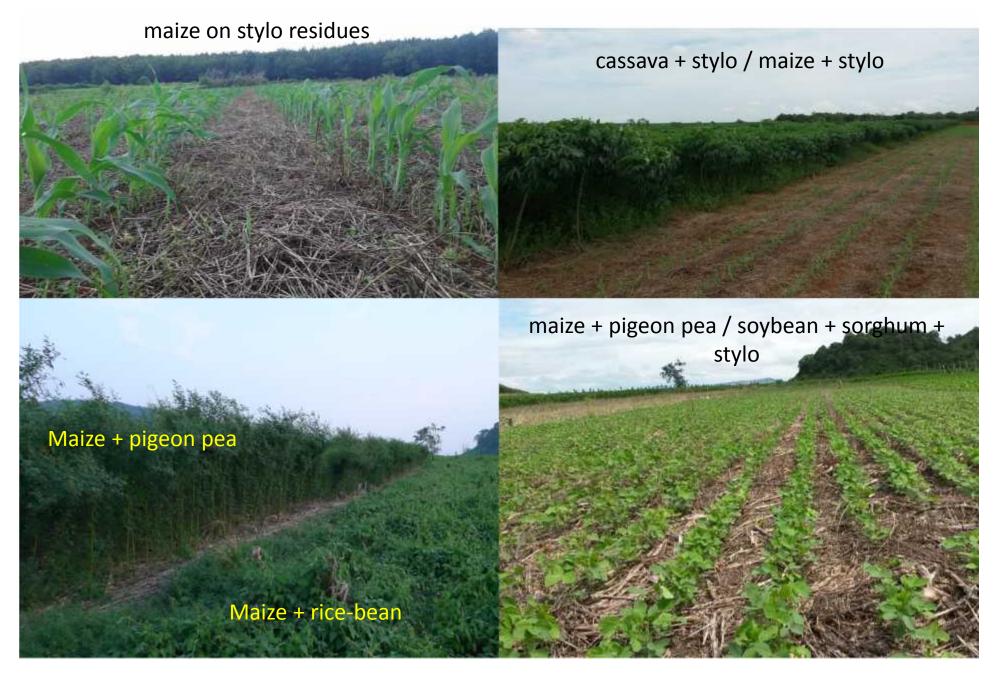
Engineering: cover crops, some of the

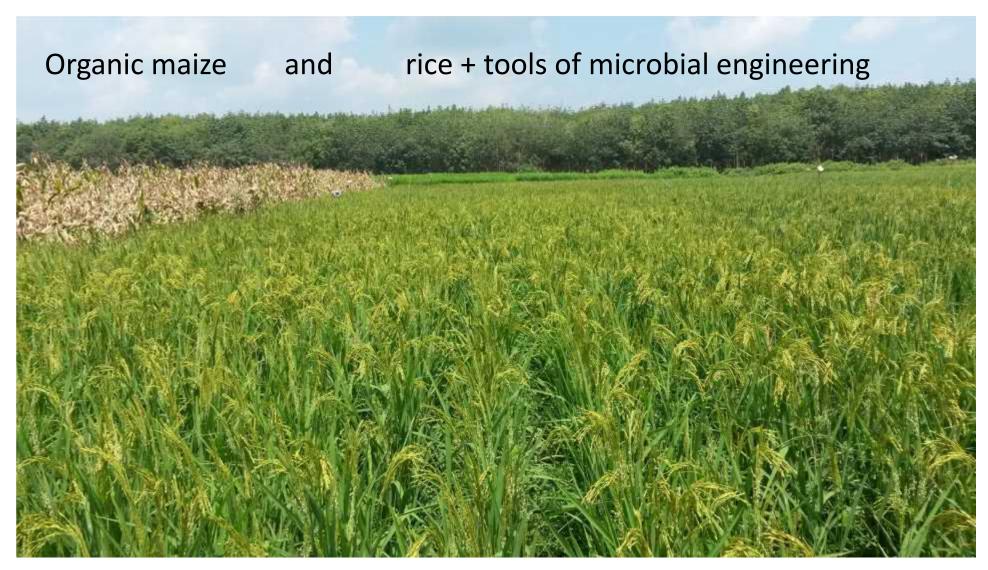






A large range of no-till cropping systems





Stylosanthes guianensis as cover crop for both crops

Stung Chinit, Kampong Thom province Sandy podzolic soil, 80% sand



Farmer's field in Stung Chinit













Machinery for small-scale farming



Reasons for the adoption?



Technical issues: higher yield, saving labor, and profitability





Social, institutional issues: adoption process, enhancing social resilience

An iterative and integrative approach

... to collective learning through a diversity of

