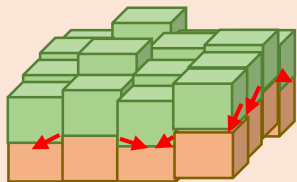
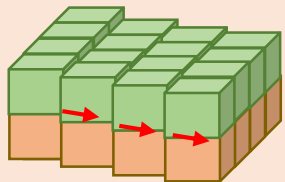
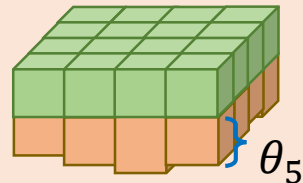
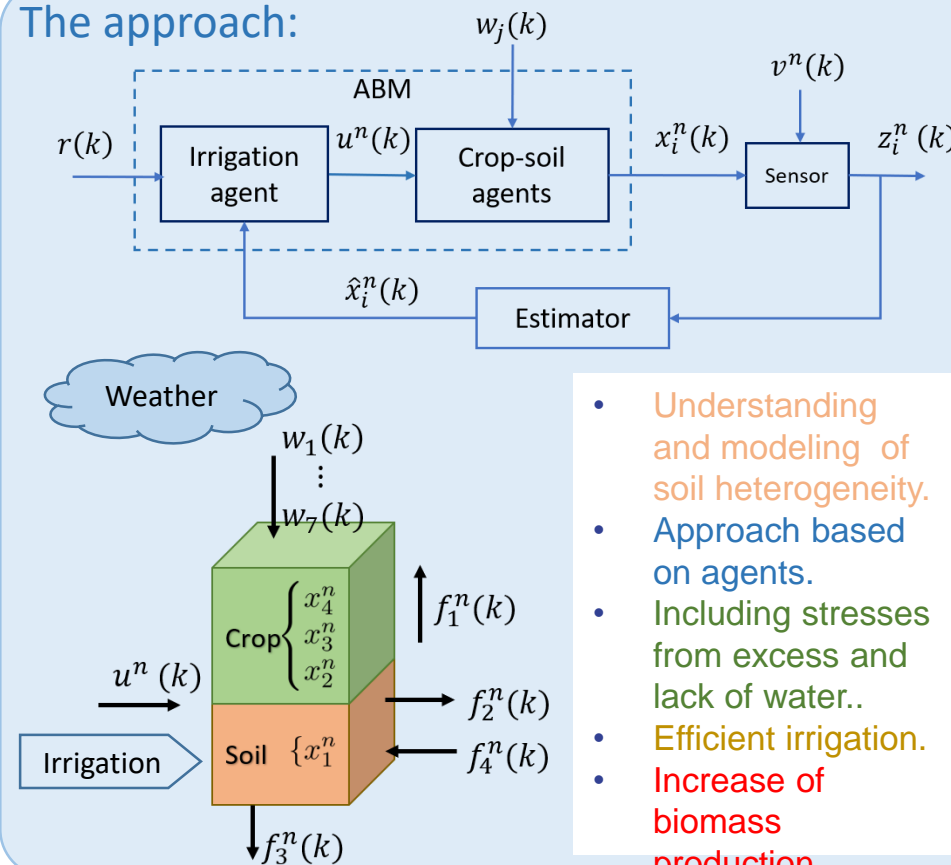


Dynamic Modeling and State Estimation of Agricultural Systems

The problem:



The approach:



- Understanding and modeling of soil heterogeneity.
- Approach based on agents.
- Including stresses from excess and lack of water..
- Efficient irrigation.
- Increase of biomass production.

