- Not yet practical!
  - Distributed and time-varying
  - Examples:
    - Agroecosystems/ biosystems
    - Traffic networks
    - Battlespaces

Deterministic

Partial Differential Equations

Computational methods

- Systems and feedback control
- Observability and Controllability

Stochastic

- Gaussian: LQG, Kalman Filters
- MDPs, RL, GPs,...