Soil moisture and temperature, wind speed, pH, sand%

**STEP** (Mougin et al., 1995)

- Herb biomass
- Faecal biomass
- Soil moisture and temperature

**GENDEC C/N** (Moorhead & Reynolds, 1991)

- Soil NH$_4^+$
- (minus soil NH$_4^+$ absorbed by plants)

**NOflux** (Delon et al., 2007)

- Microbial biomass
- Root biomass
- CO$_2$ flux (respiration)

Meteo forcing: wind speed, global radiation, precipitation, air temperature, relative humidity