

# LANDMARK

LAND MANAGEMENT: ASSESSMENT, RESEARCH, KNOWLEDGE BASE

## Primary Productivity



The capacity of a soil to produce plant biomass for human use, providing food, feed, fiber and fuel within natural or managed ecosystem boundaries.

### Primary Productivity process

Soil is the medium that enables us to grow our food, natural fibre and timber



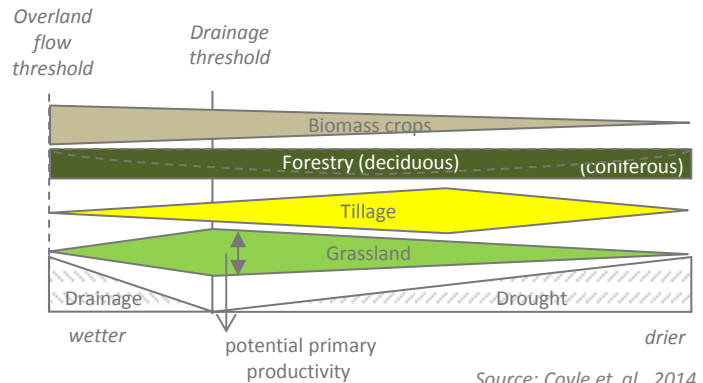
biofuels



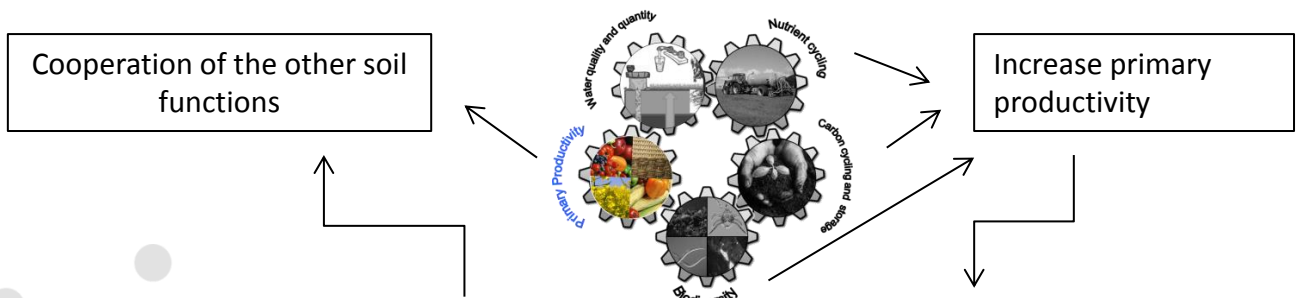
feed



food



- All soil types perform the function of primary productivity, but they differ in type ( i.e. grassland, biomass, cropland).
- Primary productivity depends on land use and soil type. The suitability for each one determines their potential.
- The main driver for primary productivity is drainage.



Primary Productivity supports others soil functions as a **provisioning ecosystem service**