production, since below ground hard to estimate.

Usually refer to productivity, which is a rate of production per unit

time (day, month, year). Many of estimates are for above ground

Net ecosystem production (NEP): GPP - RE

Total ecosystem respiration (RE): RA + RH

Heterotrophic respiration (RH)

Net primary production (NPP): GPP - RA: incorporated into plant

biomass

Gross primary production (GPP): total amount of solar radiation

acquired by plants

Primary production: the fixation of solar energy by autotrophs in an

ecosystem

(Expressed in joules, g dry wt., or g C per unit area or volume)

Biomass: mass of organisms per unit area or unit volume of water

Definitions