

Fall 2008
Bio. 463

STUDY QUESTIONS FOR:

Melillo et al. 1993

What are the similarities and differences between regression-based models and process models?

What factors does TEM consider in its estimation of GPP?

What is their estimate of global annual NPP for terrestrial vegetation experiencing 355 ppmv CO₂?

What fraction of the total NPP is attributed to tropical evergreen forests?

How does the global NPP estimate for terrestrial vegetation change when CO₂ is doubled with no change in climate?