

Spectrum of Homogeneous Flux Ecoregions

I

II

III

*measured or
observed
independent
variables*

Abiotic Environment

**Abiotic Environment
+
Actual Vegetation**

**Abiotic Environment
+
Actual Vegetation
+
Veg. Productivity**

*modeled or
derived
dependent
variables*

*primary
environmental
drivers*

**Based on data
about climate, soil,
and solar radiation**

**Adding in MODIS
vegetation:
LAI, EVI, FPAR,
% tree cover, and
% bare ground**

**Adding in MODIS-
derived GPP, NPP,
and Respiration**

*surrogates
for carbon
flux*

more certain

less certain

**Shows potential
vegetation**

**Also shows
disturbance and
anthropogenic effects**

**Also shows
ecosystem
performance**

**Carbon
Flux
(unknown)**

