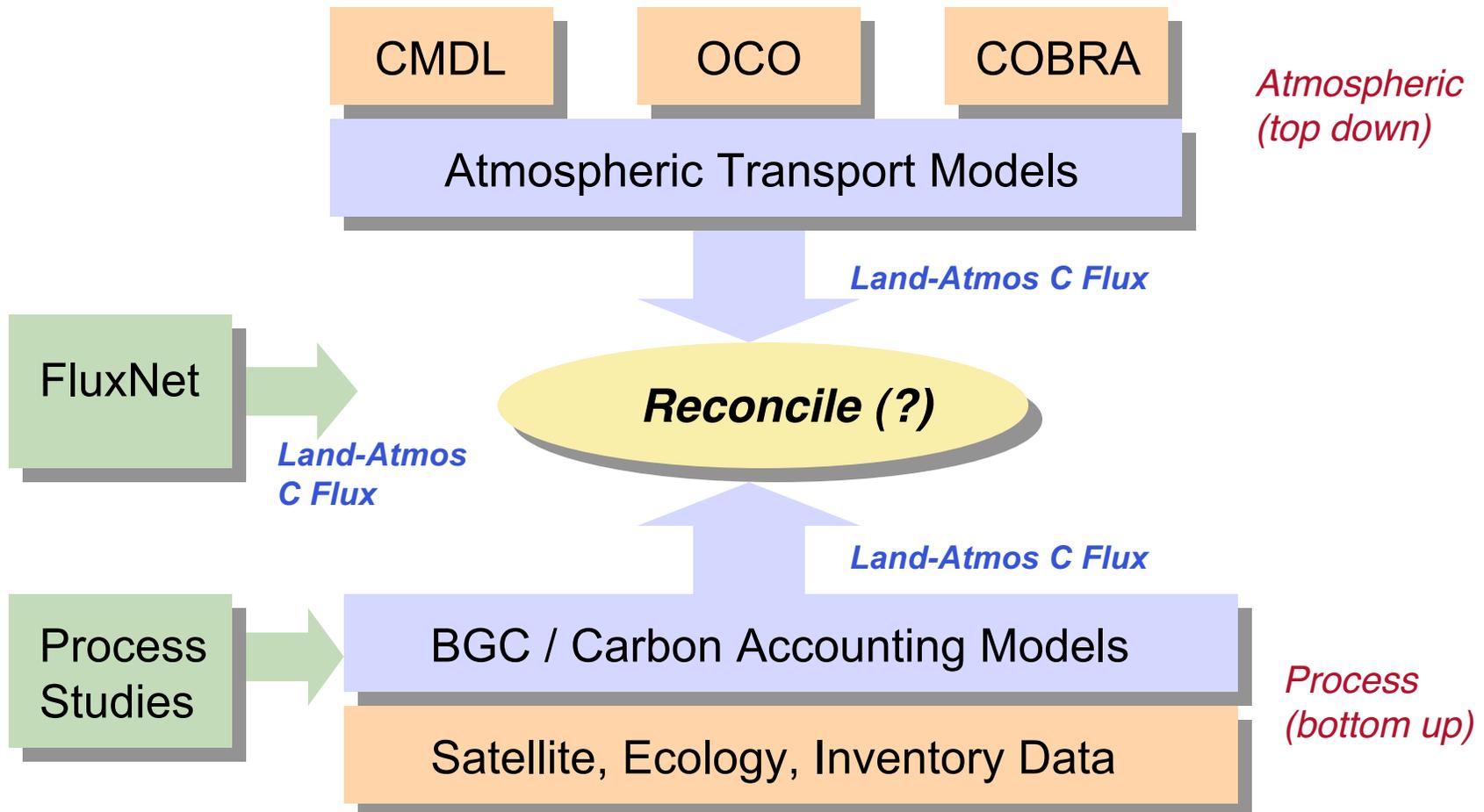


# NACP as a Continental Experiment



# NACP Data Products Proposal



**Goal:** Supply “user friendly” data sets to enable local and continental assessments of C fluxes from BGC process models

**User Community:** Biogeochemical, Carbon Flux Modelers

## **Project Elements:**

- Data Preparation
  - *common grids, formats, projections, etc*
  - *remote sensing, climate, inventory data*
  - *NAM datasets: ~0.1 – 1 degree grids*
  - *Local datasets: ~0.10 – 1.0 km grids*
- Data Distribution
- Facilitate/Coordinate Model Intercomparison

# Example NACP Product Suites



## **Satellite Biophysical Products**

AVHRR-MODIS fPAR, VI, LAI  
GIMMS VI  
MODIS NPP

## **Land Cover**

MODIS Land Cover  
AVHRR Land Cover  
MODIS Continuous Fields

## **Climate**

ECMWF, NCEP

## **Disturbance/Change**

Landsat, AVHRR disturbance

## **Inventory Data**

Statsgo Soils  
USDA Crop Inventories  
Gridded FIA attributes

## **Flux Data**

FluxNet Timeseries

**Local Suite**  
(FluxNet,  
EOS Core sites)

**Continental Suite**

Biogeochemical  
and Carbon  
Accounting  
Models

# Proposed Project Overview



## Science Advisory Group

### Data Preparation

- common format
- common projection
- nested resolutions
- nested time slices

### Data Distribution

- user interface
- subsetting
- custom processing

**BGC  
Modeling  
Community**

GSFC  
Holdings

Other  
holdings

Other  
holdings