

**C-CAP
(2006-2011)**

**Fixed
Values**

**Random
Draws**

1. Start with Mapped
Areas from C-CAP
and
Probabilistic Coastal
Lands Map

if Estuarine
2006 or 2011

if Palustrine

**Area <
MHHWS**

**Activities
Data**

2. Scale by
Estimated to
Mapped Area Ratio

**2011 class
Accuracy
Assesment**

**2006-'11
Change / No
Change
AA**

3. Assign Soil
Emissions / Burial

if stable or
non-catastrophic
change

if change represents
a catastrophic soil
loss

**Log-mean
Soil C Burial
Rate**

x number of
years

**Mean Soil C
Depth Profile**

**Depth
Intervals
Lost**

**Fraction
Returned to
Atmosphere**

**Emissions /
Storage Factors**

4. Assign Above Ground
Biomass Change

which biomass type in 2006?
which in 2011?

**Log-mean
Emergent
Vegetation**

**Log-mean
Scrub / Shrub
Vegetation**

**Log-mean
Forested
Vegetation**

**Unvegetated
= 0**

Biomass Change =
2006 Biomass - 2011 Biomass

5. Assign Methane
Emission / Storage
Factors

which salinity type in 2006?
which in 2011?

**Mean
Estuarine CH₄
Emissions /
Storage**

**Log-mean
Palustrine CH₄
Emissions**

**Non-Wetland
= 0**

total methane =
2.5 (2006 CH₄ + 2011 CH₄)