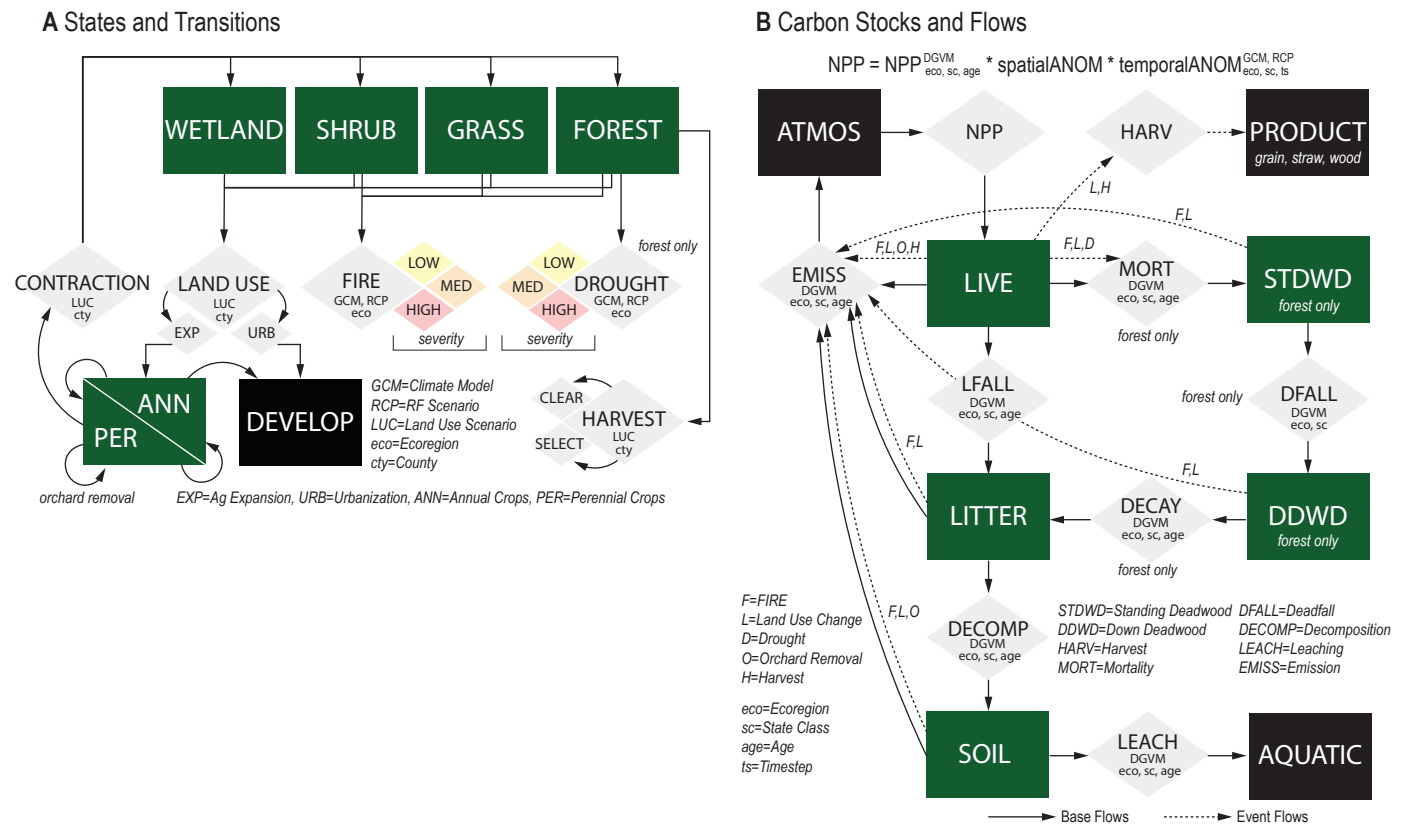
A States and Transitions
WETLAND
SHRUB
GRASS
FOREST
forest only
CONTRACTION
LUC
cty
LAND USE
LUC
cty
EXP
URB
FIRE
GCM, RCP
eco
LOW
MED
HIGH
severity
DROUGHT
GCM, RCP
eco
ANN
PER
DEVELOP
orchard removal
GCM=Climate Model
RCP=RF Scenario
LUC=Land Use Scenario
eco=Ecoregion
cty=County
CLEAR
HARVEST
SELECT
LUC
cty
EXP=Ag Expansion, URB=Urbanization, ANN=Annual Crops, PER=Perennial Crops
B Carbon Stocks and Flows
NPP = NPP DGVM eco, sc, age * spatialANOM * temporalANOM GCM, RCP eco, sc, ts
ATMOS
NPP
HARV
PRODUCT
grain, straw, wood
L,H
F,L
F,L,O,H
F,L,D
EMISS
DGVM
eco, sc, age
LIVE
MORT
DGVM
eco, sc, age
forest only
STDWD
forest only
LFALL
DGVM
eco, sc, age
forest only
DFALL
DGVM
eco, sc
F,L
F,L
LITTER
DECAY
DGVM
eco, sc, age
forest only
DDWD
forest only
F,L,O
DECOMP
DGVM
eco, sc, age
F=FIRE
L=Land Use Change
D=Drought
O=Orchard Removal
H=Harvest
eco=Ecoregion
sc=State Class
age=Age
ts=Timestep
STDWD=Standing Deadwood
DDWD=Down Deadwood
HARV=Harvest
MORT=Mortality
DFALL=Deadfall
DECOMP=Decomposition
LEACH=Leaching
EMISS=Emission
SOIL
LEACH
DGVM
eco, sc, age
AQUATIC
Base Flows
Event Flows