

Final Phase 6 Land Use Database Project Plan

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Overview

- **Land Cover Data Status**
- **Production History**
- **Production Status**
- **Available Resources**
- **Production Plans**

Land Cover Data Status

- All Land Cover Data has Been Delivered

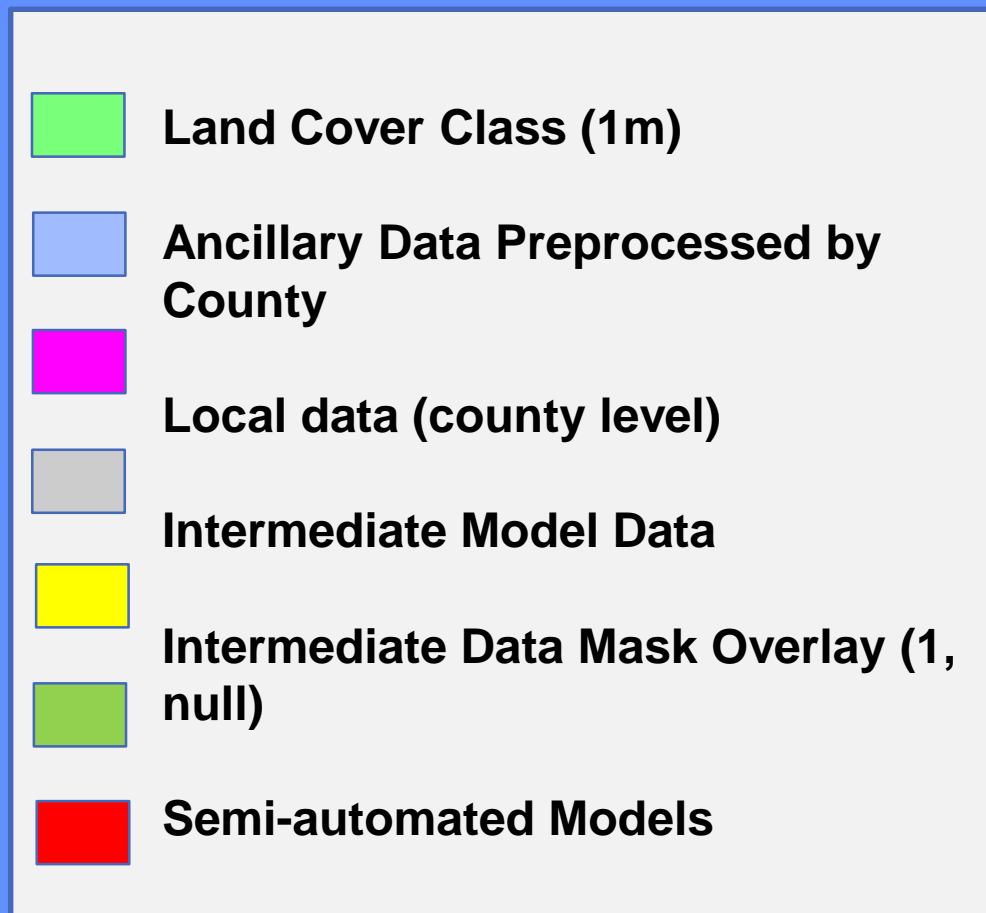


Work Delegation

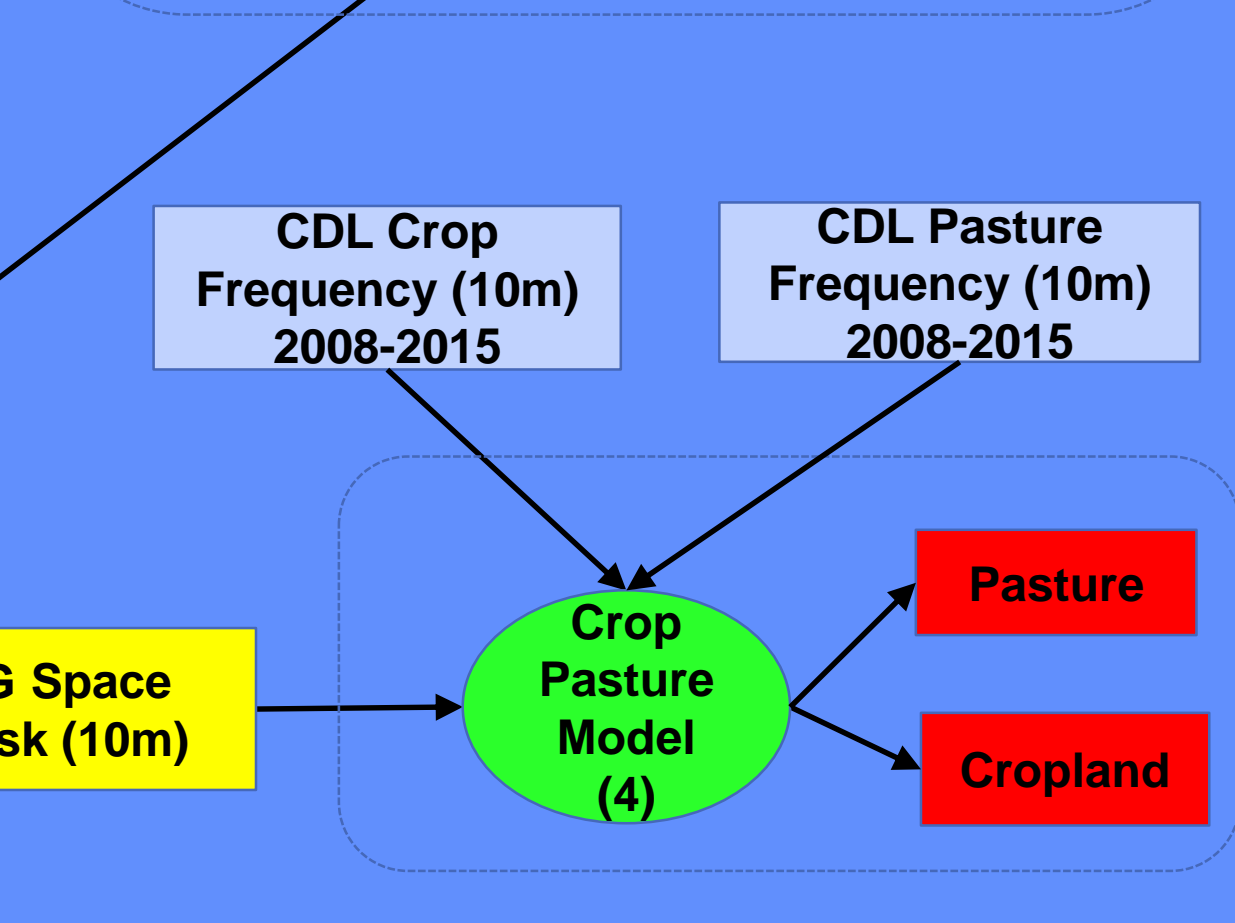
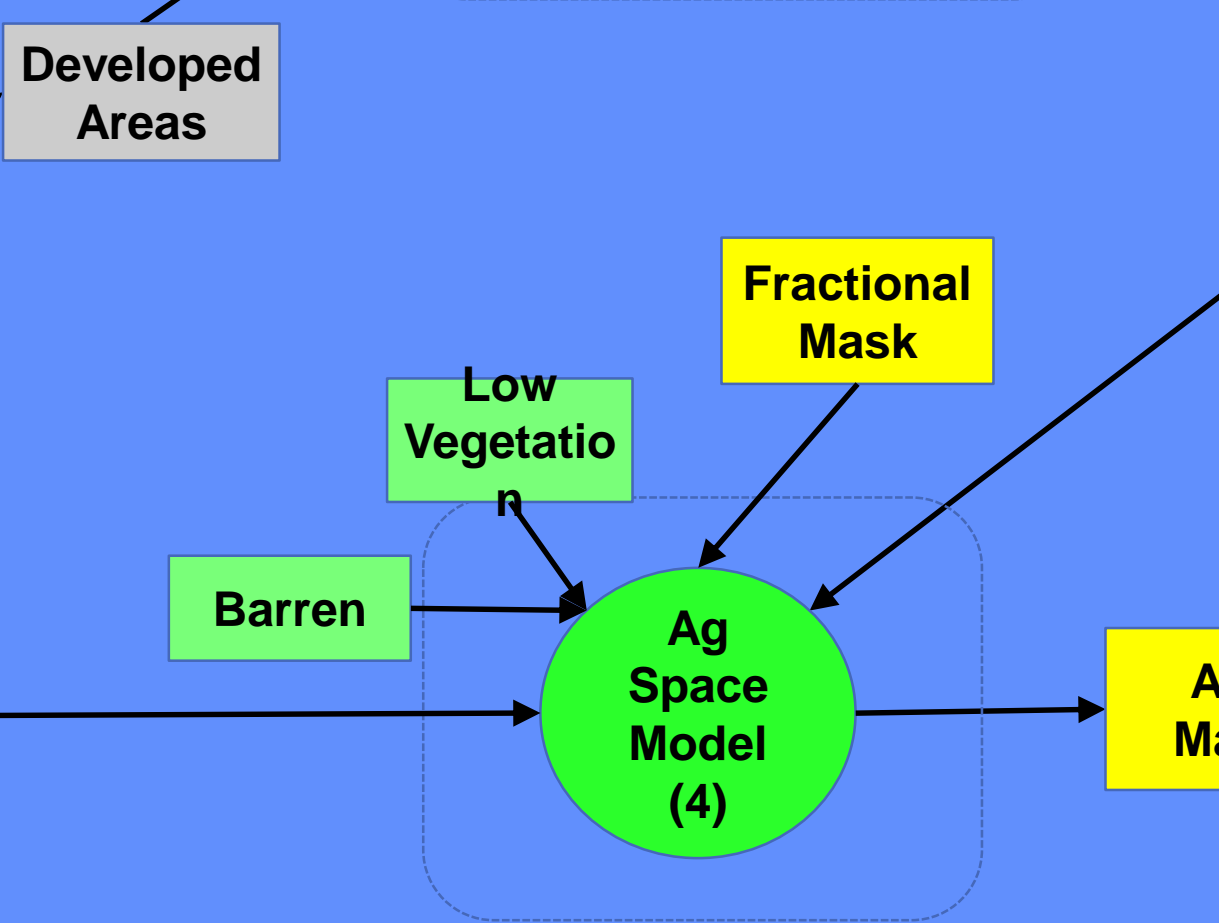
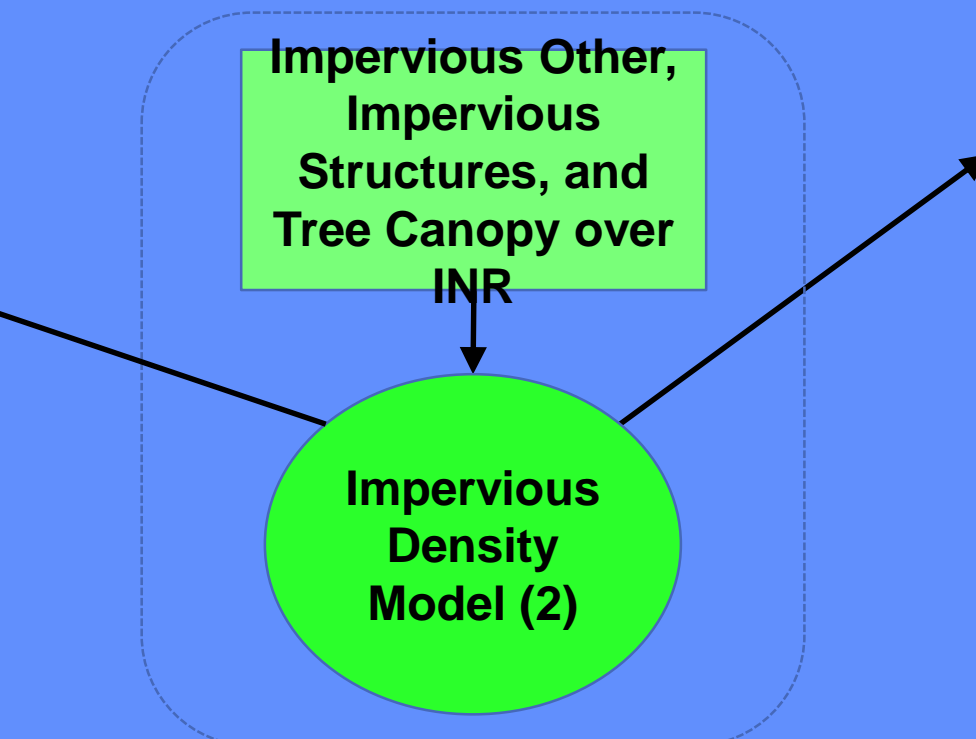
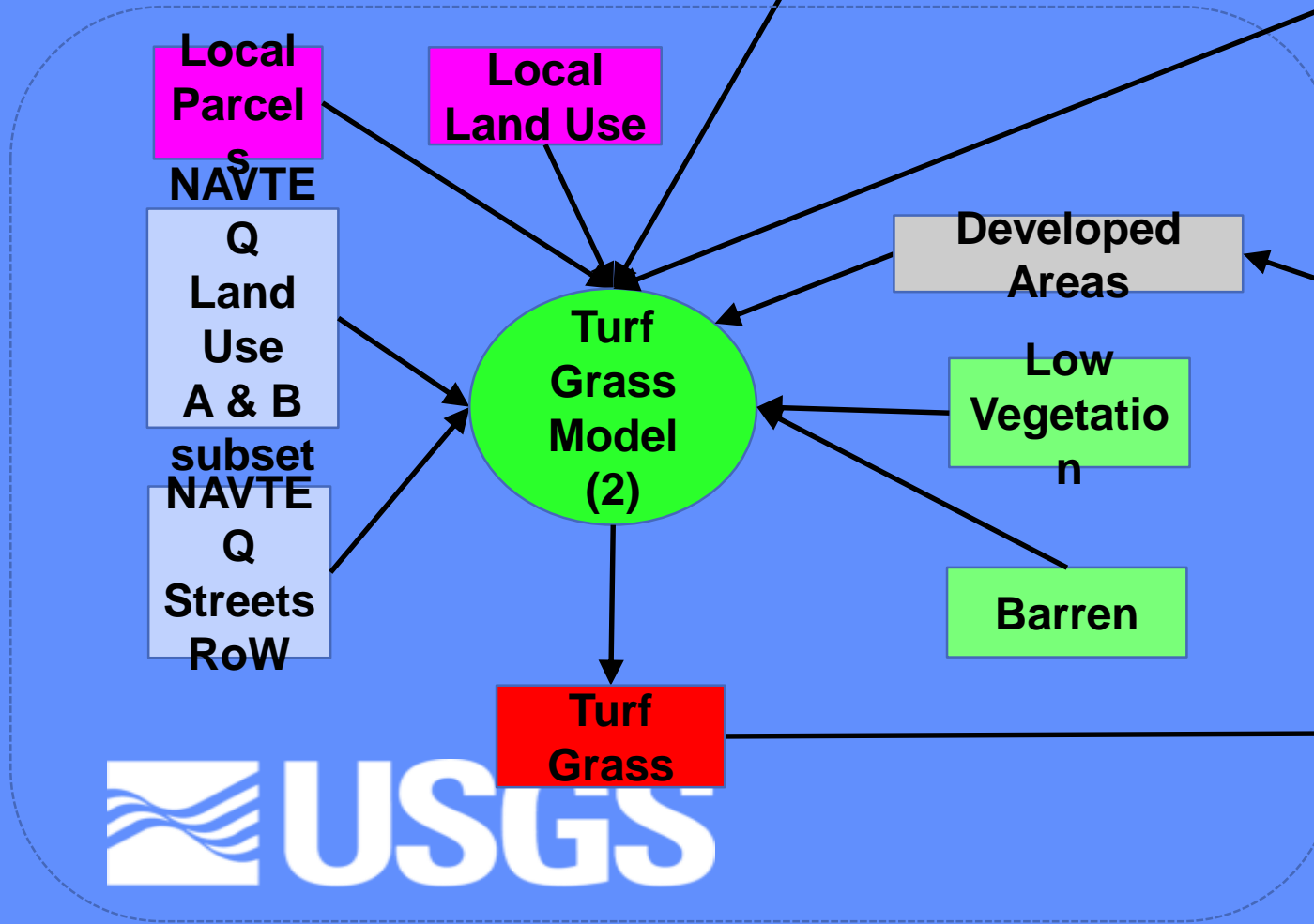
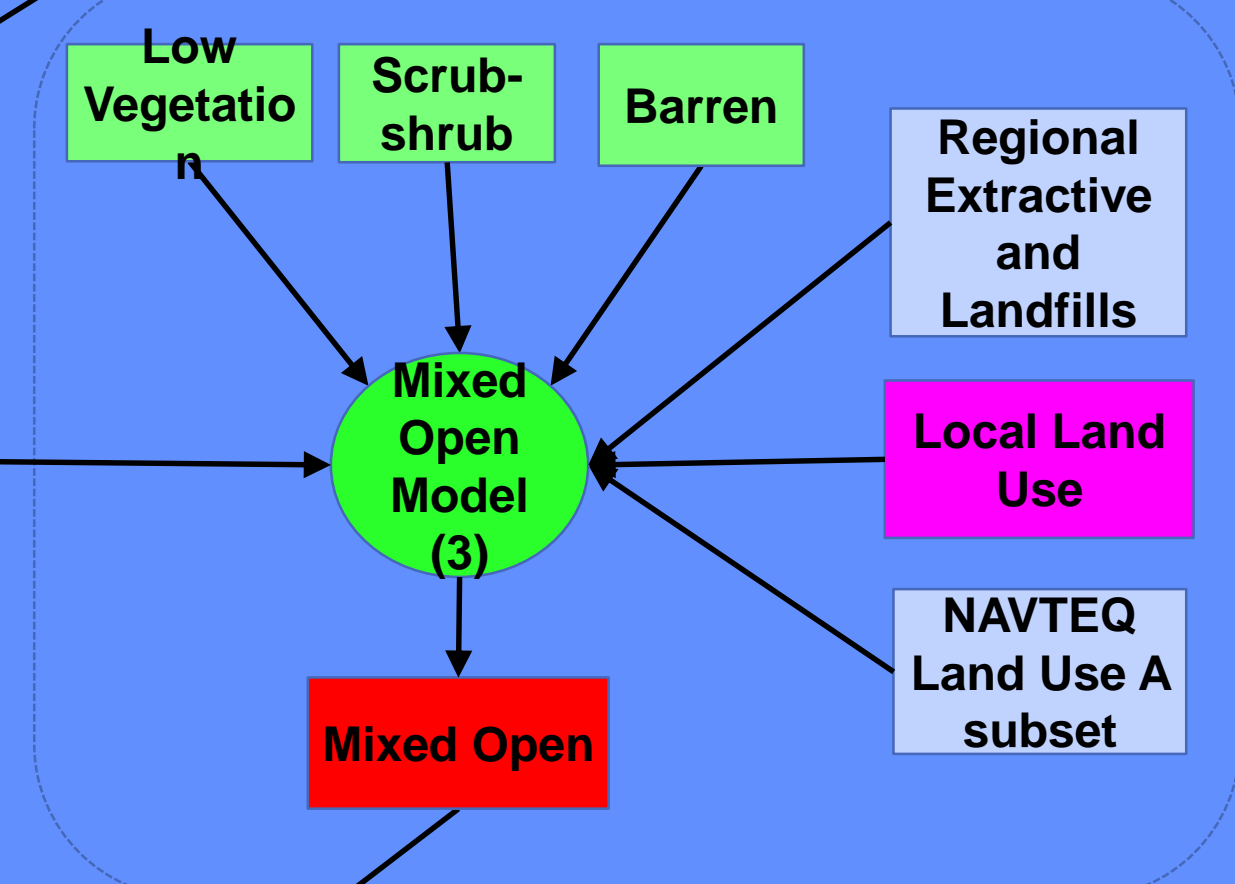
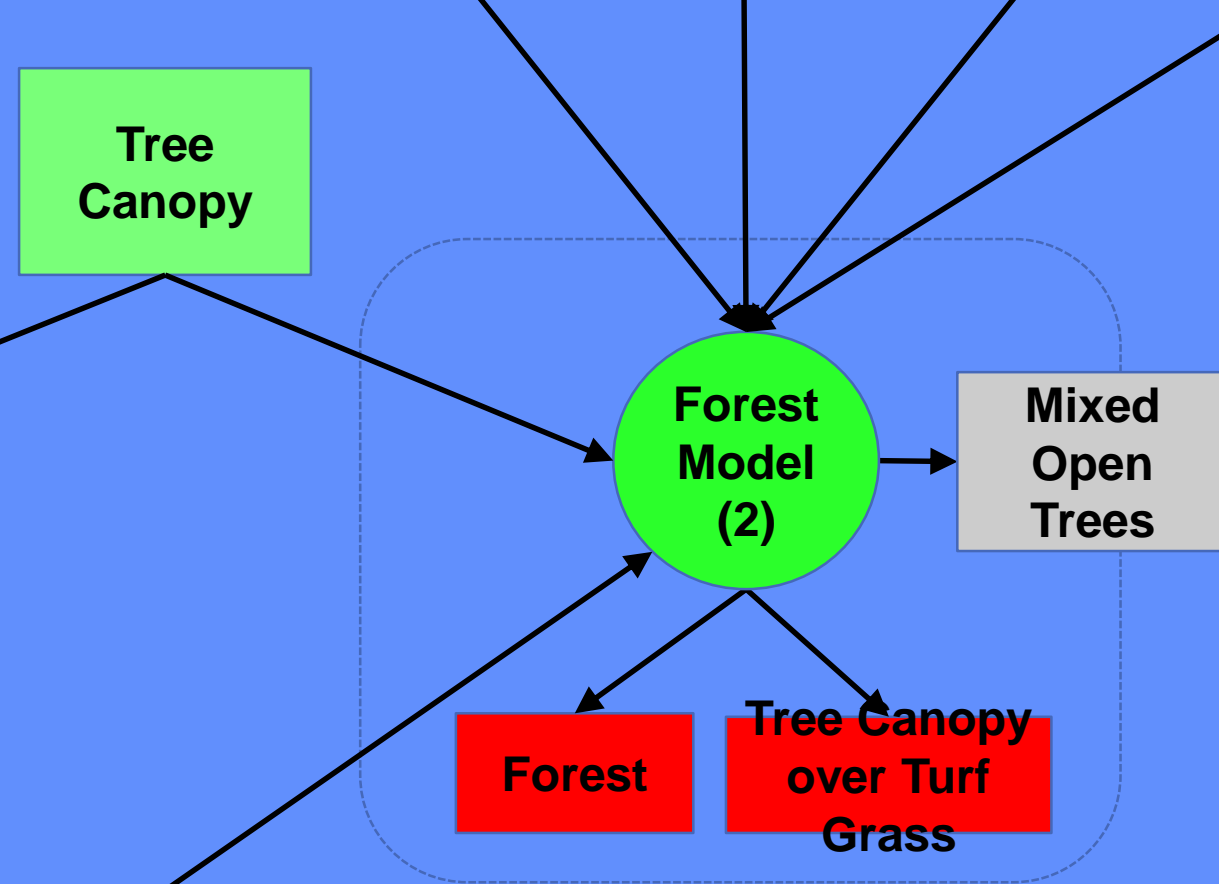
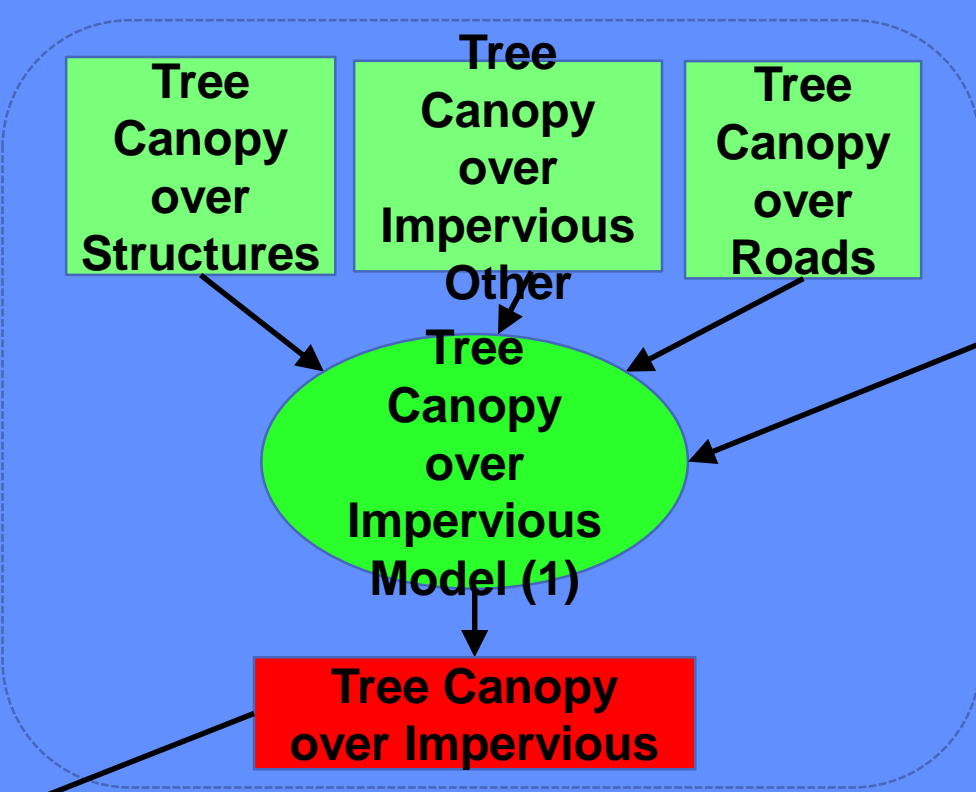
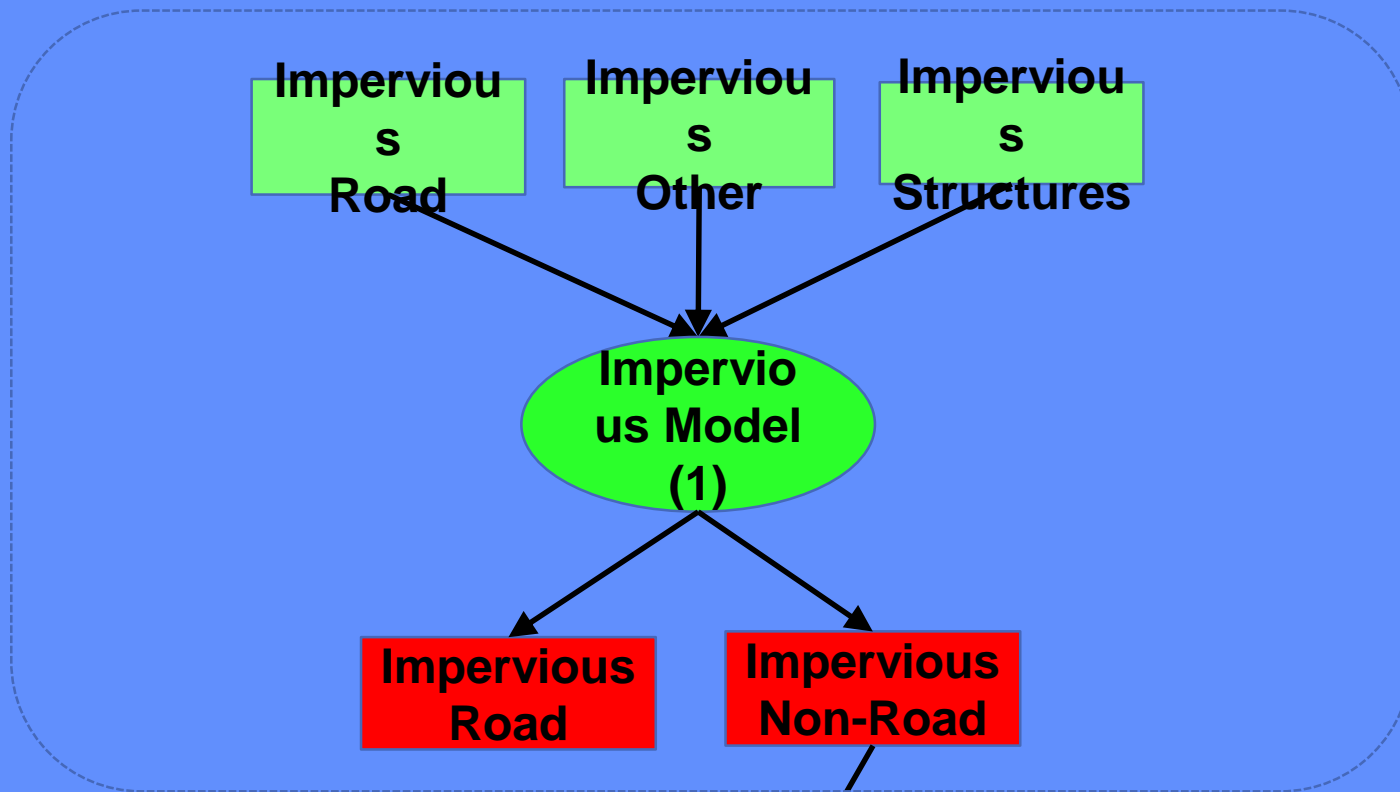
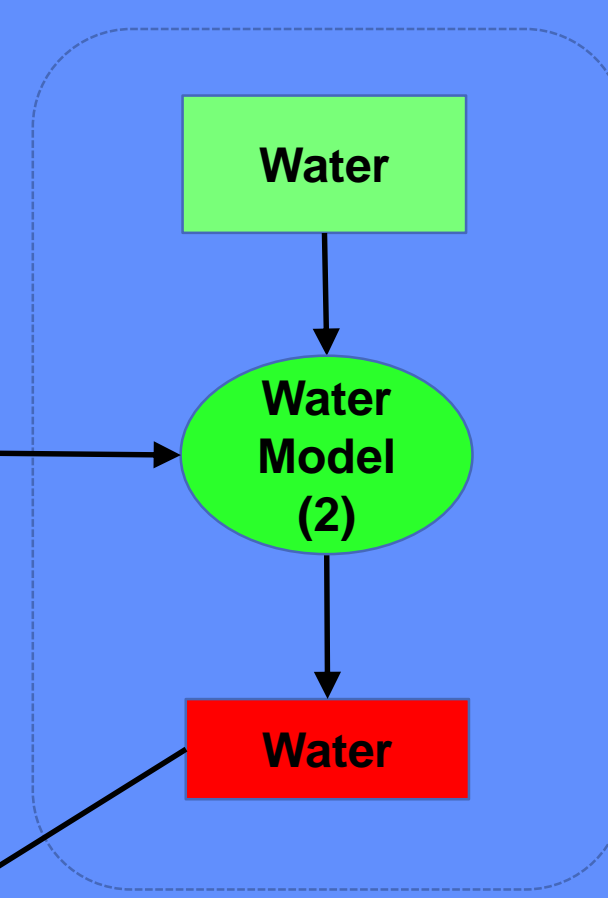
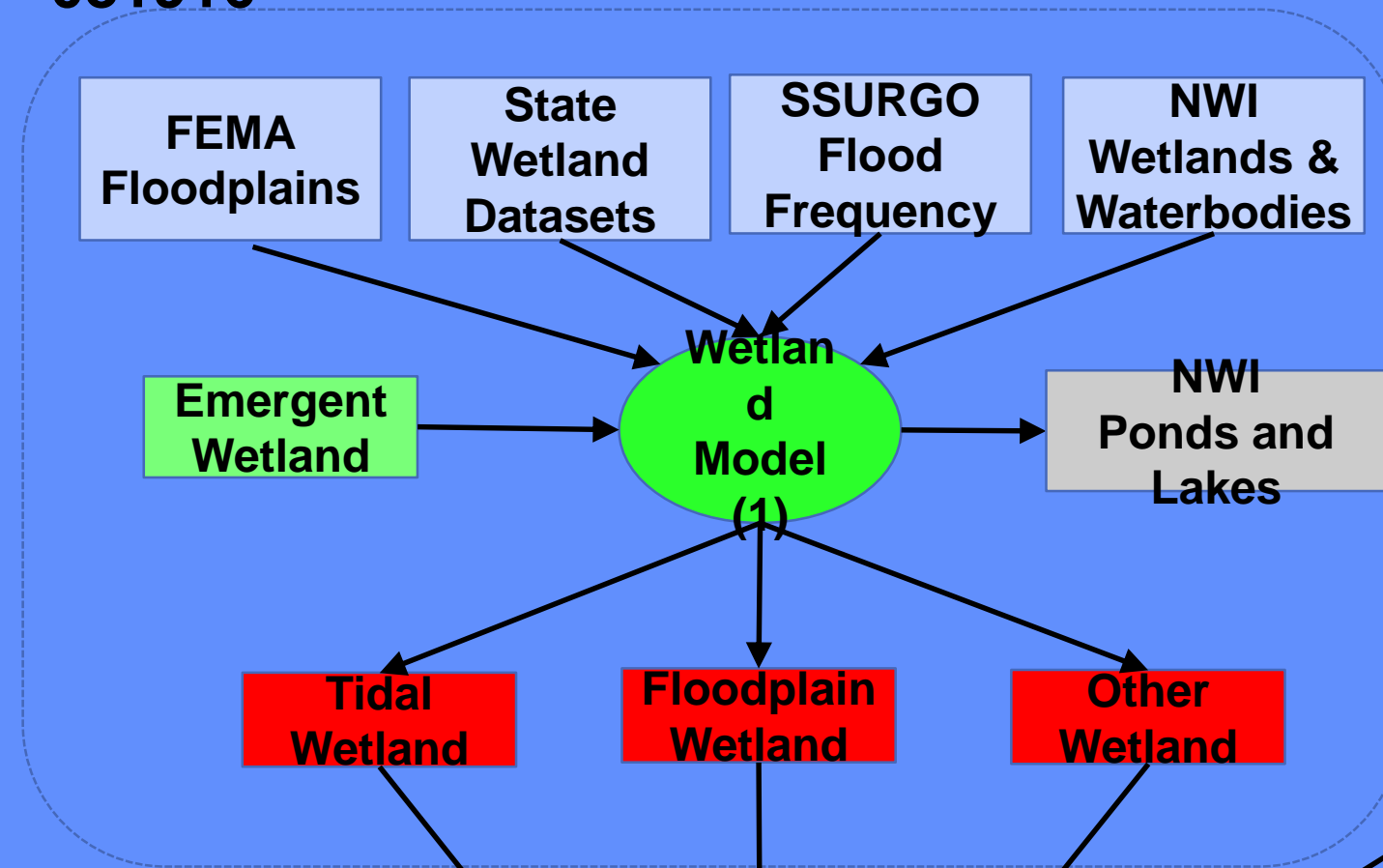
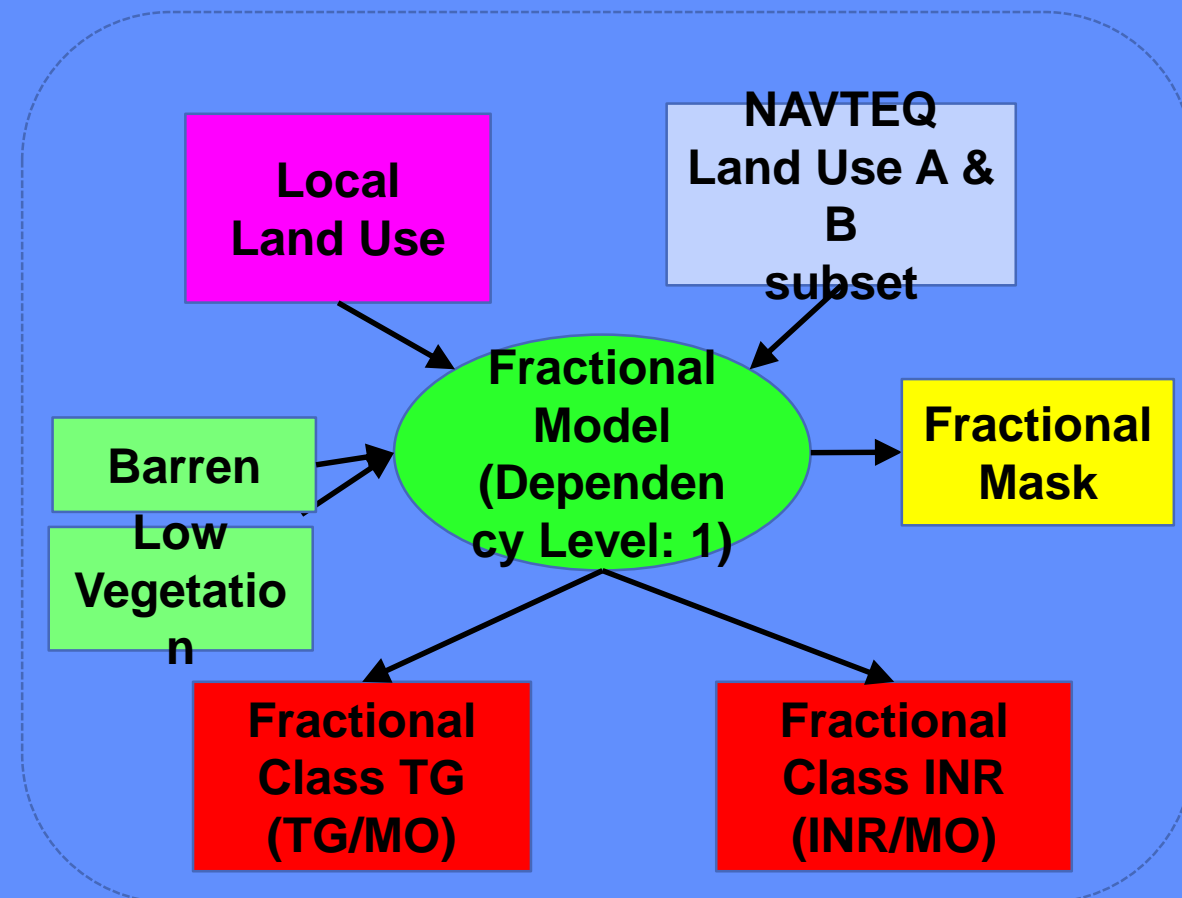
- The Virginia Process Procedure is Completed
- All (~ 100) Virginia Counties have been Delegated to the Chesapeake Conservancy Where the VA Process is Being Applied

Phase 6 Land Use Development Process

081916



Phase 6 land use interim classes (1m)



History

- Five of the Eleven Models were run for all Counties
- Of the Remaining Six Counties, Three Rely on Local Data Masks
- Conversion of Local Data to Mixed Open, Fractional and Turf Grass Masks took much longer than Expected
 - Grad Student Contractors are Still Processing Local Data

History

- **The Three Remaining Models are**
 - Forest
 - Ag Space
 - Crop Pasture
- **These Models were Written but had Problems under New Version of ESRI Software**

History

- **Problems Under ESRI Upgrades**
 - **ArcMap Upgrade from Version to 4.0**
 - Resulted in Utility Models Breaking
 - No Longer Able to Loop through Counties Using Nested Models
 - Work Arounds were Developed
 - **Upgrade to ArcMap 4.0.1**
 - Many Tools Do not Run Properly from a Model

History

- **Forest Model**
 - Suddenly took 16 hours to run under V4.1
 - Attempted Many Work Arounds Including
 - Re-Write to Memory
 - Applying Fixes as Recommended by CC
 - Python Scripting
 - Writing Directly to External Drives Using 3.1 USB Ports
 - Others
- **Turf Grass Model**
 - Problems Encountered Trying to Join Table attributes in a Model

History

- **Problems Under ESRI Upgrades**
 - **Problems with Image Data Types**
 - GDB, .tif, GRID
 - Related to 1 – 8 bit Pixel Depth handled inconsistently under models.

Production Status

- No Counties have been Completed from Beginning to End



Current Plan

Production Resources: CPUs

- Man Hours 9+
- Twelve CPUs at CBPO
- Many at UMBC

Production Schedule

- Complete MD DE and DC by 9/16/2016
 - 28 Counties
- Remaining Counties will be Completed in State Order:
 - PA
 - NY
 - WV

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