

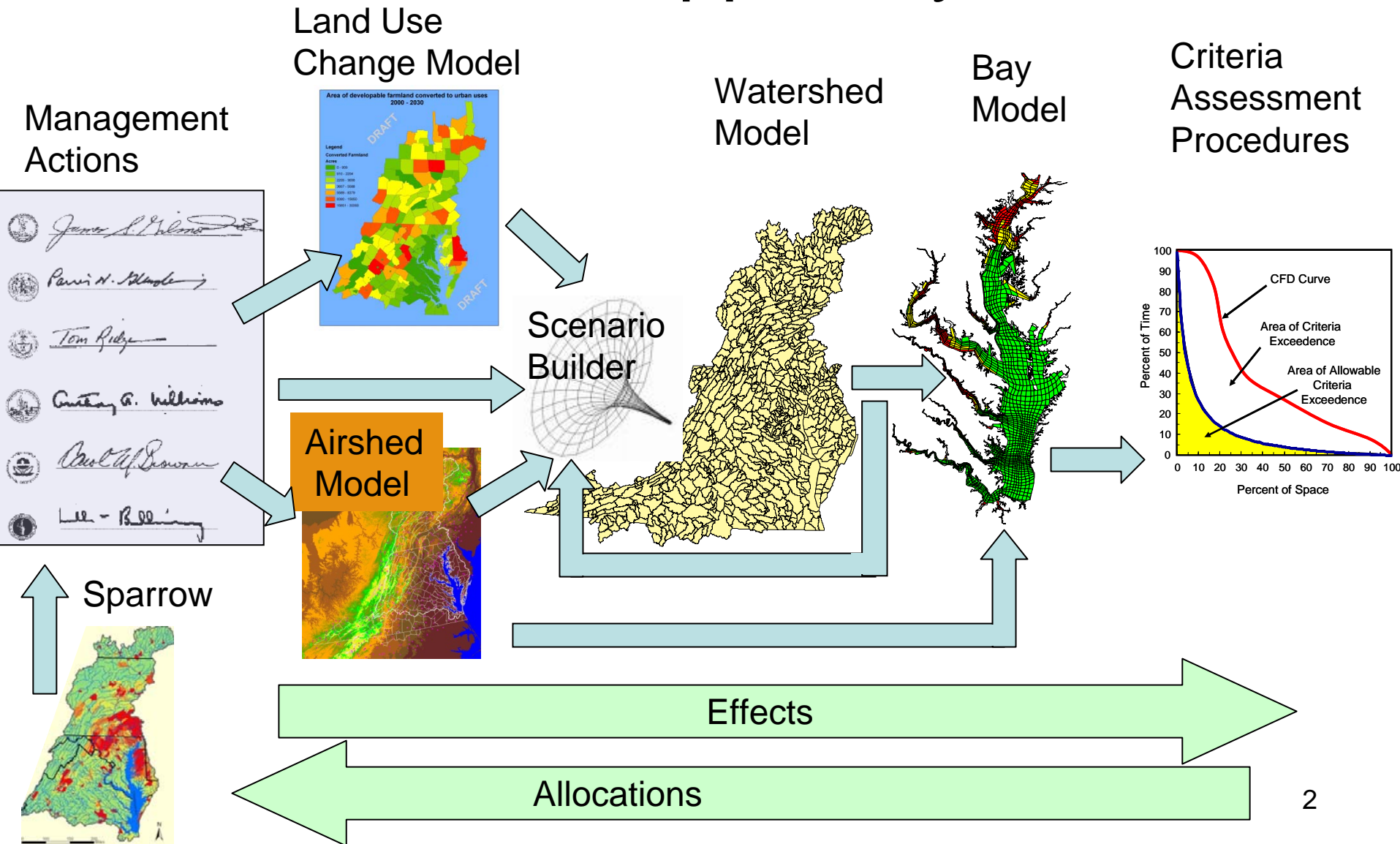
Presentation J: Scenario Builder Update

WQGIT

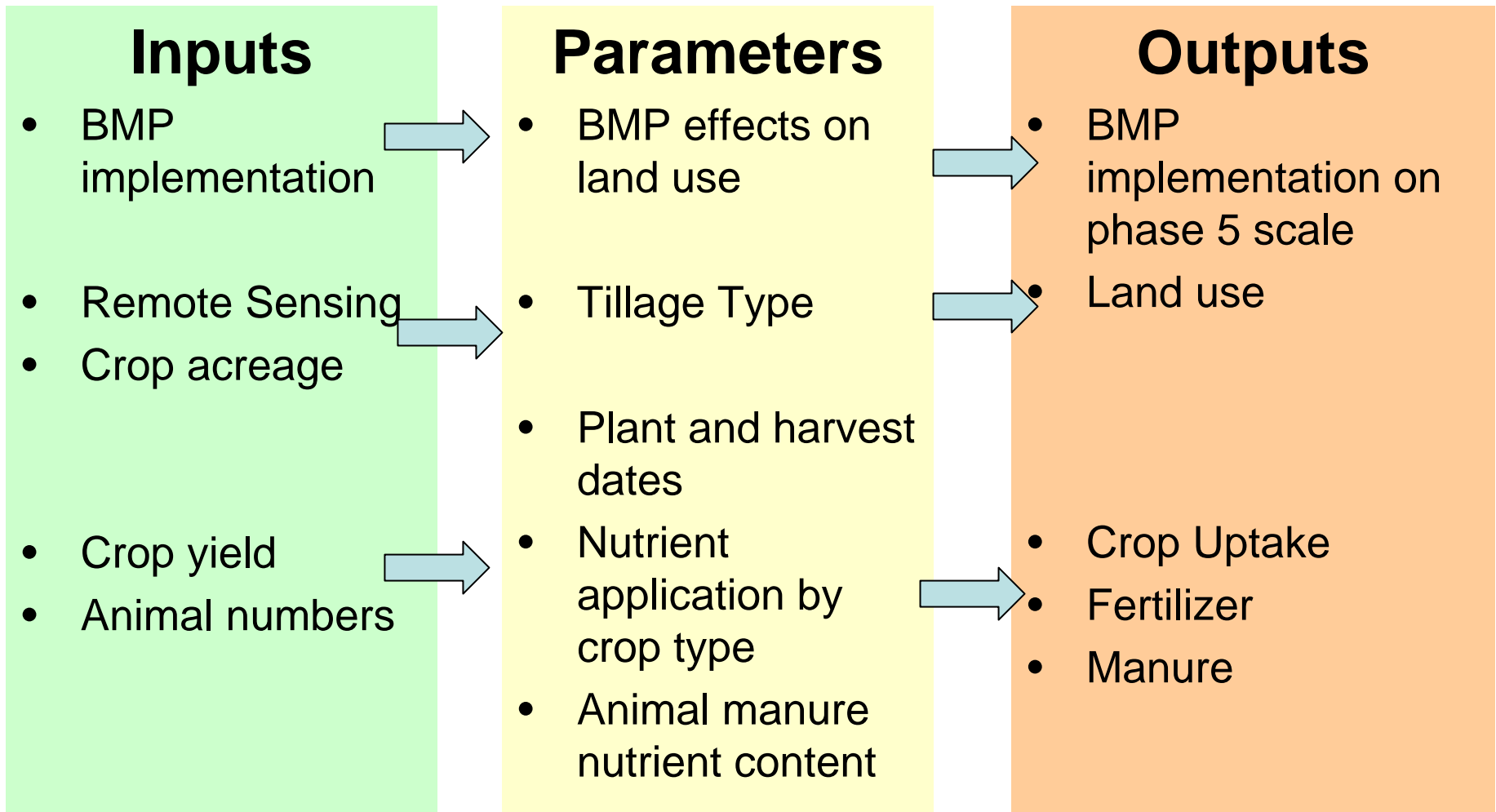
Gary Shenk

9/30/2009

Chesapeake Bay Program Decision Support System



Sample Input and Output



SB Development and Use

- TMDL – 12/1/2009
- TMDL Implementation Plans
- 2-year milestones
- Partner requested scenarios

Scenario Builder Versions

- 1 Land use and Nutrient Inputs
- 2 BMPs, point source, septic
- 3 NEIEN implementation
- 4 Summarized reports
- 5 Web interface

Scenario Builder Versions

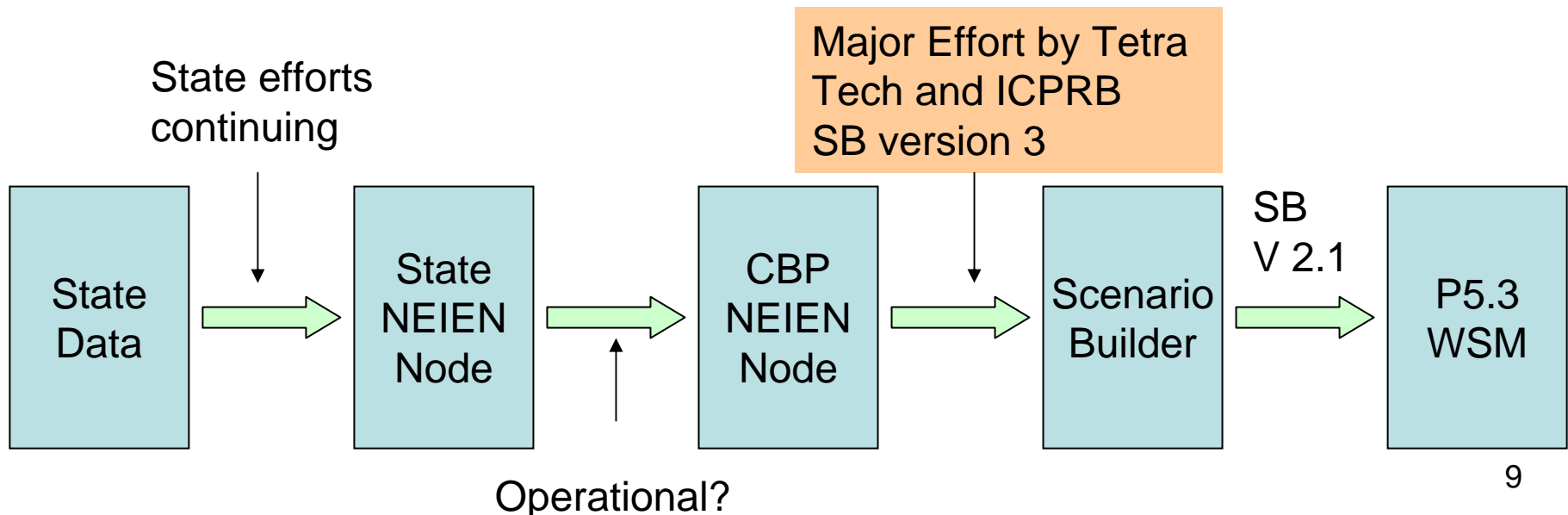
- 1.5 – completed 4/2009 for phase 5.2
 - Some older data, methods, and coding bugs
 - Held constant for scenarios due 9/1
- 2.1 – 12/2009 for phase 5.3
 - Fix problem in phase 1.5
 - Efficiency BMPs
 - Land change BMPs
 - Detached Sediment
 - 2007 ag census
 - Correct 1982-1992 ag census

Scenario Builder Versions

- Version 2.X developed over 2010
 - Manure transport / animal feed BMPs
 - Point source
 - Septic
 - Biosolids
 - Multiple Plant and Harvest Dates

Scenario Builder Phases

- Version 3 – NEIEN implementation
 - Automated gathering of state BMP information
 - Expected to go live by October 2010



Scenario Builder Phases

- Version 4 – Summarized I / O
 - State feedback gathered
 - No completion date set
- Version 5 – web interface
 - Some State feedback gathered
 - No completion date set

Chesapeake Bay Program Decision Support System

