

# Track 5. The Urban Stream Corridor as its Own Land Cover Type



**CENTER FOR  
WATERSHED  
PROTECTION**

**The Peculiarities of  
Perviousness**

**April 22-23, 2014**

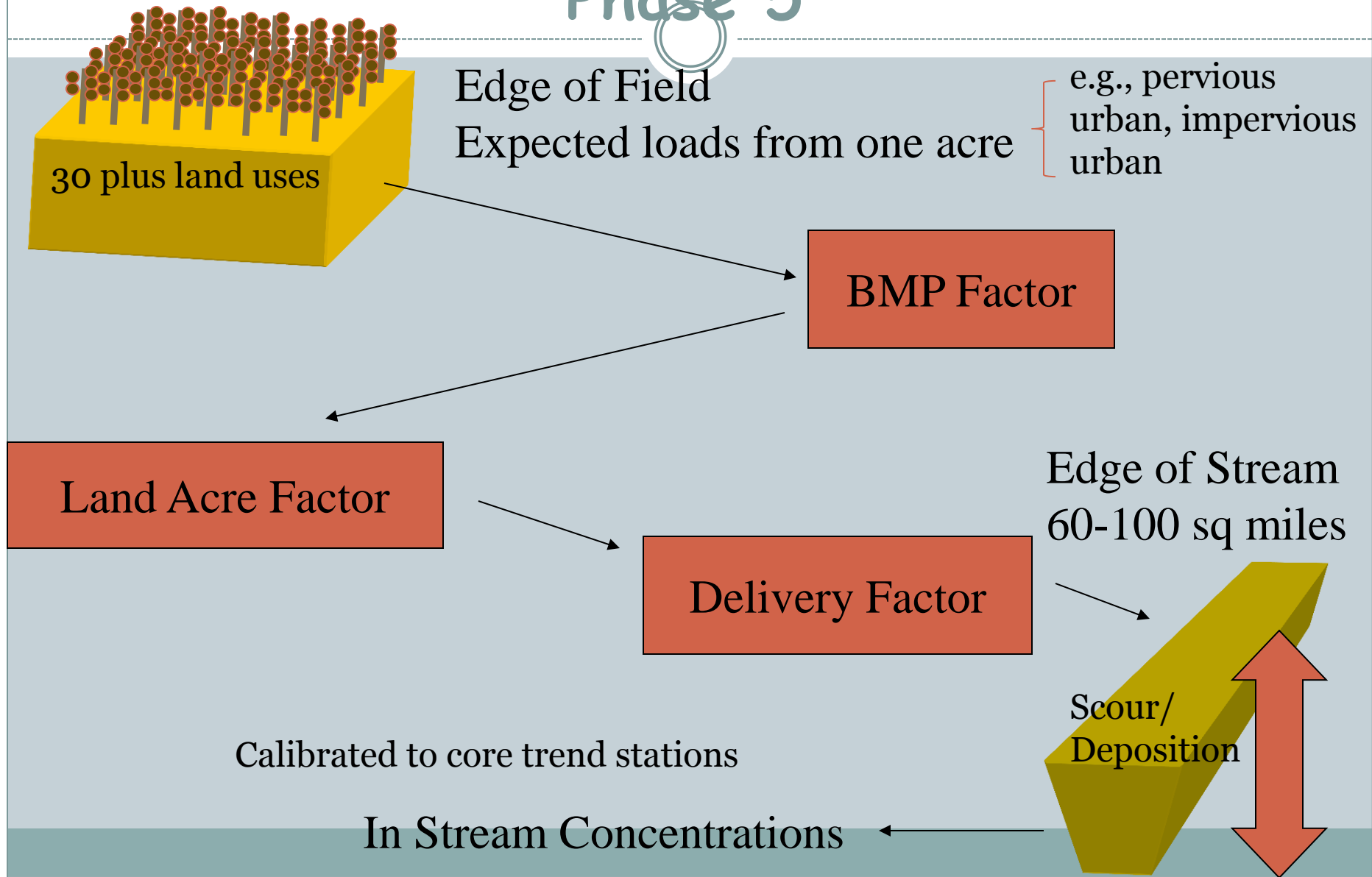


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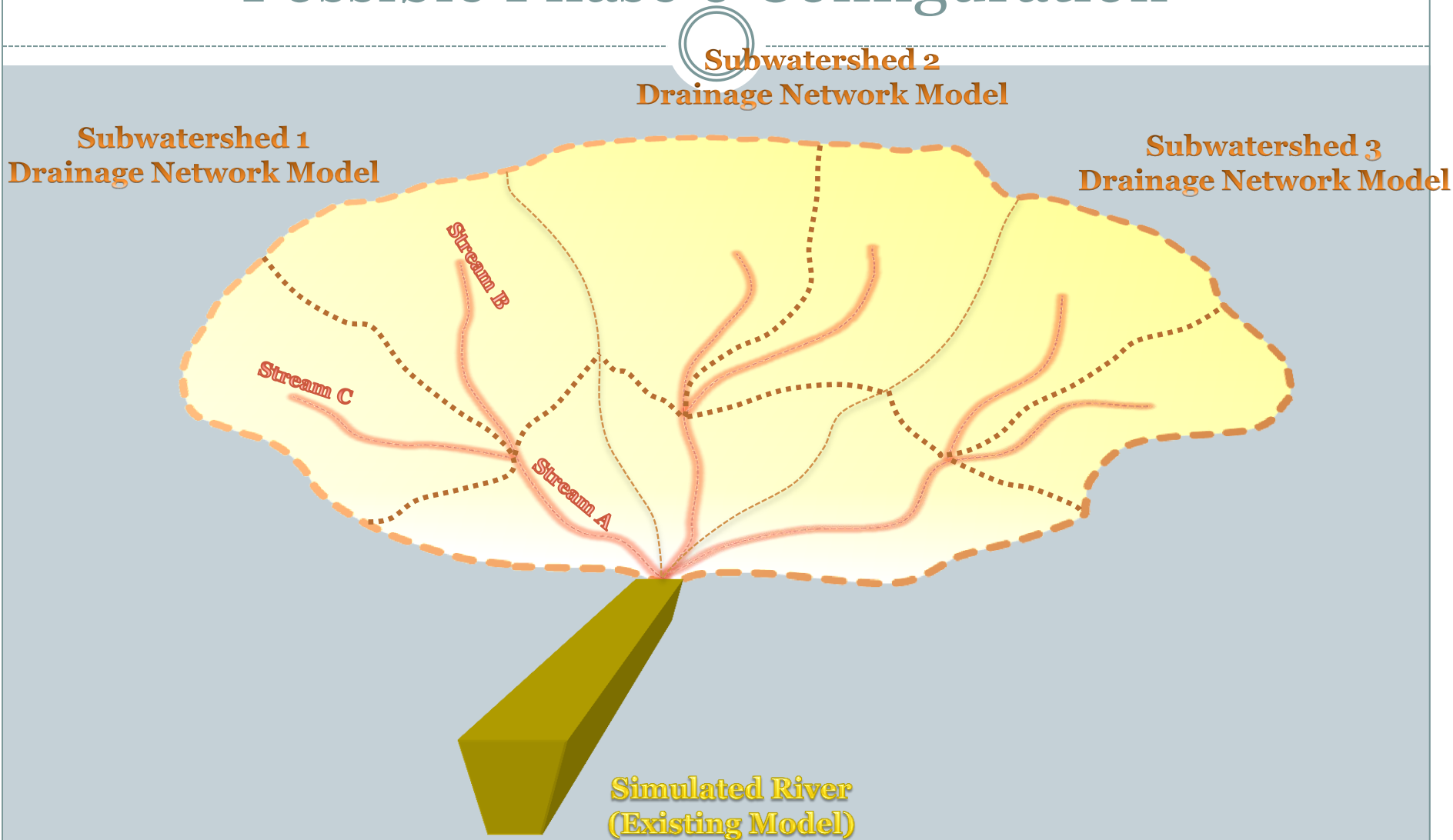


- How does stream bank erosion, sewage transmission losses and other discharges influence nutrient and sediment loading and processing within the stream corridor?
- How does the stream corridor itself act to process nutrients and sediments delivered from upland and adjacent urban land?
- How should we define and map the stream corridor as unique entity for processing nutrients and sediments?

# Chesapeake Bay Watershed Model (CBWM) Phase 5



# Possible Phase 6 Configuration



# The Urban Stream Corridor as its Own Land Cover Type



- *Sources, sinks and transport of sediment and nutrients in the stream corridor*
- *Processing of nutrient inputs in the stream corridor*
- *Floodplain mapping potential in the Chesapeake Bay Watershed*