ADAPTIVE MANAGEMENT

MANAGEMENT ANALYSIS TOOL (MAT)

Regional Climate Models

WATERSHED MODELING	HYDRODYNAMIC MODELING	BIOGEOCHEMICAL MODELING

Inform and evaluate land management decisions under current – and future – conditions

CONTINUE MONITORING

INCORPORATE NEW DATA
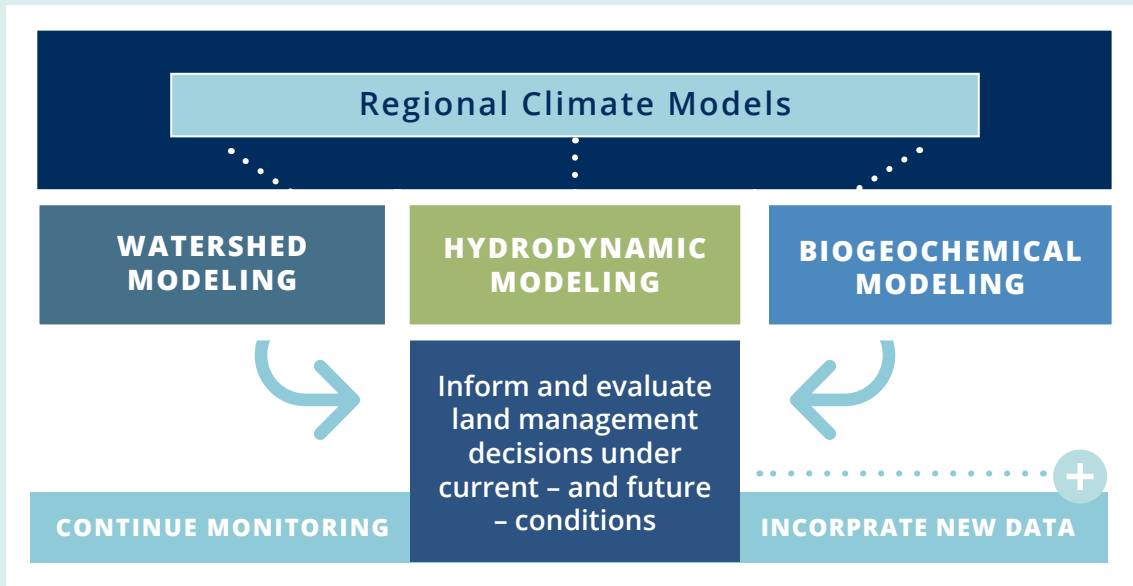
MAT CAPABILITIES

Will investments in better land management be effective to restore Green Bay under a changing climate?

MEASURE	⟫⟫ How Green Bay might respond	IF WE	⟫⟫ Keep nutrients and sediments on farm fields and out of waterways.
DEMONSTRATE	⟫⟫ Where in the watershed placement of these practices might be most effective	SO WE CAN	⟫⟫ Quantify how much implementation is needed.
EXPLORE	⟫⟫ Potential impacts of climate change on Green Bay	WHEN WE	⟫⟫ Run models with projected future values for daily temperature and precipitation.
INCORPORATE	⟫⟫ New monitoring data to illustrate progress toward Green Bay water quality goals	SO WE CAN	⟫⟫ Improve models and adapt management activities.