

HYDROLOGIC MODELING IN THE ST ALBANS BAY BASIN

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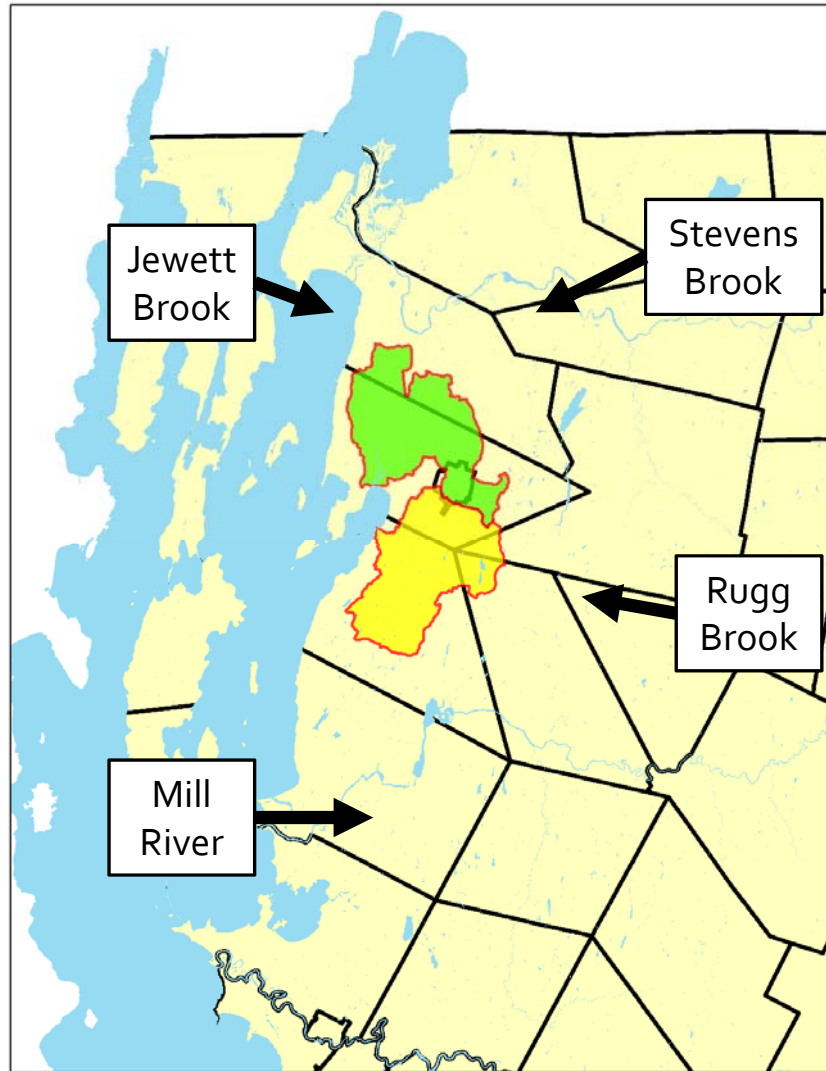


All Hands Meeting
4 June 2019



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St Albans Bay Basin

- Jewett Brook Watershed
 - Jewett Brook
 - Stevens Brook
- Mill River Watershed
 - Mill River
 - Rugg Brook

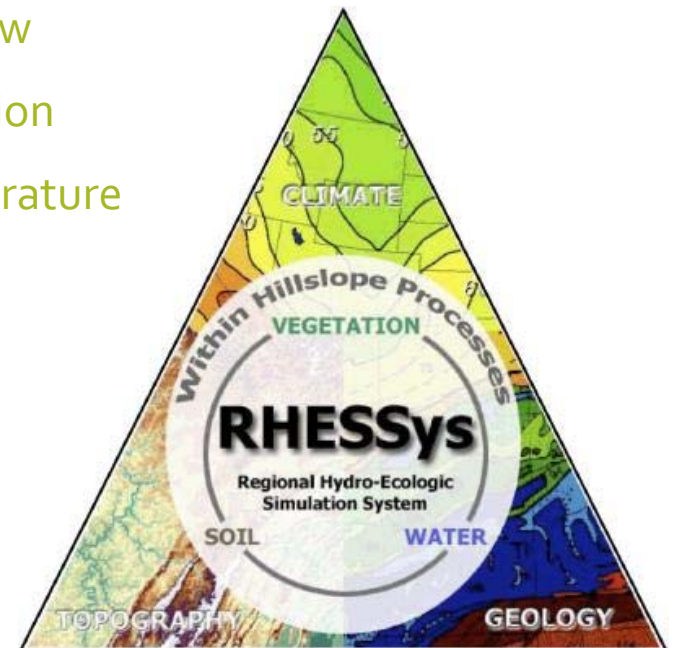
RHESSys

Geospatial Inputs

- Digital Elevation Model
- Soil
- Vegetation
- Land Use
- Stream Network

Temporal Inputs

- Streamflow
- Precipitation
- Air Temperature



Research Goals: Regional Hydrology

- Model hydrology and water quality within the St Albans Bay Basin
- Understand flood risk to extreme events
- Explore how internal mechanisms are influenced by extremes

THANK YOU
