

Who Is SC²?



The Skagit Climate Science Consortium (SC²)

SC² is a group of research scientists from federal, municipal, tribal, and university organizations working to provide credible science and technical information to local people in the Skagit basin as they assess, plan and, where necessary, adapt to climate-related impacts.



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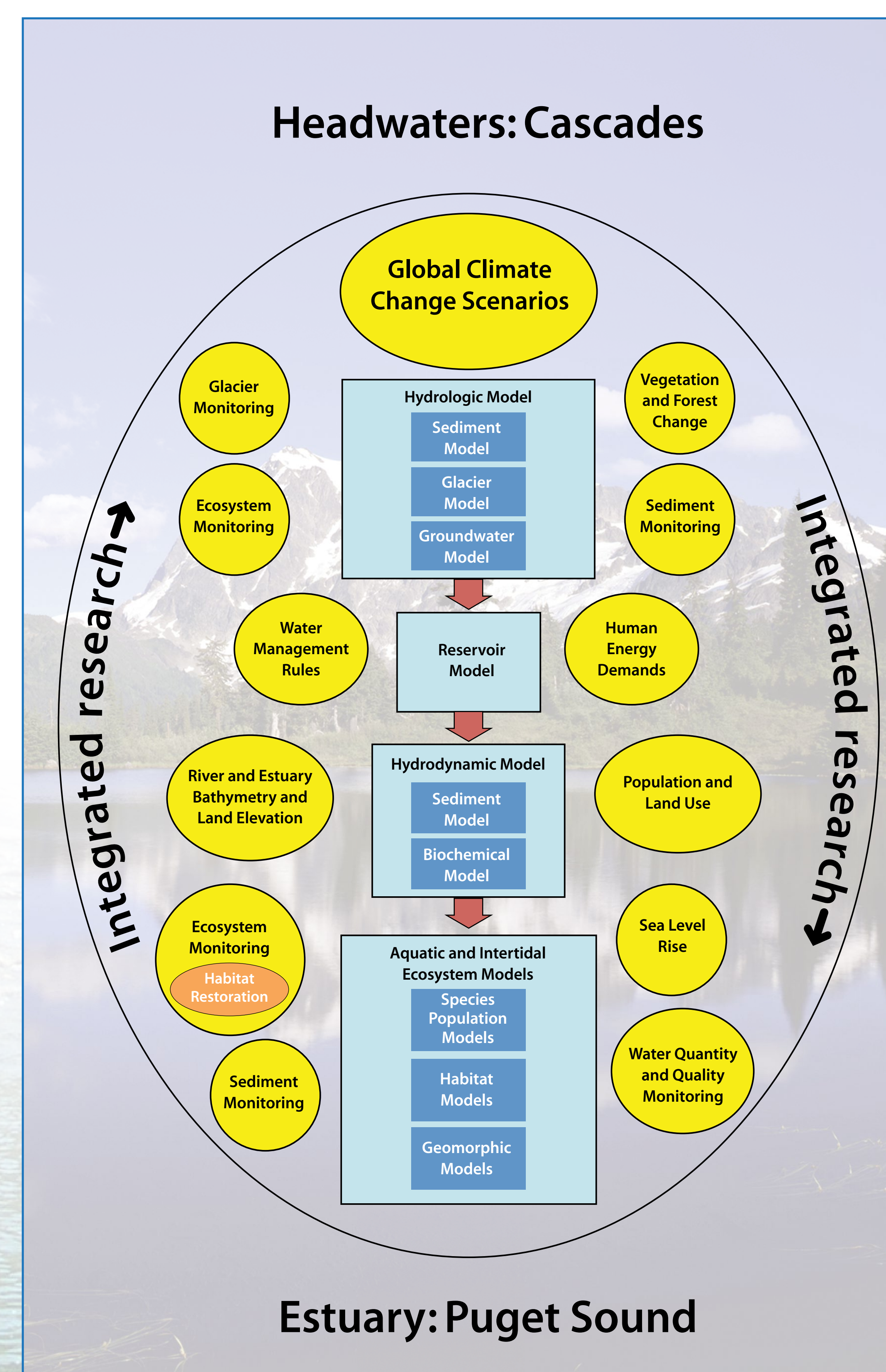
Integrated and Coordinated Research

Indicates data SC² scientists collect and use to understand modern flooding, to assess recent changes, and for models that integrate multiple factors to project a range of possible future conditions (i.e., more water, warmer air temperatures, etc.).

Models are based on understood relationships that use data from monitoring in the Skagit area and beyond. The outputs of these models tell scientists something about how the Skagit River system may behave under different scenarios of future change.

Submodels have outputs that feed into the larger models.

The models are continuously improved as new data is available.



Skagit Headwaters to Puget Sound

SC² scientists seek to understand how the landscape, plants, animals and people may be affected by changes in the patterns of rain, snow, temperature, storms and tides so we can support Skagit communities with high-quality, integrated research services as they adapt to a changing climate.

Mission: to reduce the vulnerability of Skagit human communities and ecosystems to the impacts of a changing climate, we:

- Collaborate across disciplines
- Pool our funding, expertise and research to improve accuracy
- Conduct meaningful analyses to identify where communities are vulnerable
- Provide information for decision-makers to weigh various options
- Respond to local communities and integrate their concerns into research

www.skagitclimatescience.org

This project has been funded in part by the United States Environmental Protection Agency under assistance agreement 00J30901-0 to the Swinomish Tribe. The work of SC² does not necessarily reflect the views and policies of the Environmental Protection Agency, nor does mention of trade names or commercial products constitute endorsement or recommendation for use. Additional support has graciously been provided by the City of Anacortes and Seattle City Light.

