

# SWIMS Progress Report

Inception (what to build)				Elaboration (how to build it)				Construction (build it)				Transition (use it)				Close-out (wrap up)			
2025				2026				2027				2028				2029			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

## Progress Report (January – March 2026)

### Streamgages

- Coordinated with Field Services Division to learn about factors influencing flow records at 263 gaging stations. Information will be included in a gage catalogue that describes the quantity and quality of data collected by gaging stations. *(Support from Hydrographics and Field Services Division)*
- **Streamgage network expansion:** Installation on the North Fork Coquille River in the South Coast basin complete. *(Support from Hydrographics and Field Services Division)*

### Data & system architecture

- Components of the overall system architecture have been constructed, including the computing system, data server, intermediate data storage, and file transfer protocol server. *(Leads: Michael Smith, Paul Post)*
- The project team evaluated various data products to provide the geospatial framework for SWIMS, including the Water Availability Basin network, National Hydrography Dataset, and National Hydrology Model.
- **Reducing streamflow data publication backlog:** The Hydrographics program published 35 water years of record to support the SWIMS project.

### Meetings of note

- **Application scoping:** Members of the Internal Working Group participated in a brainstorming session to scope applications to meet business needs involving water availability information. *(Leads: Michael Smith, Paul Post)*
- **Technical Advisory Group:** During our quarterly meeting with external experts, presentations and discussion focused on the modeling framework including the geospatial framework, use of environmental data as predictor variables, approaches for developing a predictive model, and the impacts of climate change on modeling.