Visualizing Environmental and Dam-Operation Drivers on Total Dissolved Gas (TDG) and Juvenile Salmon Passage

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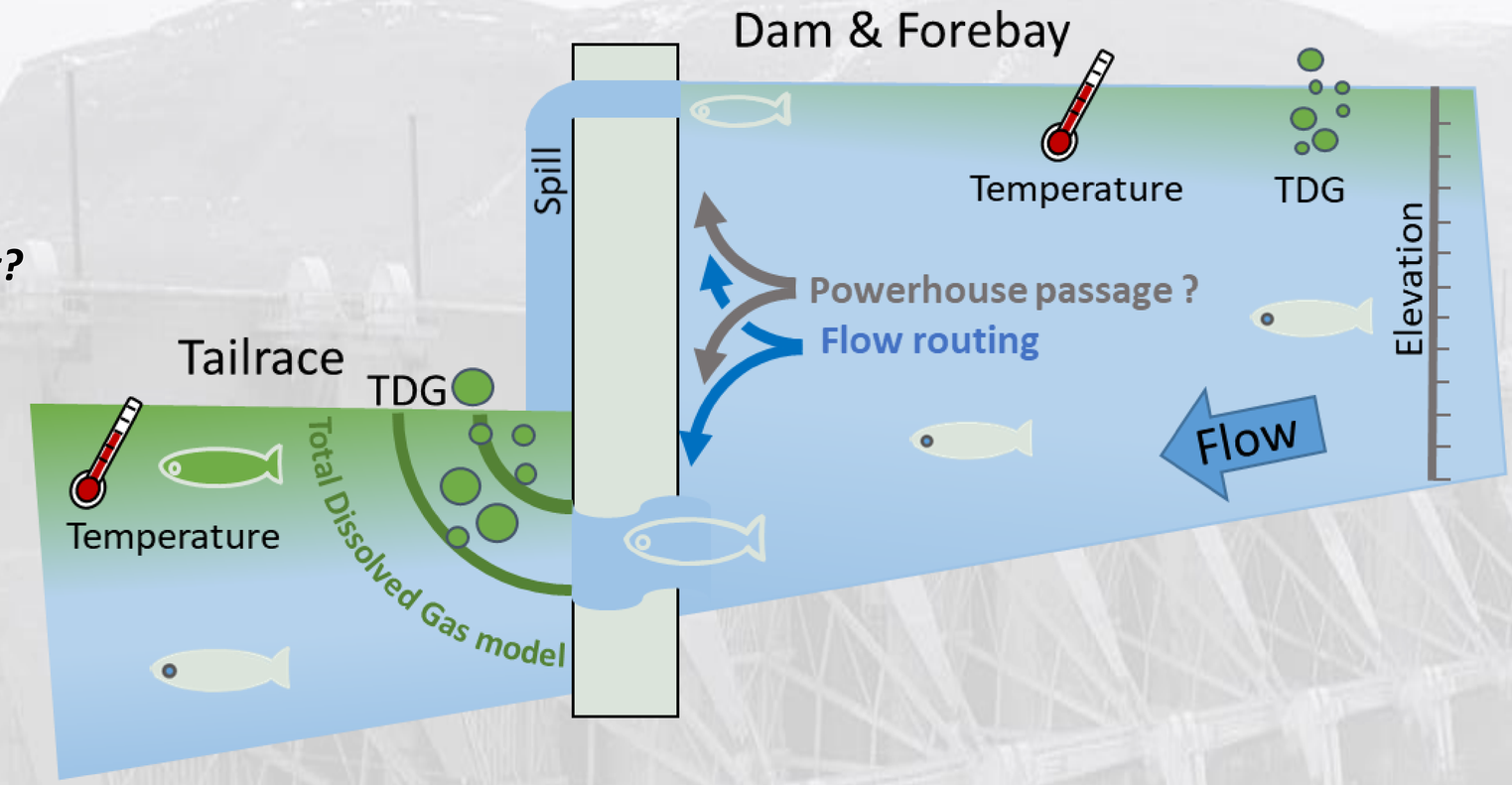
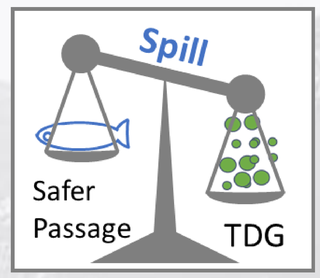
What?

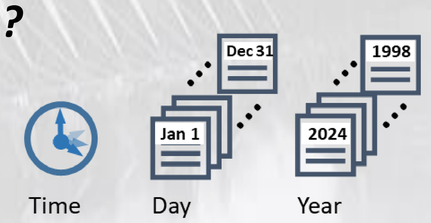


Why?



Learning from the past we can better predict and direct the future

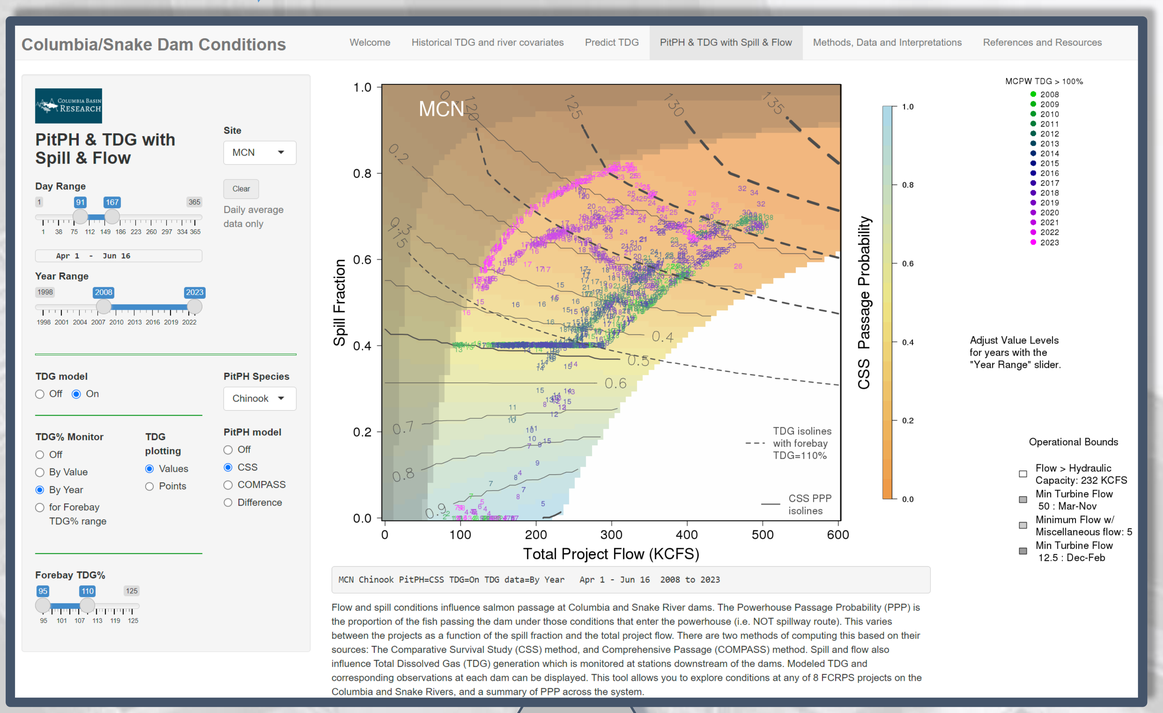
When?



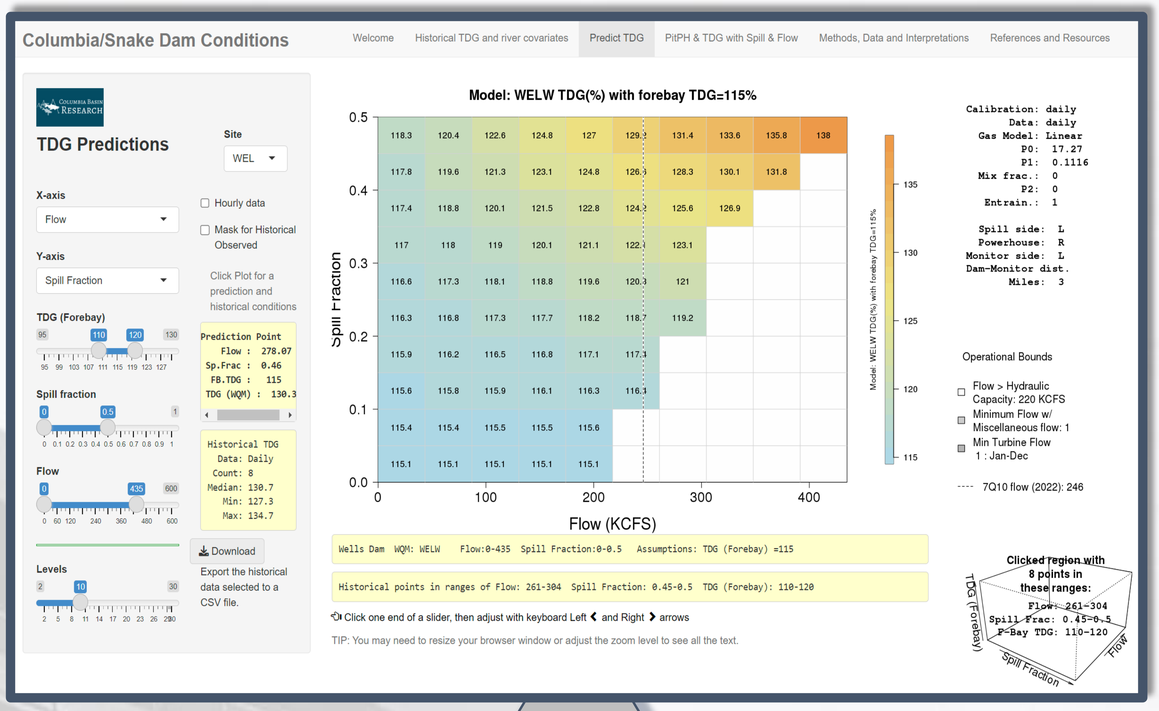
How? **Interactive App on Dam Conditions web page: www.cbr.washington.edu/shiny/DAM_CONDITIONS/**

Where? Assembles, filters, and illustrates data and predictions of environmental conditions, operations, and juvenile salmon passage at 14 Columbia and Snake river dams in Washington and Oregon.

Spill-influenced trade-offs between powerhouse passage and TDG



Forecast TDG based on dam operations and environmental conditions



Background Image: John Day Dam ©US Army Corps of Engineers https://www.nwd.usace.army.mil/Media/Images/igphoto/2003015871/

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Who? Stakeholders, Rights-holders, Public, Managers

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each dam is unique
their data is the model
and patterns will guide