Tracking The Puget Sound: HRCDash

WHO WE ARE

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T.R.O.U.T.
TOTAL RESOURCE OBSERVATION UTILITY TEAM

THE PROBLEM

WDFW has invested in the development of cutting-edge new data collection and analysis techniques to track land cover change throughout the Puget Sound...

. . . but how do we make this data *open* and *accessible* to both the *public* and *lawmakers* to help develop a better understanding of environmental changes?
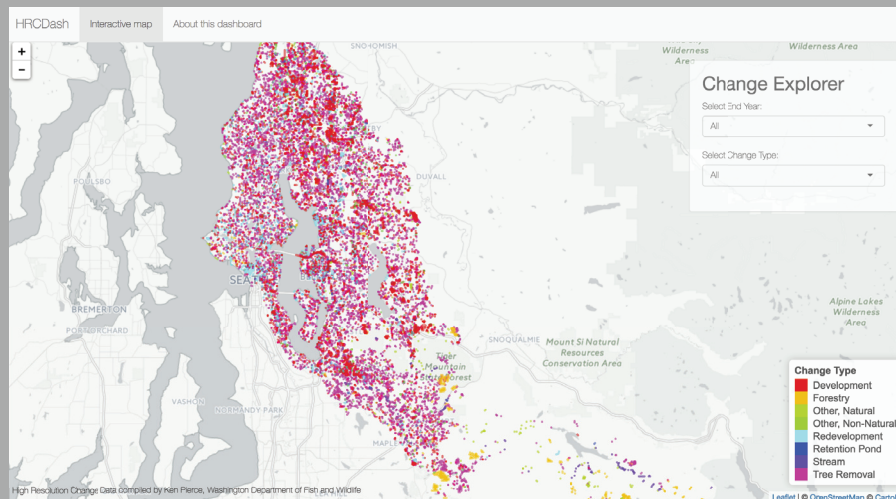
TEAM MISSION

Data to the People: Allow people to see actual changes over time through land imagery with descriptions

Visualize Change: Leverage WDFW data to visualize the story of environmental change in the Puget Sound region

Keep It Open: Display high-resolution change data through an interactive, open source technology framework
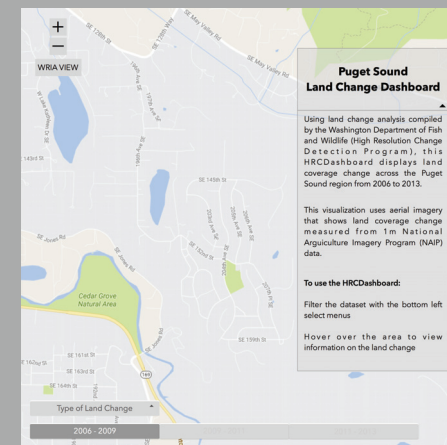
OUR SOLUTION
The HRCDash

Fully functional Proof-of-Concept using one Water Resource Inventory Area

Future Steps: Integrate with the WDFW website and publish replicable code for remaining WRIAs
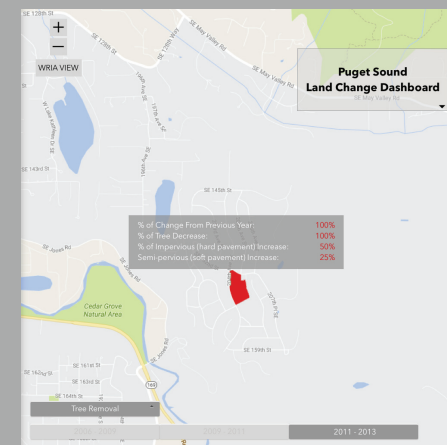
OUR DESIGN PROCESS

Discovery & Information Gathering

Paper Prototyping

Iterative User Testing

Technical Development

OUR PROTOTYPE

The prototype was developed and iterated from the discoveries we made during our user testing phase

The goal of our prototype was to ensure that our solution successfully meets our team mission before moving on to the development stage

WASHINGTON DEPARTMENT OF
FISH & WILDLIFE

ODL
OPEN DATA LITERACY

Information School
UNIVERSITY of WASHINGTON