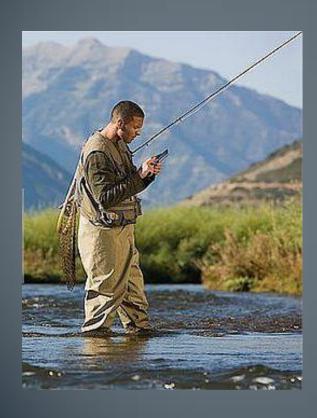
WDFW Mobile Fishing Regulations
Application

New Frontiers in Public Outreach

Fish and Wildlife Commission Meeting March 17, 2017

Brodie Cox, Biological Data Systems Unit Leader Melody Alefteras, Senior Software Developer

Why Take on Development of a Mobile Fishing Application?



- One of our most requested items from our angling community and advisory groups
- Identified as high priority during the Wild Future listening sessions

Nobody else is doing what we're doing

- Originally sought out private contractors
- No viable off-the-shelf solutions that met required functions and off-line capability
- Looked nationwide and couldn't find a similar application in other Agencies

Philosophy/ Approach

- Highly skilled, cross-trained team / rapid development cycle / broad user input
- Efficient reusable components / agnostic architecture
- Leading edge technology
- Use free software where possible to control expenses
- Exploration of commercial ads funding for O&M

Demonstration

Melody Alefteras

Timeline

Alpha Sept 2016

Ability to add, modify, and delete rules, assign to a body of water (replacing current functionality)

Ability to see rules for which a particular user is responsible for

Ability to see these rules on a feature map based on current location

Beta December 2016

Ability to filter the features around you based on limit, size, gear and species group

Ability to notify users immediately of new emergency regulations

Ability to add restrictions to bodies of water, such as two pole endorsement

Corrections from Fall UAT

1.0 March 2017

Ability to view these rules in a searchable format on an interactive web application

Ability to add, modify, and delete management templates and associate them with WACs

Ability to assign management templates to bodies of water

Corrections from Spring UAT

Ability to publish the sports regulation manual from the sports regulation management portal

1.1 July 2017

Any corrections from production use

Work items as prioritized by stakeholders team

Future Expansion Potential

- Future hunting mobile regulations application
- CRC reporting integration
- Integration with Fish Washington as a 'smart' fishing guide
- In-season fishing and hunting promotions & ad support
- Portable design Could be replicated in other Natural Resource agencies with relative ease