

# NW WA GIS Meeting

## June 16, 2017 – Padilla Bay

9:00 – 10:00 ESRI Presentation

10:00 – 10:15 News, Round Table, Introductions, and Discussion

10:15 – 10:30 Break / Mix & Mingle

10:30 – 11:55 Presentations

Afterwards: Wrap-Up & no-host lunch locally

### Using the Esri Platform to Rapidly Deploy Solutions

*TJ Abbenhaus and Scott Wolter, ESRI*

Esri has created a strong and stable platform that can provide a complete commercial off the shelf (COTS) solution. Learn how to quickly create and share maps and applications to support your work. We will discuss application integration and show how solutions can be started from zero and contain the necessary components to make share and use maps on any device anywhere at any time.

### Optimizing shipping corridors in Canada's NW passage

*Jeremy Davies*

Climate change in the Arctic is resulting in diminished ice cover and longer periods of open water in Canada's far north, and the once elusive Northwest Passage is now traversed on a regular basis. Increasing vessel traffic can provide an economic boost to the region, but such traffic also brings shipping-related risks to Canada's Arctic and the communities that depend on the region's natural resources. In this presentation, I will give an overview of some of the data and tools that can be used to assess the risks associated with shipping in Canada's Northwest Passage, and show how a network of integrated shipping corridors can be used to minimize those risks.

### An Alternatives Analysis Tool for the West Coast

#### Groundfish Essential Fish Habitat Review

*Allison Bailey, Sound GIS*

The Pacific Fishery Management Council (Council) is currently reviewing Groundfish Essential Fish Habitat Conservation Areas (EFHCA) off the West Coast of the United States. The Council is evaluating proposals that include additional areas to be closed to commercial trawl fishing, as well as re-opening areas that are currently closed. During this review, they will consider the importance of the habitat to groundfish (i.e., rockfish, flatfish) and other ecosystem components, as well as the economic impact or benefit to the fishing community. To facilitate the Council's review of the EFH alternatives, I developed a web-based decision support tool, using JavaScript, to query and access the analytical information visually and interactively. Ideally, this tool will support better decision-making about fisheries management and habitat conservation.