

ADRIFT – Year 3 Priorities

Invasive Species

- Synthesis of JTMD species and interceptions
- Retrieval of fouling panels deployed in 2015 (WA and AK), processing and synthesis (no new deployments in North America)
- Tohoku fouling panel survey: spring 2016 deployment and immediate processing following 1 month and 3 month deployments (likely 2 sites max)
- Processing of genetic samples collected in Year 2 (JTMD barcodes, panels, mussels) and those collected early in Year 3 (Tohoku field survey barcodes, remaining fouling panels from WA/AK, remaining mussels)
- Interception of new JTMD debris items (until July 2016) and processing
- Algae field surveys for BC and AK
- Finalization of species lists for field surveys previously conducted in WA and OR (no new surveys in WA/OR)
- Algae JTMD synthesis

Modeling

- Produce trajectories of confirmed debris items and associated environmental conditions (temp, salinity, etc.) along these trajectories
- Estimate relative amounts of debris types to different North American ecoregions
- Synthesize JTMD model results from the three models

Surveillance and Monitoring

- Synthesize debris monitoring methods
- Maintenance of OR webcam installation and data analysis
- Synthesize state of debris in Hawaii

Risk Assessment

- Species risk assessment: completion of life history database, transfer data to NEMESIS database, application of the CMIST screening risk assessment tool to all JTMD and Tohoku species, risk scores peer review workshop, synthesis
- Vector risk assessment: application of vector risk assessment framework, small data working group meeting, results workshop, synthesis
- Qualitative and descriptive comparison of JTMD to other invasive species vectors

Publications/Products/Meetings

- Co-chairs meeting – April 2016
- 2016 PICES Annual Meeting: Co-chairs meeting (Nov. 4) and special ADRIFT session (Nov. 8-9)
- Special issue of Aquatic Invasions – taxonomic manuscripts (due May 2016)
- Special journal issue for PICES-2016 ADRIFT session (due December 2017)
- Project brochure (English and Japanese version)
- Mini symposium in Japan in 2017 (dates to be decided)