

Itinerary for March 15th trip to Port Townsend and Discovery Bay

9:15 am	Meet at University Inn and depart at 9:30 am (sharp)	30 minute drive
10:20 am	Catch the 10:20 am ferry at Edmonds (the Puyallup)	30 minute crossing
11:00 am	Drive from Kingston to Port Townsend	60 minute drive
noon	Lunch at the Bayview Restaurant	60 minutes
1:00 pm	Look at latest Port Townsend inundation maps/pedestrian evacuation maps. We may be able to use some space at the Port Townsend Marine Science Center https://ptmsc.org/	30 mins?
1:30 pm	Drive to Discovery Bay marsh	30 minute drive
2:00 pm	Suit up & hit the marsh	Tsunami deposits!
4:00 pm	Back to vehicles & clean up/change	
4:30 pm	Drive to Kingston ferry terminal	40 minute drive
5:30 pm	Catch the 5:30 ferry to Edmonds (the Puyallup again)	30 minute crossing
6:00 ish	Drive back to UW	30-50 minute drive
6:45 ish	Arrive at University Inn	

Be prepared to get muddy. Bring a change of clothes and shoes for the ride home. The mud sucks loose-fitting shoes and boots off, so lace-up boots or snug waders are recommended. You may also wish to bring gardening gloves to keep your hands clean. Also, be prepared for the possibility of rain.

The walk from the parking area to the entrance to the marsh is along a paved pathway, and then once in the marsh over uneven surfaces with knee-high plants and on sparsely vegetated mud.

We will bring trash bags to stow muddy items, and water to help rinse off.

Sandy tsunami deposits at Discovery Bay record as many as nine tsunamis between 2,500 and 300 years ago. We will examine these in sediment cores and in outcrops at low tide. The tsunami sources at Discovery Bay include the Cascadia subduction thrust, faults beneath the Strait of Juan de Fuca and Puget Sound, and slope failures. In addition, the 1964 Alaska tsunami caused flooding at Discovery Bay, but the 2011 Tohoku tsunami did not.

Further reading: the paper <http://doi.org/10.1191/0956683605hl784rp> and the GSA Field trip guide available on the workshop webpage: <http://depts.washington.edu/ptha/M9-Disaster-Science-Workshop-2019/>.