

Kate Bimrose, Greater Farallones National Marine Sanctuary
Jan Roletto, Greater Farallones National Marine Sanctuary
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March 11, 2011 Japanese Earthquake and Tsunami

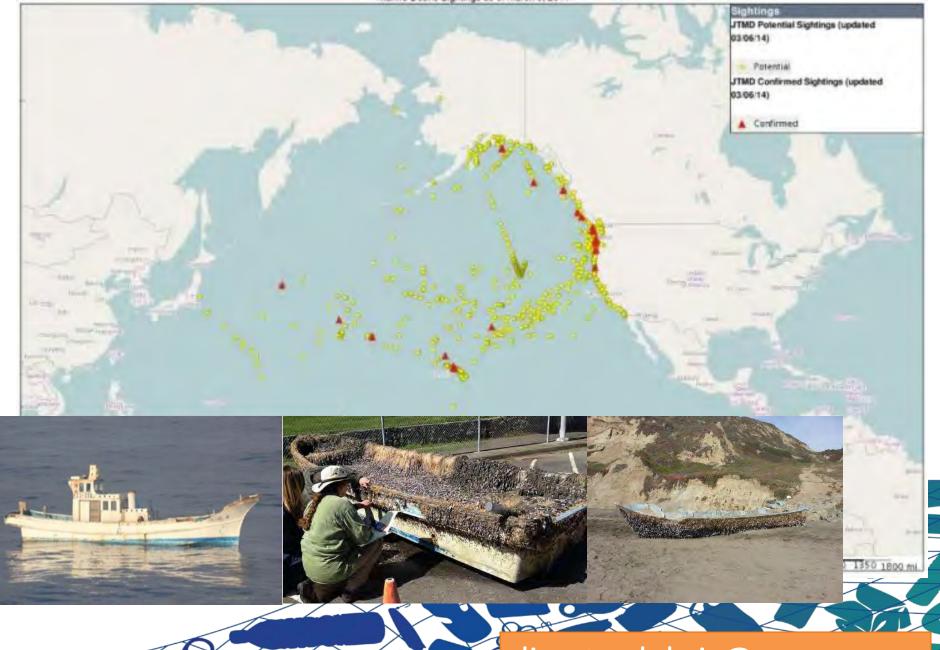
> 22 Thousand 309 Billion 50 Million 5 Million tons 1.5 Million tons













disasterdebris@noaa.gov



June 5th 2012 Agate Beach, Oregon









Marine Debris Monitoring and Assessment Project (MDMAP)

NOAA MDP executed a **national shoreline monitoring program** in 2012, in order to compile a rigorous **marine debris dataset and establish standardized protocol**

Citizen science effort to track abundance, types, and concentration of

debris on beaches

Globally, **341 shoreline sites** surveyed

Over **4,000 surveys** uploaded

to NOAAs online database

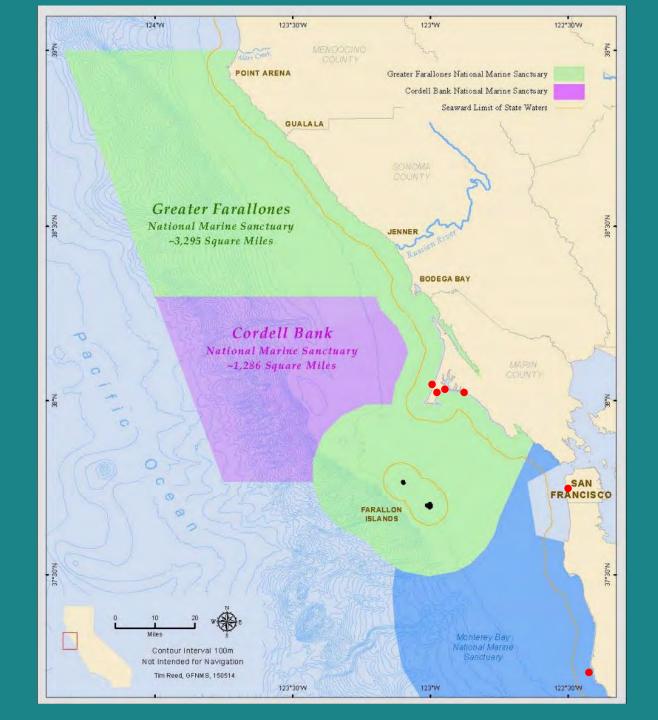






July, 2012 to February, 2018

- 6 permanent beach survey sties
- 324 surveys conducted
- 126 volunteers
- Over 30,000 items recorded





Record counts of man-made items larger than

2.5 cm (1 inch) within seven different categories

1) Plastic

2) Metal

3) Lumber

4) Rubber

5) Glass

6) Fabric/cloth

7) Unclassified







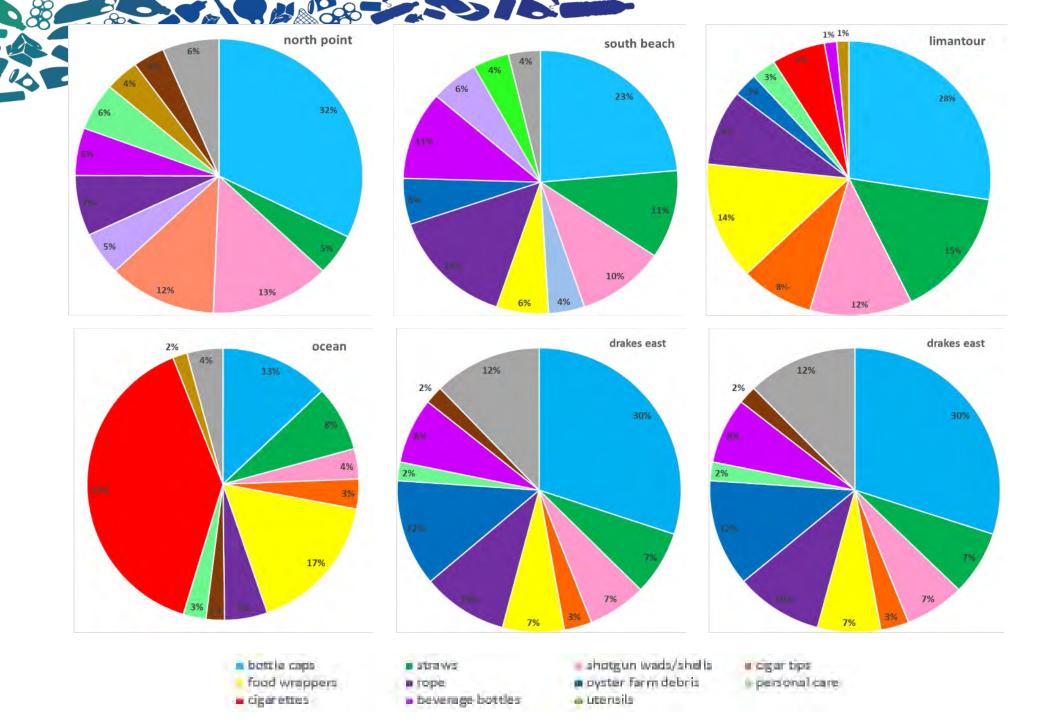




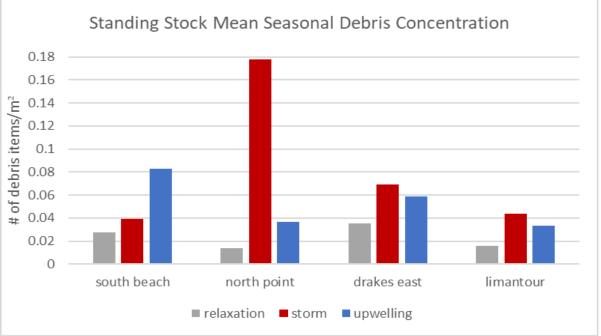


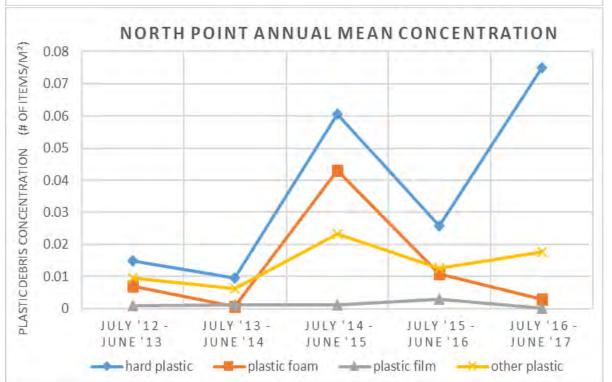




















THANK YOU!