



NOAA
FISHERIES



Alaska ShoreZone: A Coastal Habitat Mapping Program

Auke Bay Laboratories
Alaska Fisheries Science Center

Mandy Lindeberg



Why ShoreZone?

Human Activity

Originally developed for oil spill planning and response



Why Alaska? A History of Human Impacts to Coastal Areas

- *Exxon Valdez* oil spill 1989
- *Selendang Ayu* break up 2004
- Drill Rig *Kulluk* 2013
- USCG: July – Sept. 2015 =
16 F/V groundings



F/V Savannah-Ray, Kodiak March 2015



Alaska ShoreZone Program:



A partnership of many agencies and NGOs collaborating on various aspects of ShoreZone:

- **Steering Committee**
- **Coordinator**
- **Surveys, mapping**
- **Products, Outreach**



**In kind
We Trust**



Alaska ShoreZone Coordinator:



- **ShoreZone Partnership Coordinator, *TBD***
- *Now have funding through March 2016*

- **Facilitates steering committee, partners**
- **Proposals, funding, contracts, surveys**
- **Communication, education**
- **Special projects**



**Thank You
Amalie
Couvillion!**



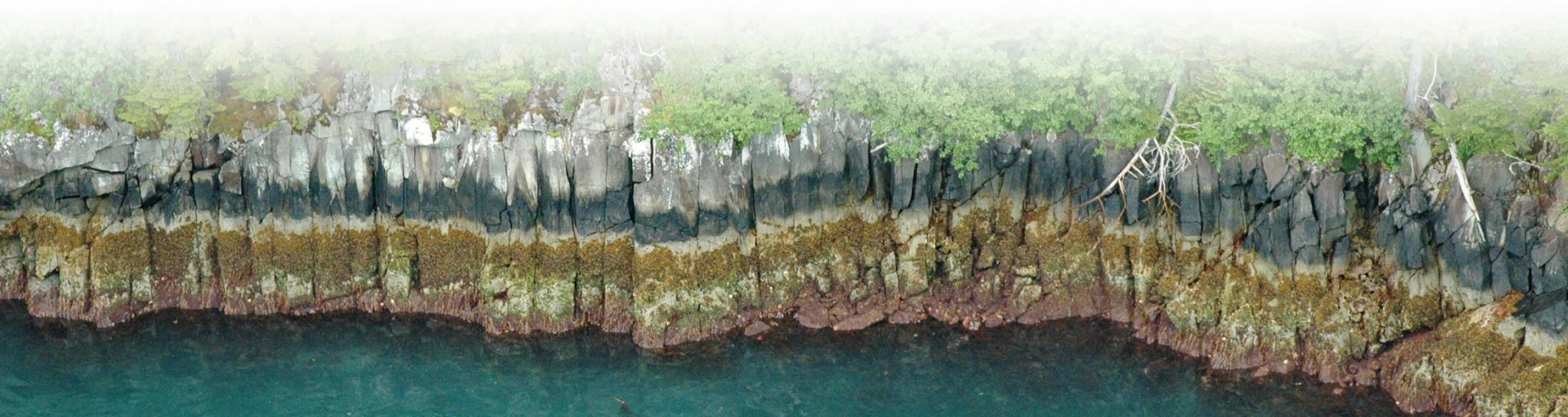
ShoreZone Steering Committee



- **Prioritize activities of program**
- **Search for funding and partners**
- **Develop new products**
- **Communicate program activities**

STEERING COMMITTEE MEMBERS

SZ coordinator	TNC
Catherine Coon	BOEM
John Harper	Coastal & Oceans Resources
Tahzay Jones	NPS
Cindy Hartmann-Moore	NMFS, AK Regional Office
Amy Holman	NOAA
Steve Lewis	NMFS, AK Regional Office
Mandy Lindeberg	NMFS, Auke Bay Labs
Mary Morris	Archipelago Marine Research
Susan Saupe	Cook Inlet RCAC
Tim Robertson	Nuka Research
Carl Schoch	Coastal & Oceans Resources



2015 ShoreZone Partners



- NMFS AK Region
 - NMFS Auke Bay Labs
 - NOAA NOS
 - NOAA AK Region Collaboration Team
 - US DOI FWS Yukon Delta
 - US DOI FWS NWR
 - US FWS ALCC
 - US FWS WALCC
 - US DOI NPS
 - US DOI BOEM
 - US DOI BSEE
 - PWS RCAC
 - CI RCAC
 - TNC
 - UAF GINA
- and many more



ShoreZone Online Services



NOAA website:

- Web enabled GIS
- YouTube streaming video
- Download video clips
- Download shapefiles, xshore
- Fish Atlas and Shore Station overlay

ShoreZone.org

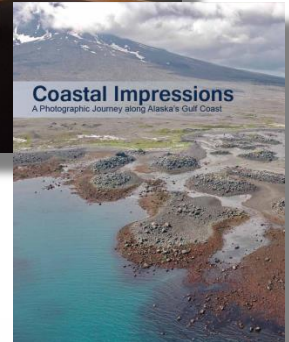
- All things ShoreZone
- West Coast ShoreZone
- Online web enabled GIS for AK, WA, OR, ... BC, CA?



ShoreZone Outreach



- Friend us [facebook](#)
- [ShoreZone.org](#)
- Webinars
- Coastal Impressions
- Community outreach



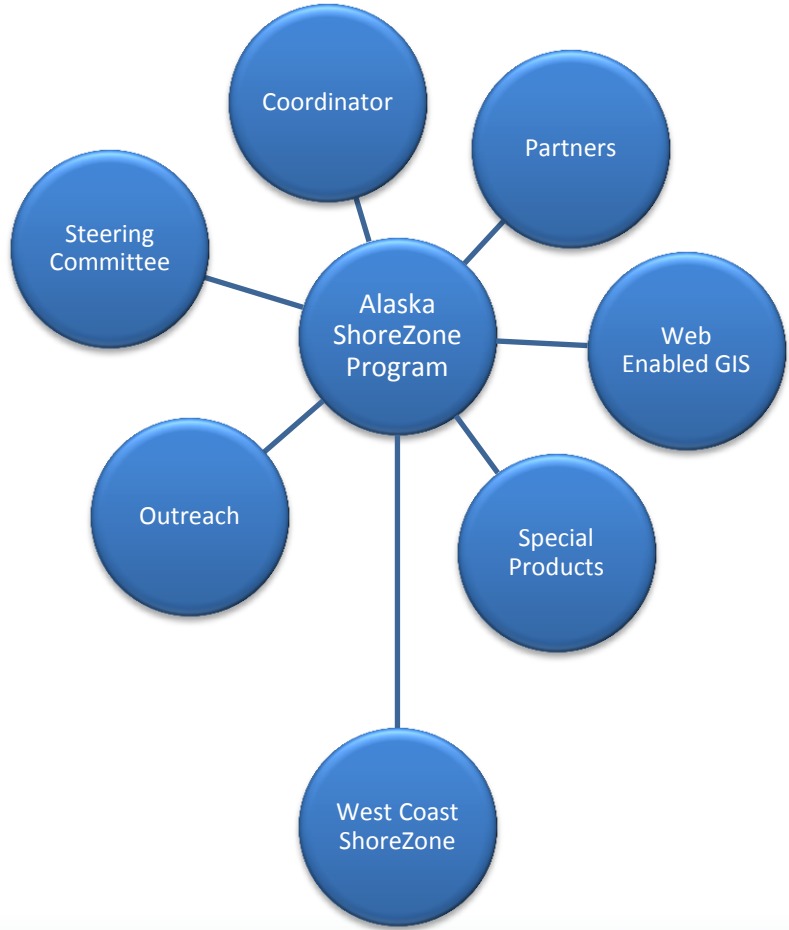
ShoreZone Users – many we didn't anticipate!

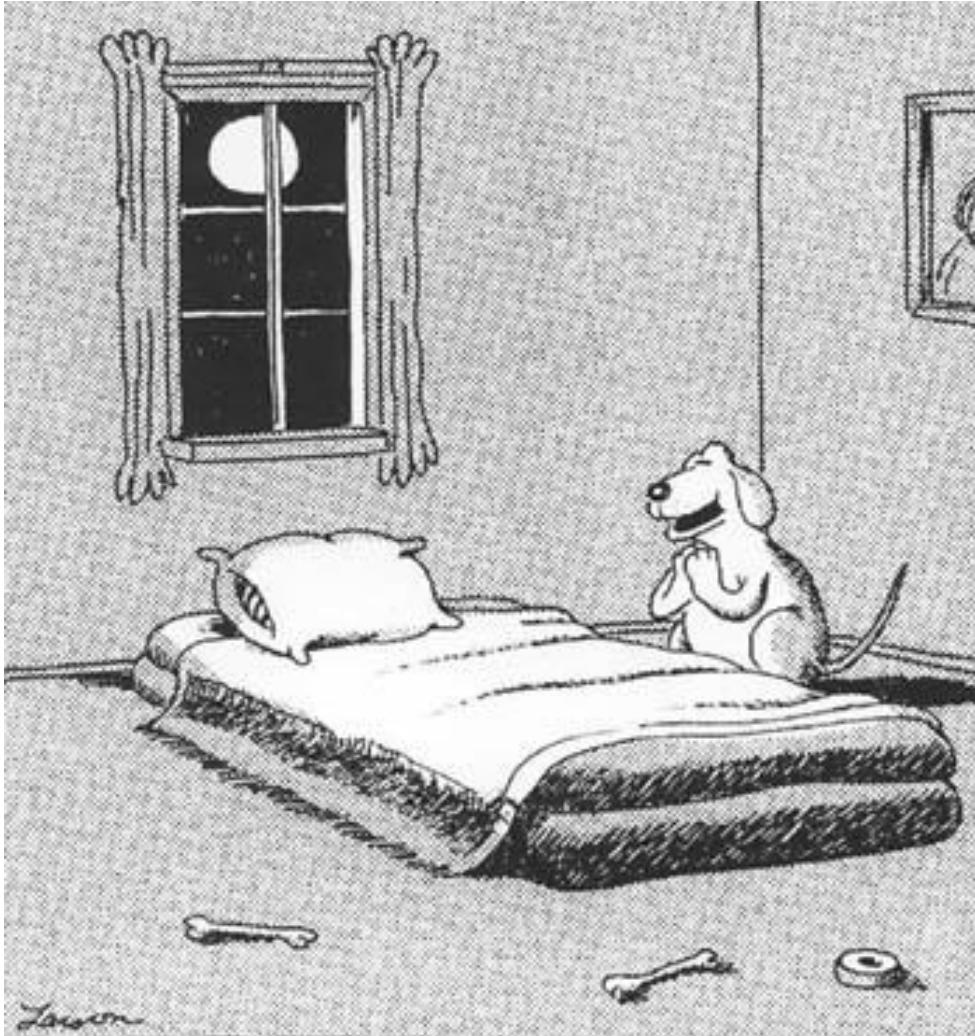
Random List that came across my desk in the last year:

- Rome Italy – Iberpress photo news agency
- Univ. Algarve Portugal – Global distribution of Giant Kelp
- Geoduck documentary – Story House Productions, Wash. D.C.
- Rpt to EVOSTC – lingering oil and Restoration Assessment
- NMFS highlight article – Art Meets Science on the AK Coastline
- NOAA Under Secretary – Request for coastal erosion slides
- NOAA Climate Tool Kit – ShoreZone added, press release POTUS



AK ShoreZone Org Chart





More of Everything !

- Personal helicopter
- Research vessel
- Free unlimited cameras
- Super computer
- Jim Noel
- Move over Google!