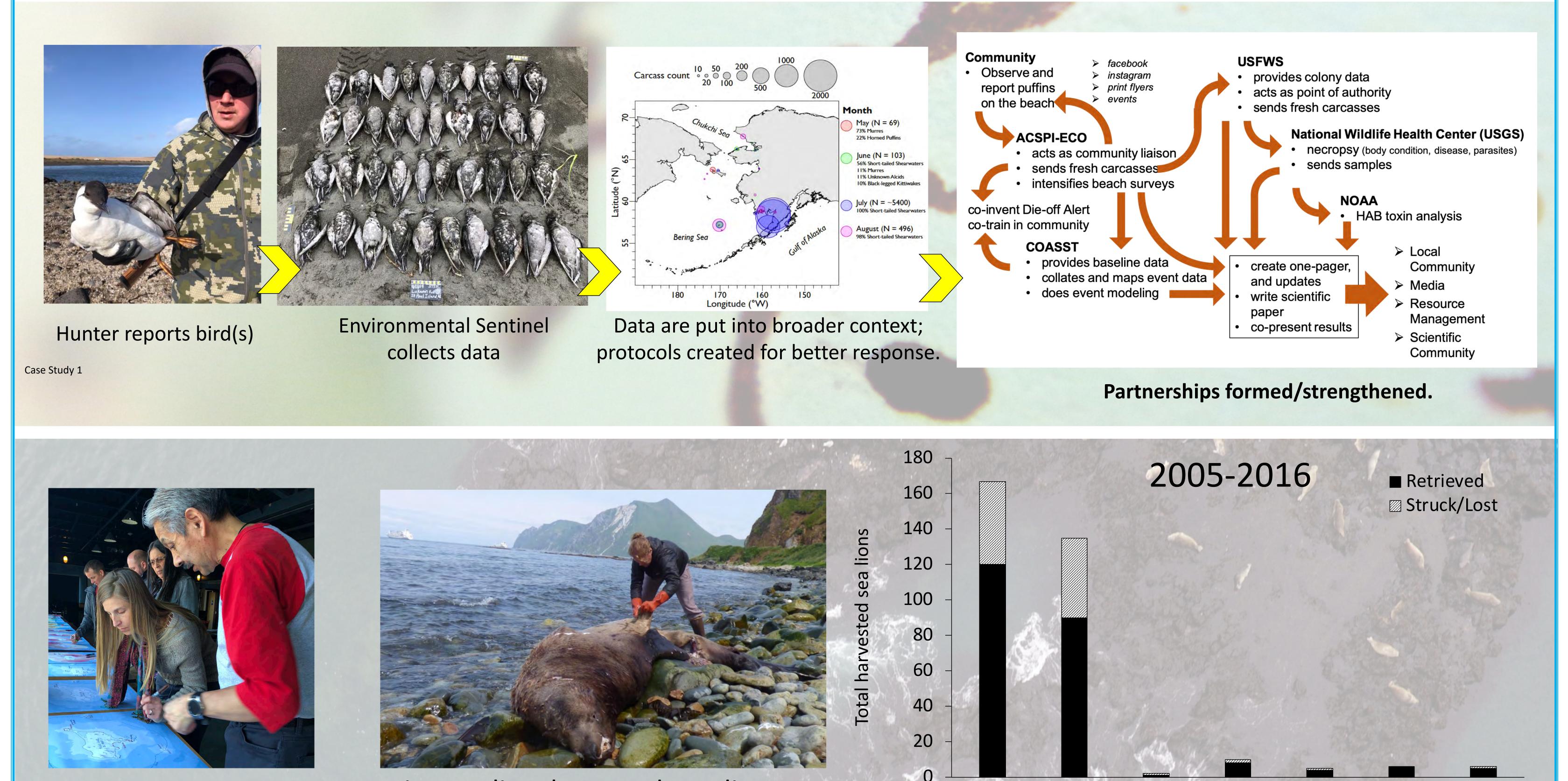
Co-production of knowledge, tools for decision-making, facilitating integration of scientific knowledge of all kinds at the community level, and supporting the training of local leaders all contribute to adaptive capacity and resilience.



Traditional knowledge: information sharing

Case Study 2

Biosampling: harvest data, disease, contamination info

Standardized Data Collection:

cked SIM ♥ 5:11 PM 554 K BeringWatch		Locked SIM * 5:20 PM * 52%	Locked SIM 🗢 5:25 PM & 51% = 1 K BeringWatch	Locked SIM 🗢 5:31 PM & 50%	Locked SIM 🗢 5:34 PM \$ 50%
G ≡ General Information O	Environmental Conditions	0 E GPS Location 0	0	Ø ≡ Conditions 8 Benaviours Ø	-
Community *	Weather Method		Species/Object *		Record #2 Created: 2/19/2018, 4:06:45 PM
St. Paul Island	Davis Weather Station	Latitude	Fish & Wildlife	Species/Object Conditions Type: Sentinel Observation Oiled Observer: Bruce Robson advanced decomposition Program: Bering Watch Dead-unknown condition Image: Sentime form diseased Image: Sentime form	
	Wind Speed	39.61620936517352	Fish		
Program *	8-12mph v	Longitude			Constraint num
Island Sentinel		2,7476441380560175	Salmon Unidentified		
Data Entry	Sea State	Altitude (m)	Presence/Absence	emaciated fresh dead	
Bruce Robson	4ft-6ft V	86.37818908691406	present	good	+ Add Observation Details
Start Date * Aaron Lestenkof	Wind Direction Select an option	Location Accuracy (m)	ID Confidence	moderate decomposition	
Feb 27, 2018 at ; Alexay Lestenkof	NW <1/4ft	65	Unconfirmed	mummified/skeletal non-reproductive	Record #1
End Date Alyssa Bourdukofsky	Tide 1/4ft-1/2ft		Sex	Image: Tagged Unknown Condition Created: 1/25/2018, 6:46:23 AM Type: Sentinel Observation Observer: Bruce Robson	Created: 1/25/2018, 6:46:23 AM
Amberly Weice	Mid 1/2ft-2ft	Altitude Accuracy (m)	Female		Observer: Bruce Robson
Feb 27, 2018 at Amos Philemonoff	2ft-4ft Temperature °F	26.98215103149414		Species/Object Behaviours	Program: Island Sentinel
Observer 1 * Andrey Kuzakin	4ft-6ft	I Bari'i see ricensi GPS rosava	Age Class	active	
Bruce Robson Andronika Emanoff	6ft-10ft	(in term) CP3 access (GPS menter (paped))	Adult	attraction	
Observer 2 Andy Malavansky	10ft-14ft	Gat GPS data	Exact Count	avoidence breeding	Ca Linlosd new
Lauren Divine Anna Gould	14ft-18ft		5	feeding	
Observer 2	18ft-22ft		Minimum Count	floating	

Northeast Point

Reet

Region

The BeringWatch Indigenous Sentinels Network (ISN) is an expanding tribal-driven, collaborative

effort comprised of a wide diversity of partners in Alaska and Canada that enables reliable environmental and biological data collection in order to support and inform decision-making. The ISN has successfully implemented a variety of ecological surveys for over 15 years in remote communities in the Bering Sea and Aleutian Islands, Alaska, in order to collect baseline data, track changes occurring in marine and terrestrial ecosystems, and secure funding to implement adaptation and resilience planning efforts.

Dr. Lauren Divine Aleut Community of St. Paul Island

