

← Loggerhead Stretch Updates



Sea turtle research on the thermal corridor hypothesis, satellite tagged Loggerhead turtles released into the northeast central Pacific Ocean and tracked. Groups of 25 juveniles will be released every year for 4 years to span differing environmental/climatic conditions.

STRETCH UPDATES - COHORT 3

June 19, 2025



[Map: Cohort II Current Locations](#)

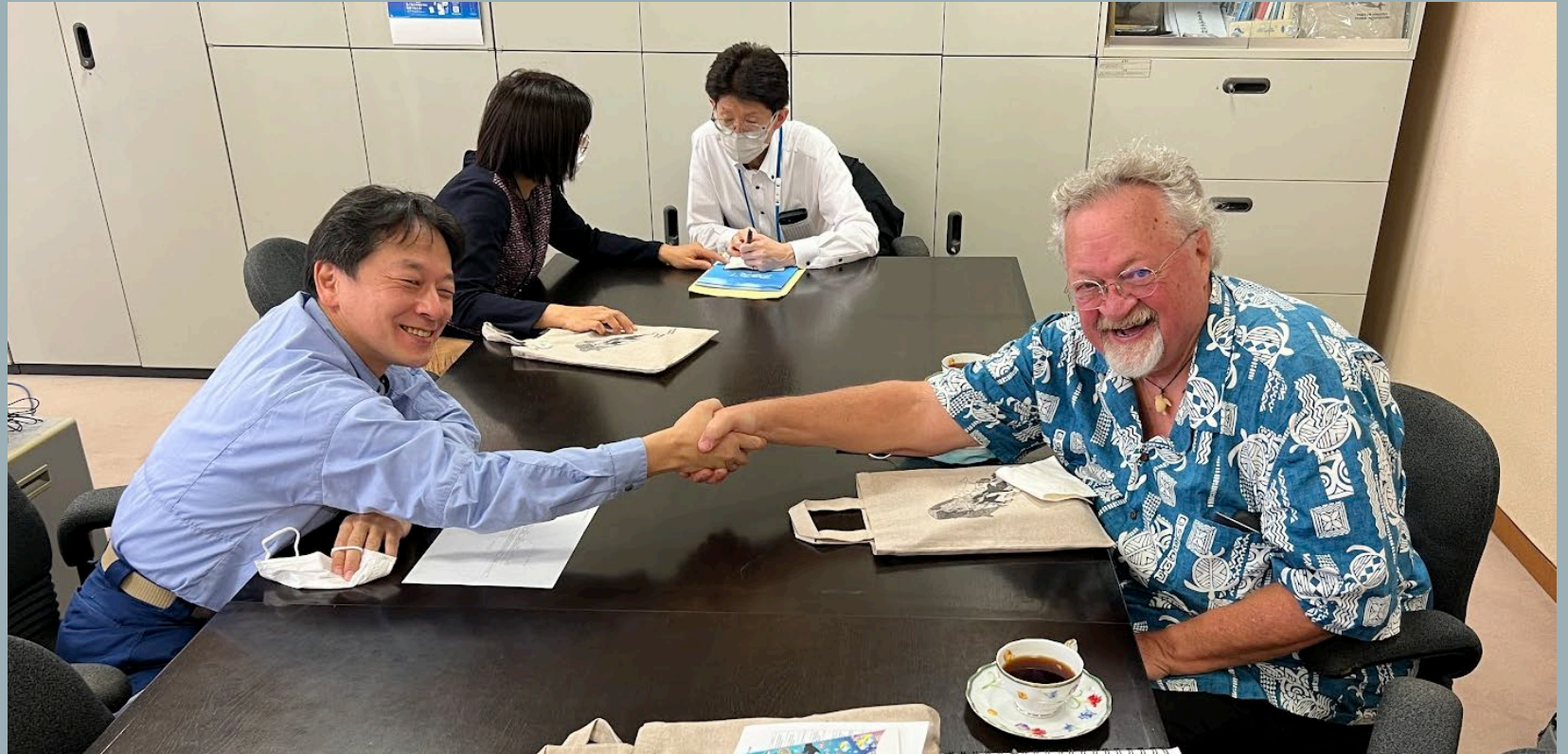
[Map: Cohort III Current Locations](#)

Fifth Annual Hawaii Pacific University Turtle Workshop
STRETCH RESOURCES AND INFORMATION

Engaging The Public: Our Blog as a Tool for STRETCH Outreach

Marc Rice
STRP, Hawaii Preparatory Academy

MAKING PUBLIC OUTREACH A PRIORITY



MAKING PUBLIC OUTREACH A PRIORITY

From the very beginning, outreach to the general public was a STRETCH priority and, after discussing ways to reach out, it was decided that we would create a website

- Project STRETCH history and science

- Post major updates

- Provide ed resources for students and teachers

- Links to social media

- Link to a blog



Loggerhead **STRETCH**

Sea Turtle Research Experiment on the Thermal Corridor Hypothesis

[READ OUR LATEST PUBLICATION!](#)

[CHECK OUT THE LATEST BLOG](#)

[CHECK OUT THE LATEST TURTLE MOVEMENTS & UPDATES](#)

[LEARN MORE ON OUR OUTREACH PAGE](#)

CONTRIBUTORS TO WEBSITE

Dana Briscoe- Website Coordinator

Cali Turner Tomaszewicz – research, outreach and FAQs

Bianca Santos-original content and ideas

Beverly Scharnhorst-webmaster

Jeffery Seminoﬀ-research, outreach and FAQs

Denise Parker-external user experience

Masanori Kurita-photos, videos, newscasts

Masanori Mori-photos, videos

Tomomi Saito-photos, videos

Alberto Abreu-web site translations

Gran Aquario Mazatlan-web site translations

Marc Rice & Laura Jim – photos, videos

The Entire STRETCH Team- all aspects were supported and reviewed

OTHER FORMS OF OUTREACH

- 1. Presentations by Larry Crowder, Alberto Abreu, Bianca Silva, Dana Brisco, Tomomi Saito – PICES, ISTS, Mazatlan Aquarium, Taiwan sea turtle workshop ,ETC.

OTHER FORMS OF OUTREACH



1. Presentation to high school students in Japan (Larry Crowder and Alberto Abreu), students in Hawaii and at community ed outreach events (Laura Jim and Marc Rice)

COVERED BOTH IN LOGGERHEAD STRETCH
AND IN STRETCH UPDATES

THEORY AND SCIENCE BEHIND THE PROJECT

RAISING THE TURTLES- youtube videos

ATTACHING THE TAGS- youtube videos

RELEASING THE TURTLES- youtube videos

NEWS STORIES ABOUT THE PROJECT - videos

POST RELEASE OF EACH COHORT

Once the turtles were in the water and data started coming in, people could follow their tracks on the website.

Here is where I thought the blog would be useful:

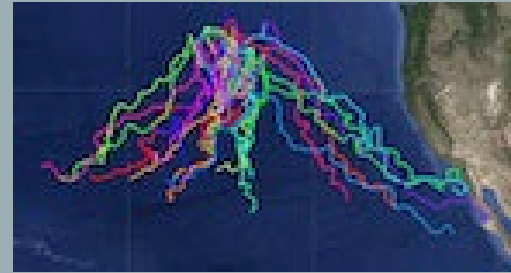
Post updates on Cohort tracks and create different maps of individual loggerheads

Relate oceanographic parameters to loggerhead tracks

Report on new / unusual happenings

Share overview and comments by STRETCH Team members

Share thoughts about and interpretations of turtles' behaviors





BLOG STRUCTURE

RUNNING POST- Each Cohort of loggerheads generally had only one post that was added to

When a new Cohort was released, a new post was published and information about previous Cohorts was updated along with the new Cohort

CREATING TRACK ANIMATIONS



COMPARING COHORT TRACKS



PROVIDING DATA ON TURTLES' TRAVELS

Turtle Number	Turtle Name	Total Distance Traveled (km)	Elapsed Time (h)	Rate of Travel (km/h)
57	Hokupaa	7049	9168	0.8
58	Eni	6406	9168	0.7
60	Niparaya	5294	9168	0.6
61	Purutau	5523	9168	0.6
63	Kisaragi	6947	9168	0.8
66	Mei	8850	9168	1.0
67	Miguel	6061	9168	0.7
69	Yorozu	6606	9168	0.7
70	Ho okele	5823	9168	0.6
72	Shiwazu	5747	9168	0.6
73	Rosa	7339	9168	0.8
74	Cruz	7087	9168	0.8
75	Fumi	7155	9168	0.8
76	Anacapa	7224	9168	0.8
77	Mutsuki	6210	9168	0.7
78	Hazuki	5408	9168	0.6
86	Moana Kai	7492	9168	0.8
87	Ehnally	7411	9168	0.8
88	Pericu	6781	9168	0.7

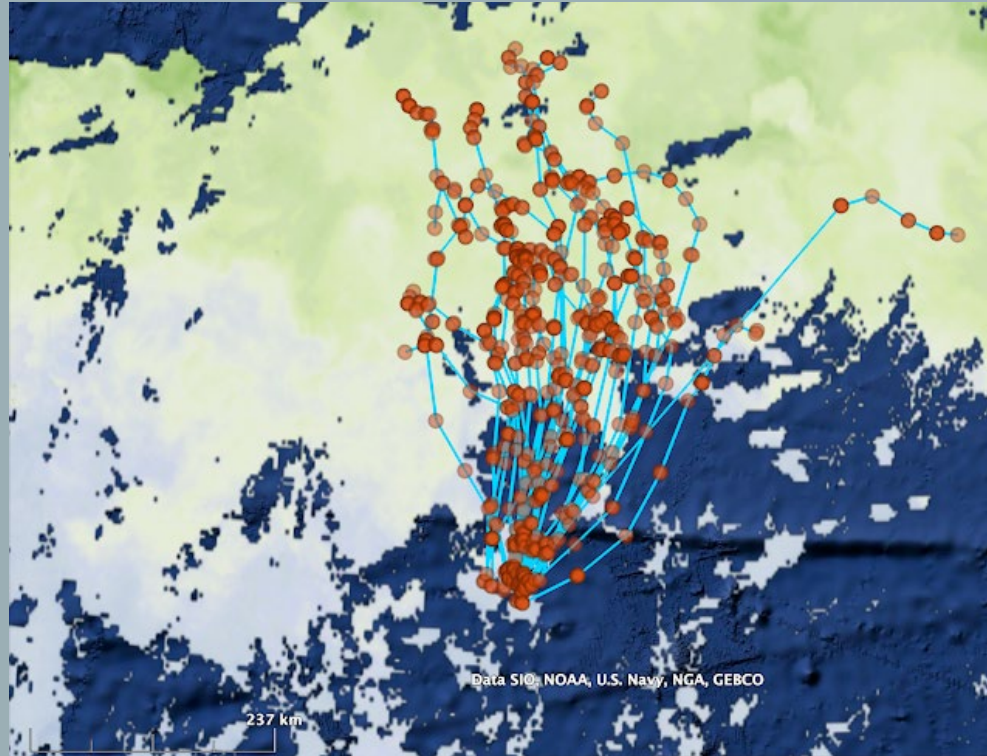
TAG PERFORMANCE DATA

Turtle number	Turtle Name	Battery Range (volts)
557	Hokupaa (Spot Tag)	4.35-3.45
558	Eni (Spot Tag)	4.28-3.40
560	Niparaya (Spot Tag)	4.25-3.40
561	Purutau (Spot Tag)	3.65-3.50
563	Kisaragi (Spot Tag)	4.30-3.40
564	Uzuki (Spot Tag)	3.58-3.42
566	Mei (Spot Tag)	3.88-3.42
567	Miguel (Spot Tag)	3.63-3.20
570	Hookele (Spot Tag)	3.98-3.20
572	Shiwasu (Spot Tag)	3.95-3.45
574	Cruz (Spot Tag)	3.60-3.48
575	Fumi (Spot Tag)	3.58-3.42
576	Anacapa (Spot Tag)	3.90-3.42
577	mitsuki (Spot Tag)	3.60-3.48
578	Hazuki (Spot Tag)	4.28-3.38
586	Moana Kai (Splash tag)	3.63-2.86
587	Ehnally (Splash tag)	3.44-2.74
588	Pericu (Splash tag)	3.70-3.31

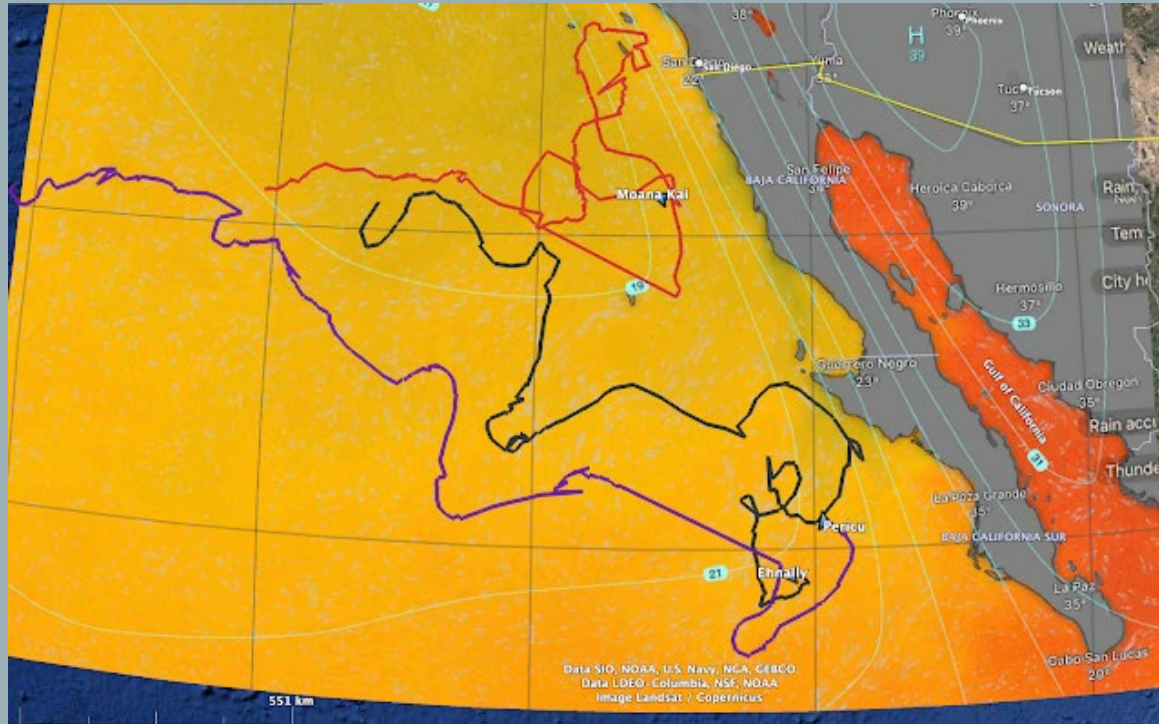
TRACKS AND ENVIRONMENTAL CONDITIONS SST, CURRENTS, CHLOROPHYLL A, SST ANOMALIES



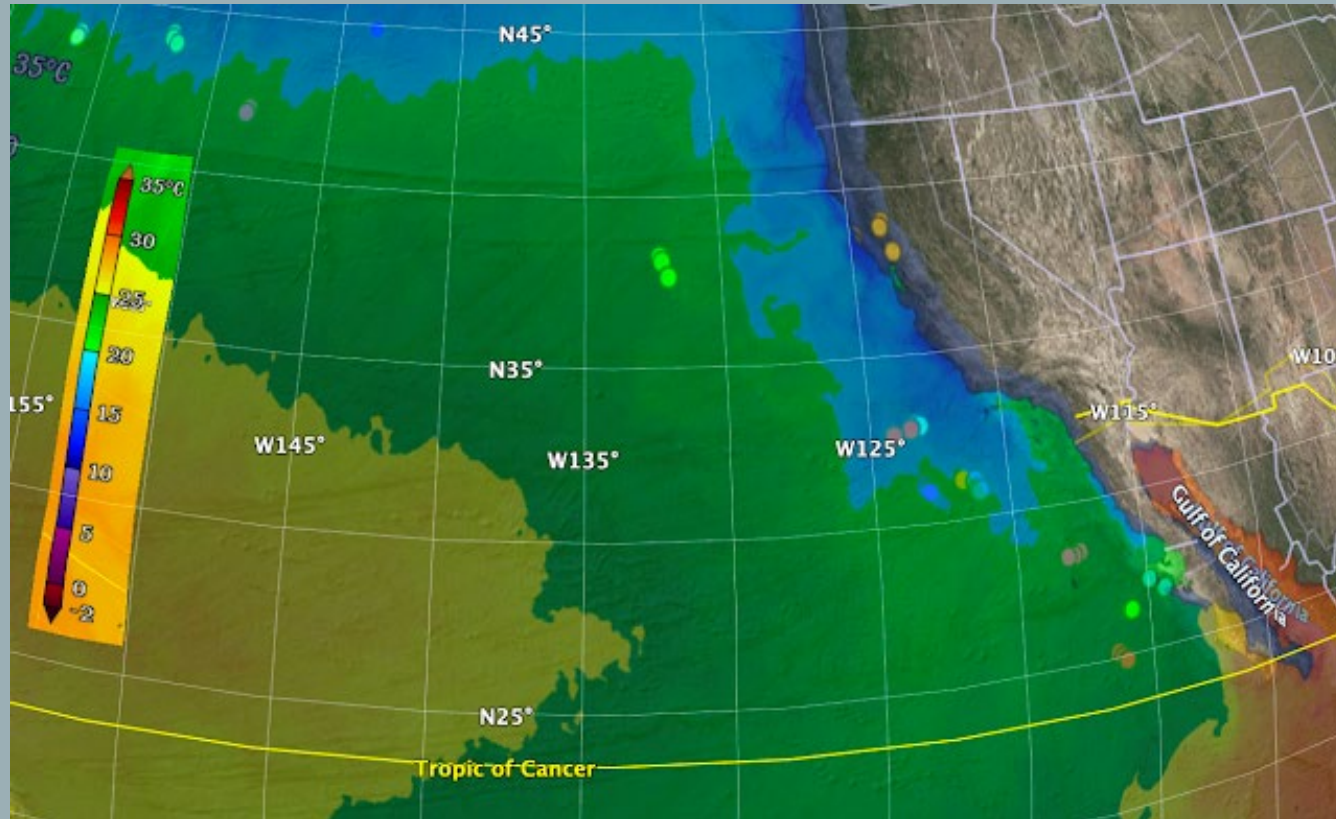
TRACKS AND ENVIRONMENTAL CONDITIONS SST, CURRENTS, CHLOROPHYLL A, SST ANOMALIES



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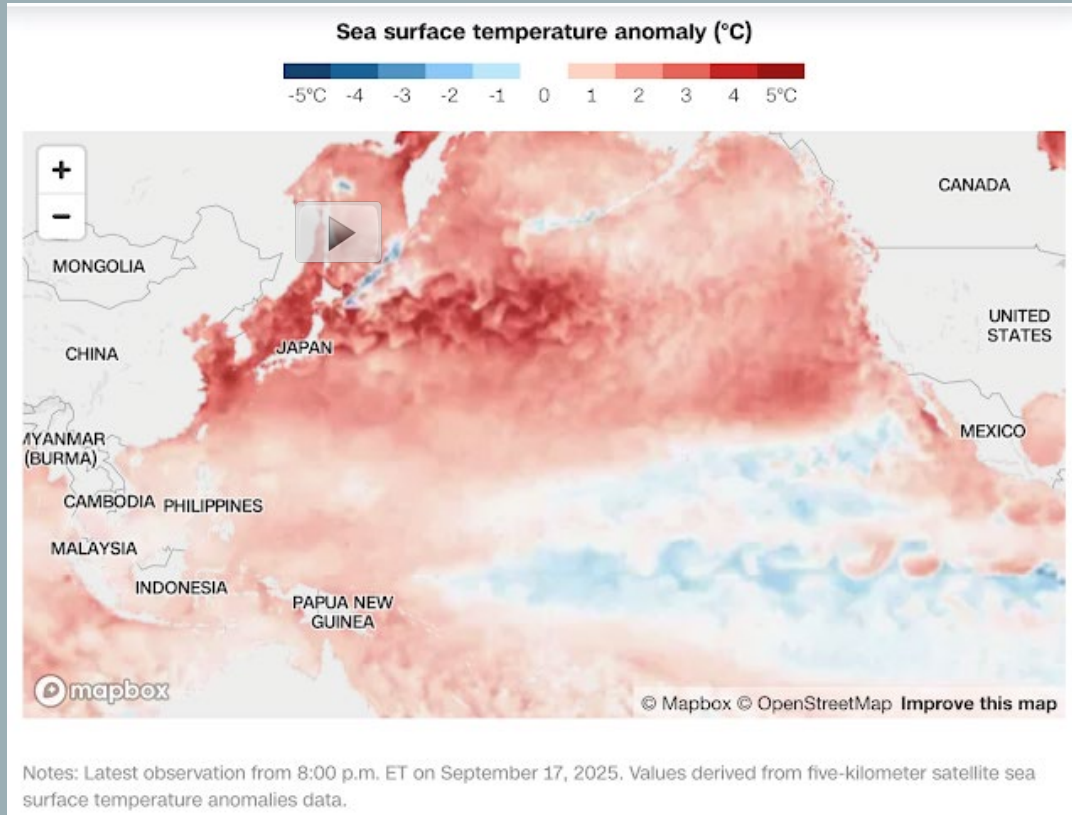
TRACKS AND ENVIRONMENTAL CONDITIONS- SST, CURRENTS, CHLOROPHYLL A, SST ANOMALIES



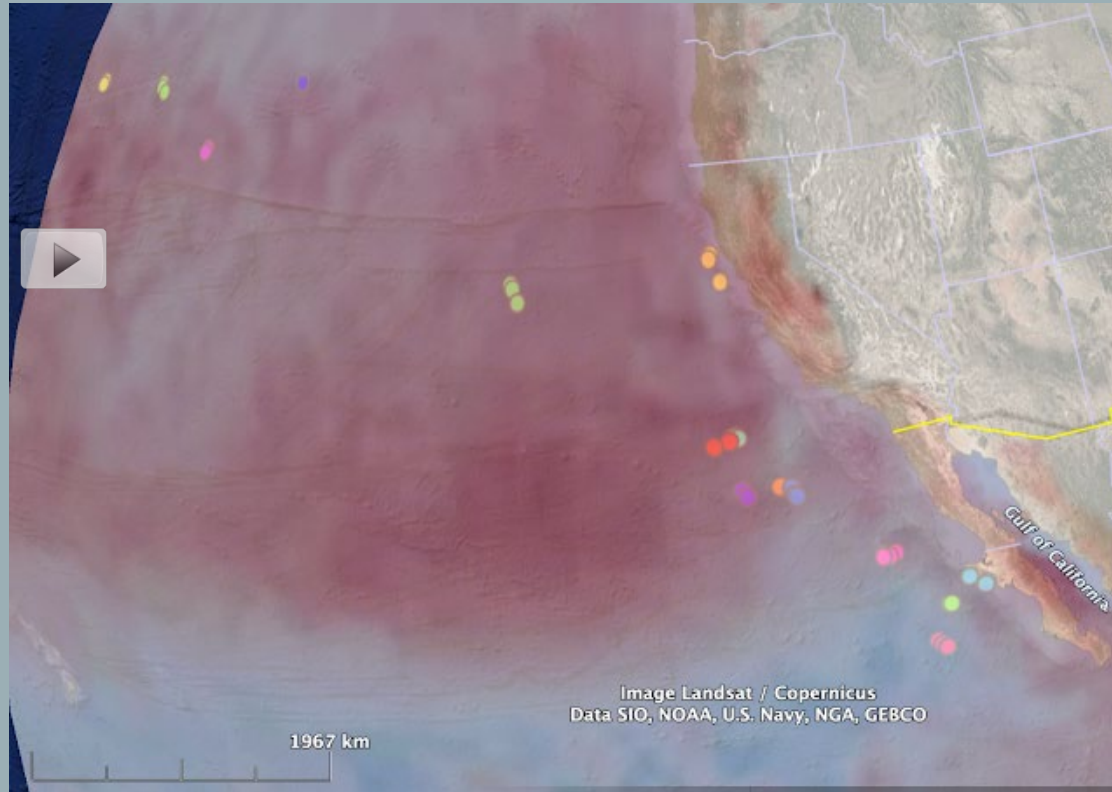
BREAKING NEWS



CHANGING OCEAN CONDITIONS

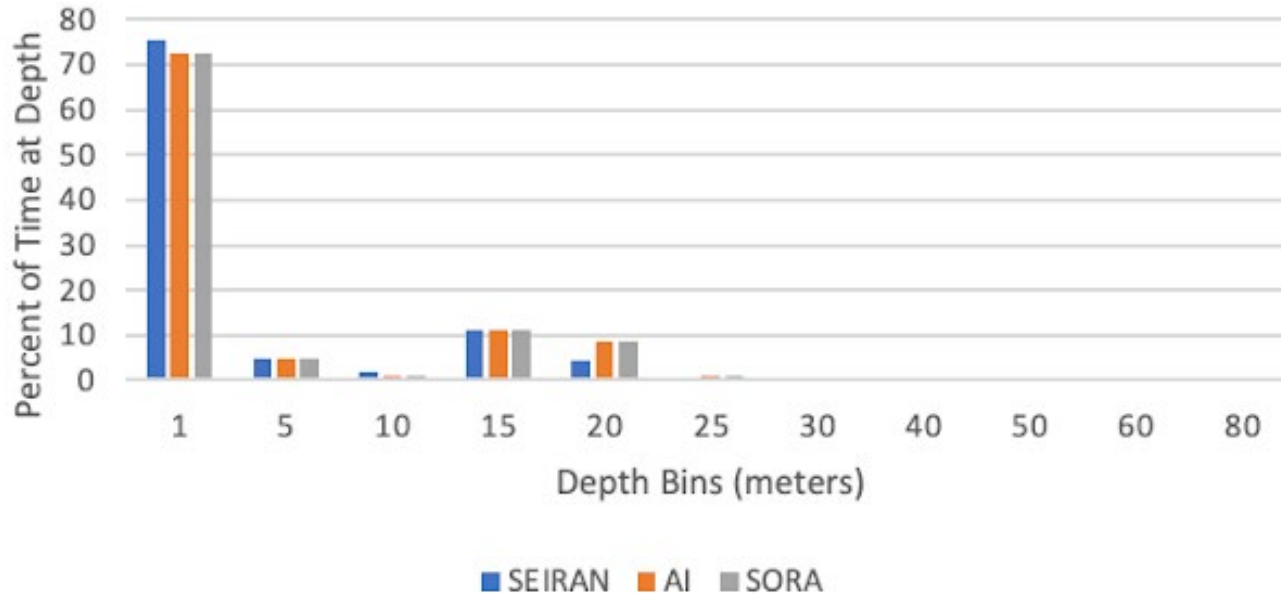


TRACKS AND ENVIRONMENTAL CONDITIONS SST, CURRENTS, CHLOROPHYLL A, SST ANOMALIES



DIVING BEHAVIOR OF SPLASH TAGGED TURTLES

Percent of time spent at depth for Seiran, Ai and Sora between release (7/8/2025) and 9/21/2025.



TEAM MEMBER CONTRIBUTIONS

Comments and explanations by STRETCH team members

Diagrams, animations, analysis by STRETCH team members

Comments, corrections and additions to blog posts by STRETCH team members

EVALUATING THE EFFECTIVENESS OF THE BLOG

GOOGLE HAS BUILT IN TRACKING TOOLS

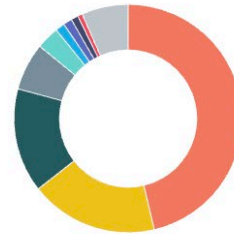
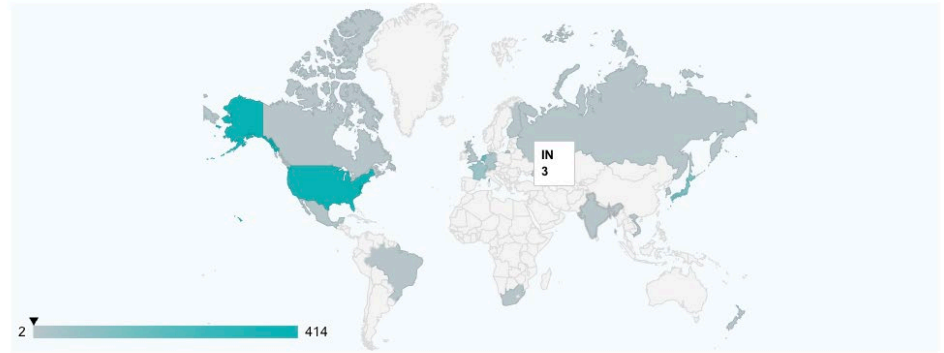
All time = 14494 views in 2.7 yrs

August 2025 = 813 views

September 2025 = 852 views

WHERE ARE OUR VISITORS FROM? SEPTEMBER, 2025

Top Locations



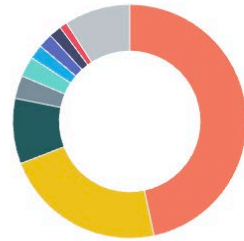
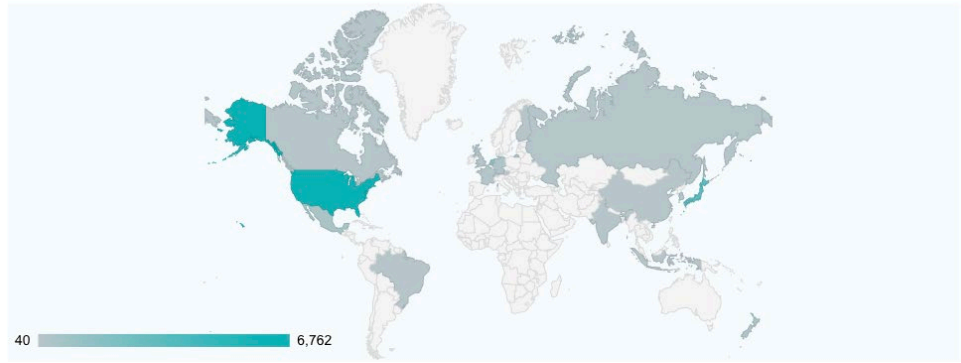
Percentages

United States	46%
Netherlands	18%
Japan	15%
France	7%
Germany	3%
Mexico	1%
South Korea	1%
Singapore	1%
Cook Islands	<1%
Other	7%

[MORE](#)

WHERE ARE OUR VISITORS FROM TOTAL?

Top Locations



Percentages

United States	47%
Japan	22%
Netherlands	9%
Mexico	3%
Hong Kong	3%
New Zealand	2%
Singapore	2%
Germany	2%
France	1%
Other	9%

[MORE](#)

VALUE OF STRETCH OUTREACH- ALL MEDIA

A few thousand viewers are not likely random internet users and may constitute a professional audience

Fellow researchers and collaborators

Policy makers and regulators

Conservation NGOs and funding bodies

Conclusion:

VALUE OVER VOLUME- qualitative not quantitative

INTERESTED PUBLIC

The focus of the website, talks and the blog, was to generate interest in the project by the general public.

Develop interest in and knowledge about a very unique endangered species

Highlight the impact of climate change on ocean ecology as it relates to a particular endangered species

Spotlight a highly innovative and unique ocean-wide experiment-

STRETCH

OUR COLLEAGUES IN KOICHI WITH STRETCH LOGGERHEADS



QUESTIONS,
COMMENTS,
SUGGESTIONS?

