



2021 PICES SEAturtle Project Update

Project Leader
Taewon Kim



PICES SEAturtle team intersessional meeting

(March 1, 2021 14:00 PM KST)



- **Participants:** Taewon Kim, George Balazs, Hideaki Nishizawa, Miyeon Kim, Michelle Maria Early Capistran, George Schillinger, Connie Ka Yan Ng, Kyungsik Jo, Jibin Im
1. Tagging sea turtles in Japan this year (Yes/No, if Yes. How many?)
 2. Tagging sea turtles in Korea this year (Depending on Japan's plan, flexible)
 3. Interview research plan (How many countries will be involved? Incentives)
 4. Genetic study on Jeju population (Collaboration with MABIK?)



Dive research: Derelict fishing gear and the sea turtle stranding



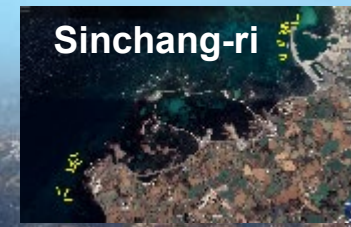
Background

- Ghost fishing is one of the serious problems that could threaten the survival and health of large marine animals. we investigate the correlation between the frequency of sea turtle stranding and the number of derelict fishing gears (DFG) on the northwest coast of Jeju island.

Research Site: The northwest coast of Jeju island (where bycatch of sea turtles are most reported between 2011-2019)

- Gwideok-ri: High stranding pressure (20 stranding)
- Sinchang-ri: Low stranding pressure (3 stranding)
- We predict that Gwideok-ri has more DFG than Sinchang-ri.

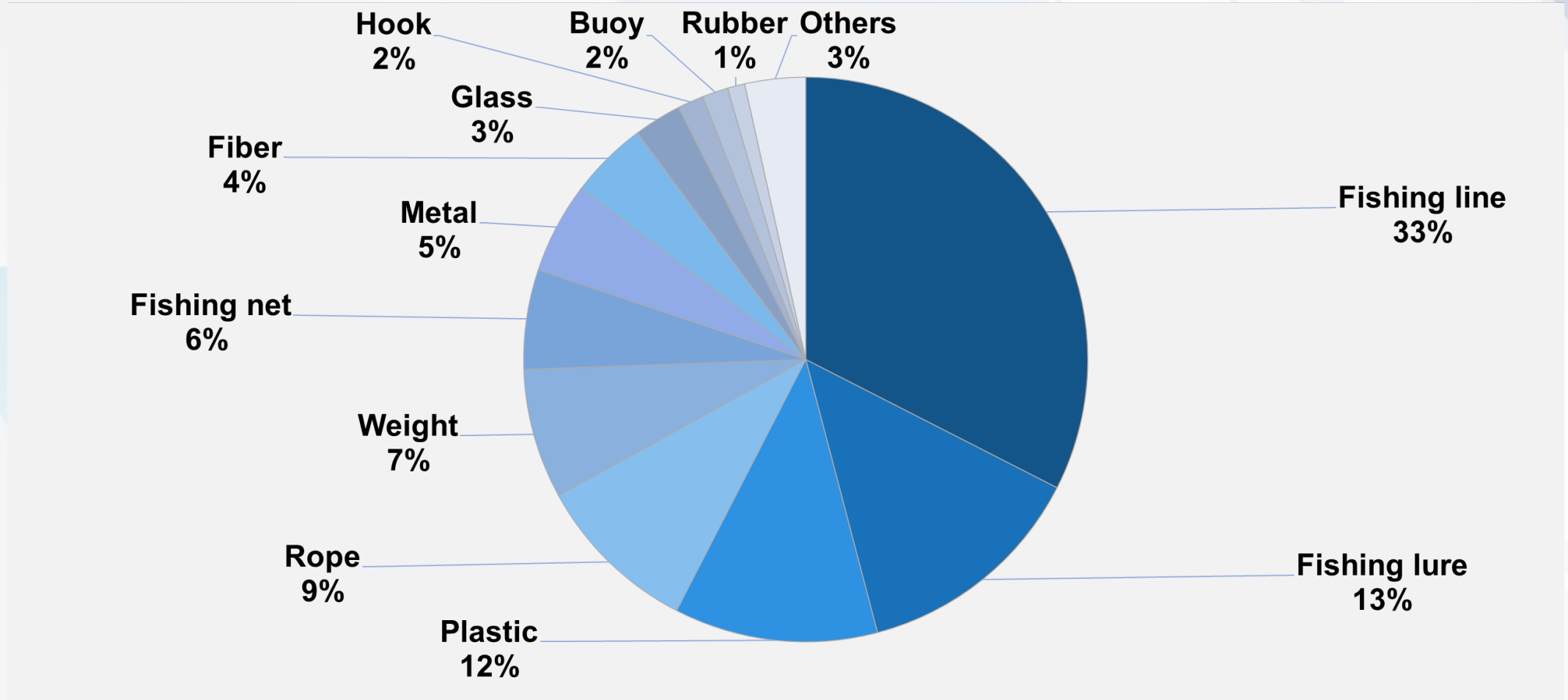
Period: Aug 17 – Sep 5, 2020



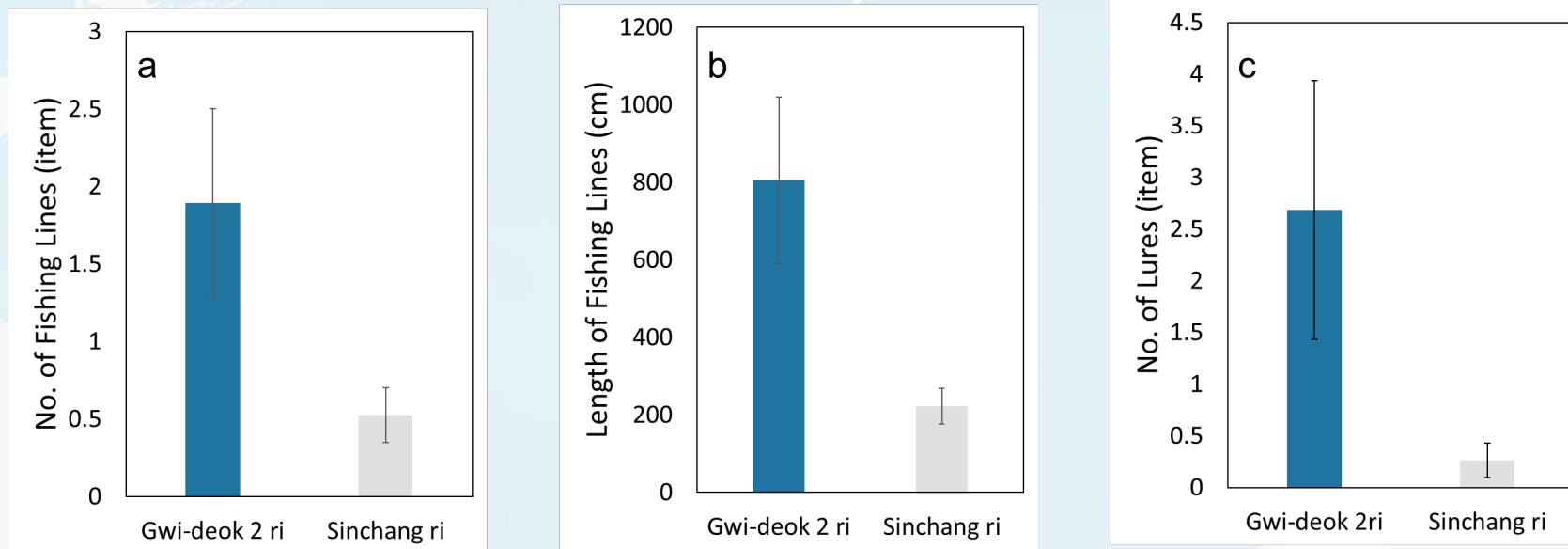
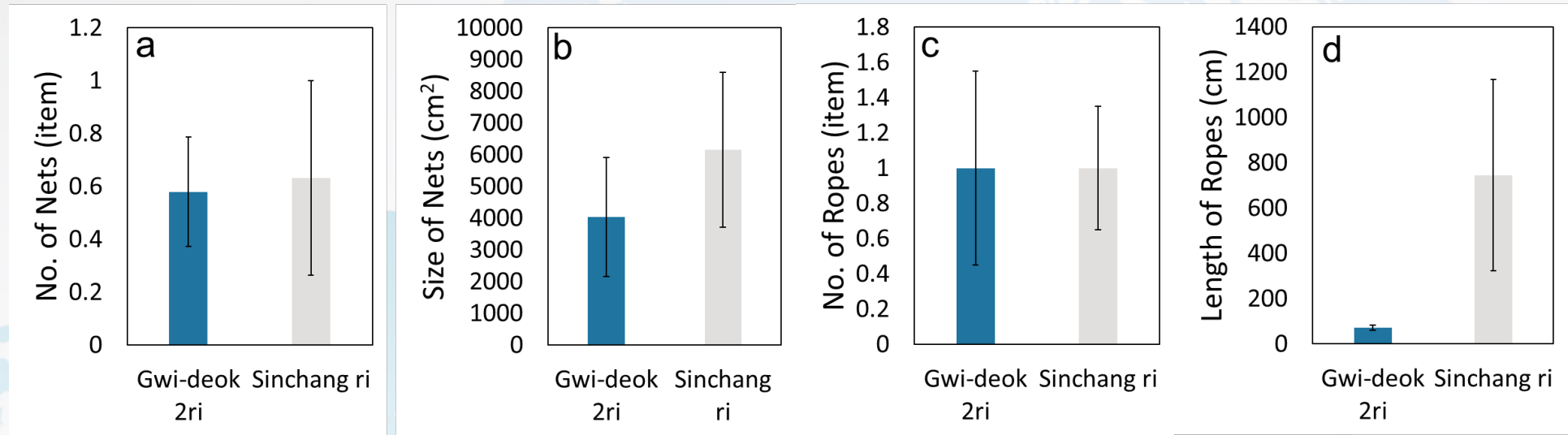
19 quadrats (25 x 4 m²) investigation on the subtidal zone for each site was conducted by using SCUBA diving to investigate the distribution of DFG, and investigate the number of stranded nets. Roughly, both values are high in Gwideok-ri. These samples are being analyzed.



Dive Plastic Garbage Research



Dive Plastic Garbage Research





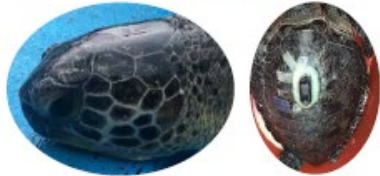
Your PICES science Images- Feature: PICES Special Project: SEAturtle

Seven sea turtles released with Iridium tags of PICES SEAturtle project in 2019 - 2020



ID710313

First (green) sea turtle released in 2019



ID710314 (released in 2019)



ID718336_Zevi (제비)
First loggerhead sea turtle



PICES SEAturtle team in Korea released 7 sea turtles (6 greens and 1 loggerhead) with PICES Iridium tags. In 2020, we ran a social media contest to name 5 of the released sea turtles. A total of 122 names were submitted by the public. Using this method, we were successful in increasing public awareness for the PICES SEAturtle project.

ID710315_Purunee (푸르니)



ID718338_Bit-gyeol (빛걸)



ID718339_Parang (파랑)



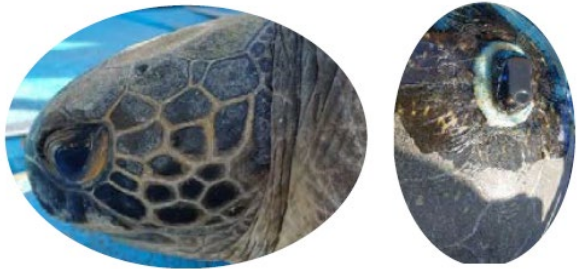
ID718337_Dol-mook (돌묵)



<Dive behavior of overwintering green sea turtles>



ID718339_Parang (파랑)



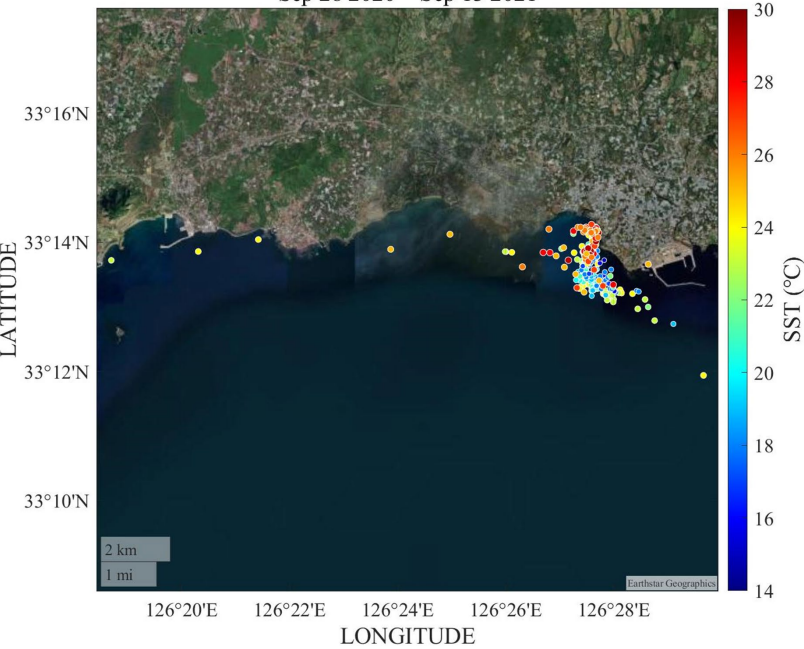
ID710315_Purunee (푸르니)



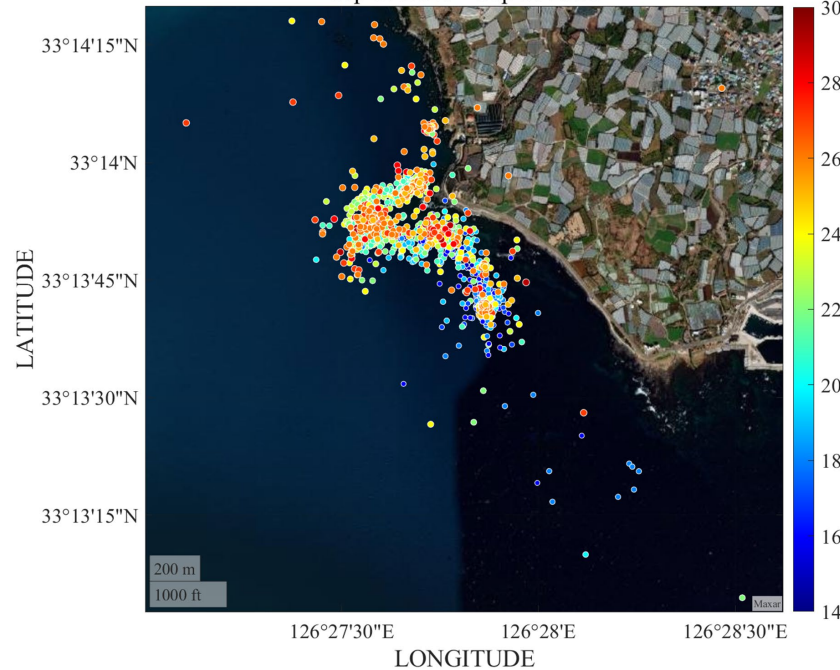
ID718338_Bit-gyeol (빛결)



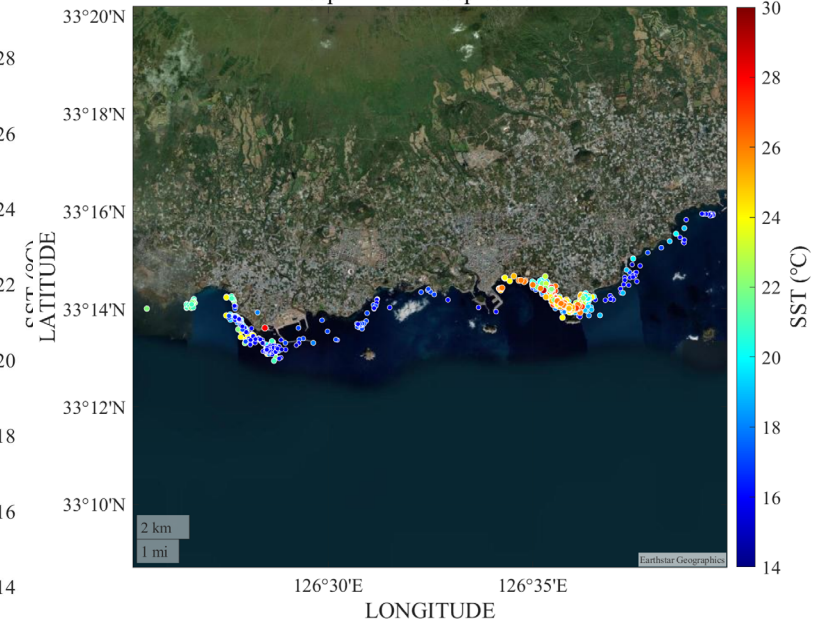
Sep 28 2020 ~ Sep 13 2021



Sep 17 2020 ~ Sep 27 2021



Sep 24 2020 ~ Sep 27 2021



Thousands of turtles have been rescued from freezing waters in Texas

By Maria Morava and Scottie Andrew, CNN

🕒 Updated 18:40 GMT (02:40 HKT) February 18, 2021



News & buzz



Eddie Jones: 'If I didn't get anxious, I'd give away coaching'



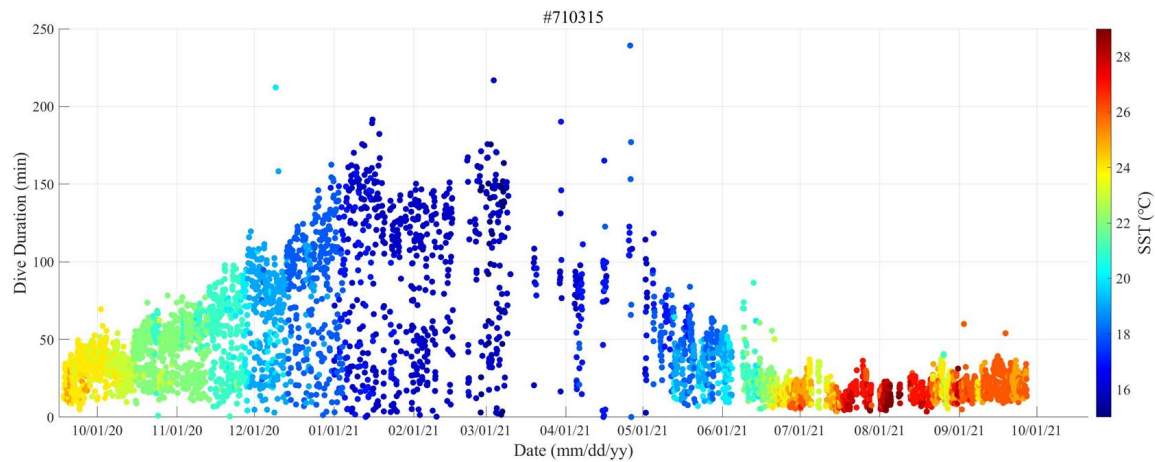
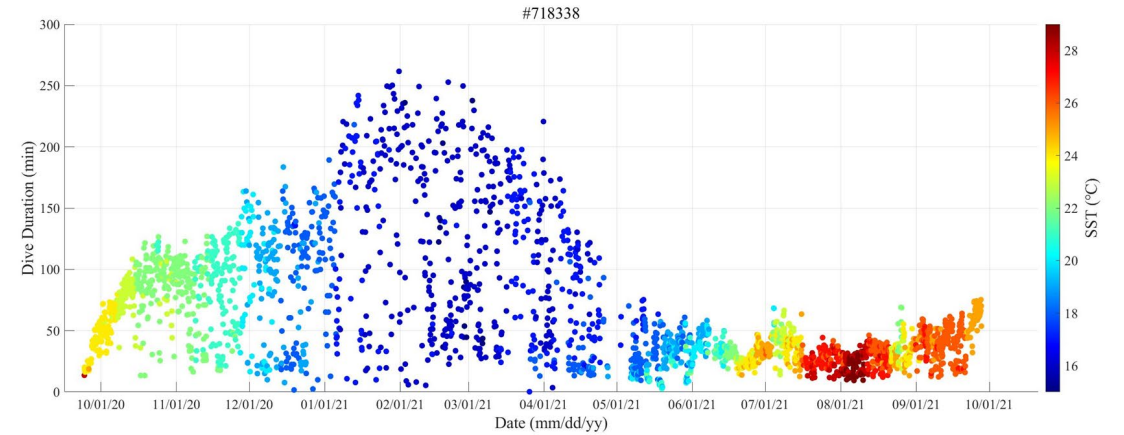
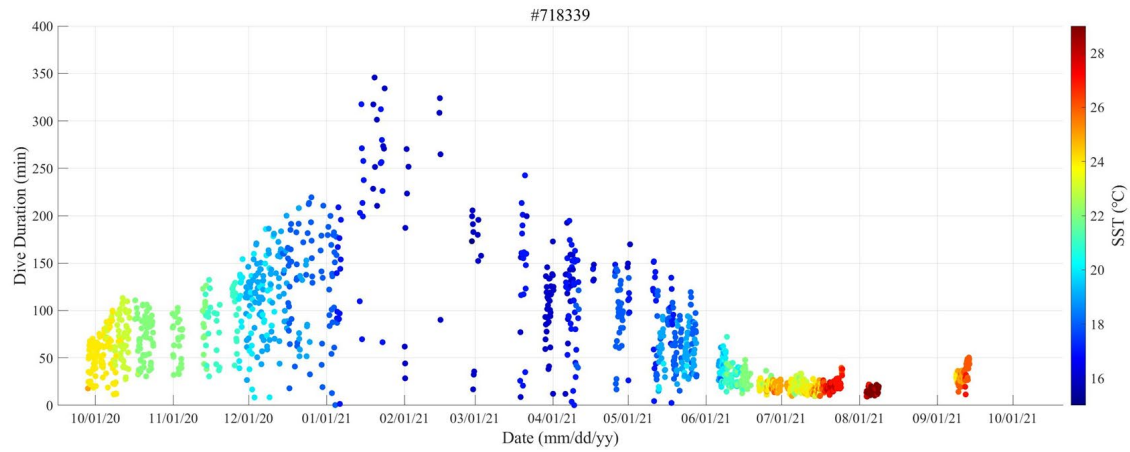
Analysis: Tiger Woods made us realize it's OK to love an...

Ad

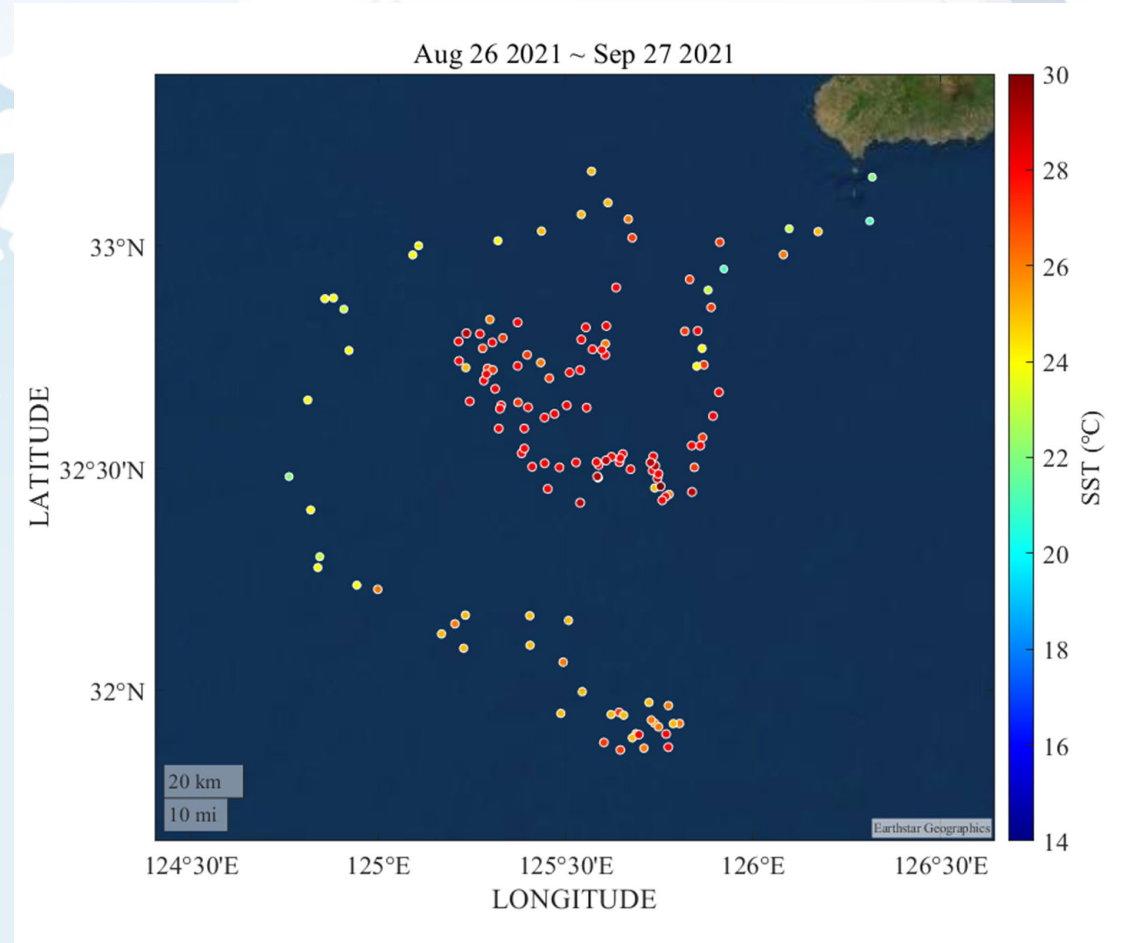
thats



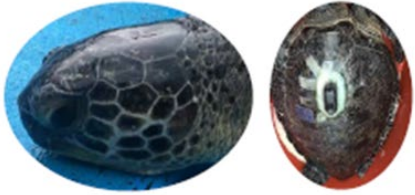
<Dive behavior of overwintering green sea turtles>



2nd Loggerhaed Sea Turtle Tracking (Aug.26 2021 -)



ID710313
First (green) sea turtle
released in 2019



ID710314 (released in 2019)



PICES SEAturtle team in Korea released 7 sea turtles (6 greens and 1 loggerhead) with PICES iridium tags. In 2020, we ran a social media contest to name 5 of the released sea turtles. A total of 122 names were submitted by the public. Using this method, we were successful in increasing public awareness for the PICES SEAturtle project.

ID718336_Zevi (제비)
First loggerhead sea turtle



ID710315_Purunee (푸르니)



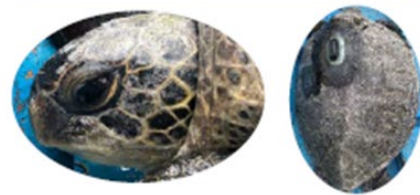
ID718338_Bit-gyeol (빛결)



ID718339_Parang (파랑)



ID718337_Dol-mook (돌묵)



Thank you!

