W7 Workshop agenda  
Workshop y PICES Annual Meeting  
Sept. 23, 2022, 09:00 – 18:00   
Busan, Korea

**Anthropogenic stressors, mechanisms and potential impacts on Marine Birds, Mammals, and Sea Turtles**

*Morning Session: 09:00-12:30*

**09:00 - 9:05** Welcome, share agenda

**9:05 - 9:15** Workshop structure and goals

**Western Pacific:**

**9:15 - 10:00** Invited Speaker: *What evidence exists on the effects of anthropogenic habitats on Saunders’s gulls breeding in South Korea?* – Jongmin Yoon (Recorded Invited)

**10:00 - 10:20** *New insights into microplastic ingested by the walleye pollock from the Bering Sea.*– Chengjun Sun (Recorded)

**10:20 -10:40** *Geographical difference of mercury pollution across seas in the western tropical-subtropical Pacific shown by a pelagic seabird.* – Yutaka Watanuki

**10:40 - 11:00** Break

**11:00 - 11:20** *“SEAturtle” PICES special research project (2019-2023): What we learned on sea turtles of Jeju Island for the last 4 years and what we should do in future.* – Taewon Kim

**11:20 - 11:40** *Effect of anthropogenic noise on the whistle production of Indo-Pacific Bottlenose dolphins (Tursiops aduncus) in Jeju Island, Republic of Korea.* **–** Mi Yeon Kim

**11:40 - 12:00** *The behavioral effects of tour boats on Indo-Pacific bottlenose dolphins in Jeju Island, Republic of Korea.* – Soojin Jang

**12:00 - 12:30** Open discussion

*Afternoon Session: Discussions 14:00 – 18:00*

**Eastern Pacific:**

**14:00 - 14:40** Invited Speaker: *Microplastic pollution in Monterey Bay: from water to whales.* – Matthew S. Savoca

**14:40 - 15:00** *Litter and microplastics monitoring in the Arctic under the Arctic Council’s Arctic Monitoring and Assessment Programme (AMAP) and links with PICES.* – Jennifer Provencher

**15:00 – 15:20** *The designated shipping avoidance area around St. Lawrence Island, northern Bering Sea, is not sufficient to protect foraging habitat of the island’s breeding seabird community.* – Jean-Baptiste Thiebot

**15:20 - 15:40** *Unraveling the migratory mysteries of North Pacific loggerheads using experimental oceanography.* – Larry Crowder and Dana Briscoe (Recorded)

**15:40 - 16:00** **Break**

**16:00 - 16:20** *Using bioenergetics to assess impacts of prey loss due to climate change on Pacific Coast Feeding Group grey whales.* – Kate M. Colson (Recorded)

**16:20 - 16:40** *Impacts of anthropogenic stressors on killer whales. How much is too much?* – Andrew W. Trites.

**16:40 - 17:00** *Modelling the long-term impact of oil spills on mammals and seabirds using Salish Sea Atlantis. –* Raisha Lovindeer (Recorded)

**17:00 - 18:00** Open discussion and identify priority threats for marine birds, mammals and sea turtles among PICES subregions. Identify key emerging threats and important knowledge gaps challenging marine conservation in these regions.

**Posters:**

*Plastics in the stomach of two species of albatrosses in the western North Pacific.* – Risa Sakai

*A high-quality* *chromosome-level genome of the Omura’s whale (Balaenoptera omurai)* **–** Kui Ding