

## PSG PICES Delegate Annual Report

Along with Miran Kim (Seabirds Lab. Of Korea), Patrick O'Hara continues as co-chair position with the Section for Marine Birds and Mammals (S-MBM) in the North Pacific Marine Science Organization (also called PICES: <https://meetings.pices.int/>). PICES held its second face-to-face/virtual hybrid meeting last year in Seattle Washington, since the onset of COVID measures. During this meeting, the S-MBM convened a topic session on climate change ("Anticipated and realized effects of climate change on predatory fish, birds, and mammals of the North Pacific" led by Bill Sydeman – Farallon Institute, California), and the use of bio-indicators for marine pollution ("Bio-indicators of meso to global scale marine pollution: techniques for integration and standardization" led by Yutaka Watanuki, Hokkaido University). Both the topic session and the workshop were well attended and the summary reports will be published in the next PICES Annual Report (<https://meetings.pices.int/publications/annual-reports>). As well, the S-MBM has proposed successfully a topic session and workshop for the next PICES Annual Meeting to be held in October 2024 in Honolulu HI (Science for Sustainability in 2030). The topic session will be led by Andrew Trites (UBC) - ***Social, economic and ecological implications of recoveries, range expansions and shifting distributions of marine birds, mammals and fish*** and the workshop will be led by Bill Sydeman - ***Puffin diet samples as indicators of forage nekton availability and community structure in the Aleutian marine ecosystem.***