

Program

SESSION 7: CONNECTIVITY OF THE WEST PACIFIC AND SOUTHERN OCEAN: THE IMPORTANCE OF OCEANIC TOP PREDATORS

- Wed 24 Nov. UTC 1:00-04:30 [Click to find your local time](#)
Moderator **Jaimie Cleeland** and **Luis A. Huckstadt**
- 01:00 - 01:05 [Welcome and Introduction](#)
Convener **Luis A. Huckstadt**
- 01:05 - 01:30 [Keynote speech](#)
Michelle LaRue
Crowd-sourcing reveals secrets about Antarctica's iconic mammal, the Weddell seal
- [Invited talk](#)
- 01:30 - 01:45 **Mao Mori** [S7-1]
The change in oceanic transports of the early stage of fish by the shifts of climate mode: Investigating egg and larval transport of Antarctic Toothfish (*Dissostichus mawsoni*) in the Indian sector of the Southern Ocean under extreme SAM event
- [Oral presentations](#)
- 01:45 - 02:00 **Luis A. Huckstadt**
Sophia Volzke [S7-2]
Climate influences on female survival in a declining population of southern elephant seals (*Mirounga leonina*)
- 02:00 - 02:15 **Peng Lian** [S7-3]
Variations in the spatiotemporal distribution of yellowfin tuna (*Thunnus albacares*) in the eastern Pacific Ocean
- 02:15 - 02:30 **David Green** [S7-4]
The missing link: Pelagic prey field prediction for Southern Ocean predators
- 02:30 - 02:45 [Break](#)
- 02:45 - 03:00 **Emma Carroll**
Stuart Corney [S7-5]
Using a dynamic energy budget IBM to assess the drivers of decreasing elephant seal population at Macquarie Island
- 03:00 - 03:15 **Pauline Machful** [S7-6]
Feeding ecology of three species of pacific tuna: An alternative stomach fullness metric.
- 03:15 - 03:30 **Julie McInnes** [S7-7]
Diet of marine predators as an indicator of Southern Ocean ecosystem health: Design and implementation of an effective genetic monitoring approach in the Subantarctic.
- 03:30 - 03:40 [Break](#)
- [Speed-Talk presentations](#)
- 03:40 - 03:45 **Pia Ricca**
Silvia Olmastroni [S7-8]
Ecology, reproduction and adaptation for a climate change sentinel: Monitoring the Adélie penguin population in mid Victoria Land, Ross Sea
- 03:45 - 03:50 **Won Young Lee** [S7-9]

- Foraging behaviors of Adélie penguins confronting a sudden appearance of large drift ice
- 03:50 - 03:55 **Benjamin Viola** [S7-10]
Investigating habitat use by East Antarctic seabirds in the context of historical, contemporary, and forthcoming environmental shifts
- 03:55 - 04:00 **Anna Kurnosova** [S7-11]
Herring shark seasonal distribution in Northwest Pacific
- 04:00 - 04:30 **Panel discussion**
Convener **Jaimie Cleeland**
Invited Speakers
Nadine Johnston, Integrating Climate and Ecosystem Dynamics ([ICED](#)) and British Antarctic Survey ([BAS](#))
Natalie Kelly, [Australian Antarctic Division](#)
Jeong-Hoon Kim, Korea Polar Research Institute ([KOPRI](#))
Nobuo Kokubun, National Institute of Polar Research ([NiPR](#))
Emma Carroll, [Whale DNA Lab](#), [The University of Auckland](#)

Other speakers will be confirmed soon!