

## Best Presentations at PICES-2018

Award certificates for Best Presentations in a Committee/Program-sponsored Topic Session or Workshop at PICES-2018 were given to the following early career scientists.

Science Board Best Oral presentation by an early career scientist in the Science Board Symposium (S1) on “*Toward integrated understanding of ecosystem variability in the North Pacific*”

**Christina E. Kong**

Ocean Science and Technology School, Busan, R Korea, cejkong@kiost.ac.kr

“*Spatial and inter-annual variability in the primary productivity of the East China Sea and Southern Yellow Sea (1998-2012)*”

co-authored with Sinjae Yoo and Chan Joo Jang

Science Board Best Poster presentation by an early career scientist in the Science Board Symposium (S1) on “*Toward integrated understanding of ecosystem variability in the North Pacific*”

**Joanne K. Breckenridge**

University of British Columbia, Vancouver, Canada, jbrecken@eoas.ubc.ca

“*The importance of peak river flow timing to copepod abundance in the Fraser River Estuary, Canada*”

co-authored with Evgeny A. Pakhomov

FUTURE Best Oral presentation by an early career scientist in FUTURE Topic Session (S3) on “*Science communication for North Pacific marine science*”

**Vanessa R. Fladmark**

University of British Columbia, Vancouver, BC, Canada, vfladmark@eoas.ubc.ca

“*Citizen engagement through shoreline cleanup litter data: British Columbia case study*”

co-authored with Cassandra Konecny and Santiago J. De La Puente

FUTURE Best Poster presentation by an early career scientist in FUTURE/POC Topic Session (S7) on “*Ecological responses to variable climate changes and their applicability to ecosystem predictions*”

**Hiroto Abe**

Hokkaido University, Hakodate, Japan, abe@fish.hokudai.ac.jp

“*Sediment-associated phytoplankton release from the seafloor in response to wind-induced currents in the Bering Strait*”

co-authored with Makoto Sampei, Toru Hirawake, Hisatomo Waga, Shigeto Nishino and Atsushi Ooki

BIO Best Oral presentation by an early career scientist in BIO/POC Topic Session (S10) on “*Ocean acidification and deoxygenation and their impact on ocean ecosystems: Synthesis and next steps*”

**Jessica N. Cross**

NOAA Pacific Marine Environmental Laboratory, Seattle, WA, USA, jessica.cross@noaa.gov

“*Ocean acidification impacts on biogeochemistry and the decadal variability of Total Alkalinity in the North Pacific*”

co-authored with Brendan R. Carter, Samantha A. Siedlecki, Simone R. Alin, Nina Bednarsek, Andrew G. Dickson, Richard A. Feely, Richard H. Wanninkhof, Alison M. Macdonald, Sabine Mecking, and Lynne D. Talley

## Best Presentations – 2018

BIO Best Poster presentation by an early career scientist in BIO Paper Session (BIO-P)

**Takuya Sato**

University of Tokyo, Tokyo, Japan, astakuy@g.ecc.u-tokyo.ac.jp

*“Nitrogen fixation and diazotroph community structure in the high latitude region around Hokkaido, northern Japan”*

co-authored with Yukiko Taniuchi, Hiromi Kasai, Takuhei Shozaki and Kazutaka Takahashi

FIS Best Oral presentation by an early career scientist in FIS Topic Session (S12) on *“Applying ecosystem considerations in science advice for managing highly migratory species”*

**Ayako Suda**

Research Center for Bioinformatics and Biosciences, National Research Institute of Fisheries Science, Japan Fisheries Research and Education Agency, Yokohama, Japan, ayasuda@affrc.go.jp

*“Development of male-specific DNA markers in the Pacific bluefin tuna (Thunnus orientalis): Potential applications for sex ratio control in aquaculture and contribution to tuna resource management”*

co-authored with Tsubasa Uchino, Issei Nishiki, Yuki Iwasaki, Masashi Sekino, Tetsuya Akita, Nobuaki Suzuki and Atushi Fujiwara

FIS Best Poster presentation by an early career scientist in General Poster Session (GP)

**Koji Fujita**

Graduate School of Biosphere Science, Hiroshima University, Hiroshima, Japan, m174299@hiroshima-u.ac.jp

*“Influence of submarine groundwater discharge on feeding and growth of fish”*

co-authored with Jun Shoji

HD Best Oral presentation by an early career scientist in HD Topic Session (S9) on *“Integration of science and policy for sustainable marine ecosystem services”*

**Aoi Sugimoto**

Japan Fisheries Research & Education Agency, Japan, aois@affrc.go.jp

*“Environment and culture in an island community: Some insights for re-building the framework of cultural ecosystem service”*

MEQ Best Oral presentation by an early career scientist in MEQ Paper Session (MEQ-P)

**Seongbong Seo**

Ocean Circulation and Climate Research Center, Korea Institute of Ocean Science and Technology, Busan, Korea, ypark@kiost.ac.kr

*“Fate of floating debris released from Major rivers around Korea”*

co-authored with Young-Gyu Park

MEQ Best Poster presentation by an early career scientist in MEQ Paper Session (MEQ-P)

**Su-Hyun Kim**

Incheon National University, Incheon, Republic of Korea, skkim@inu.ac.kr

*“Atmospheric long-range transport of microplastics: A preliminary result of atmospheric fall-out samples from a remote island (Daecheong Is.), South Korea”*

co-authored with Seung-Kyu Kim

POC Best Oral presentation by an early career scientist in POC Topic Session (S5) on “*Seasonal to interannual variations of meso-/submeso-scale processes in the North Pacific*”

**Yu-Lin Eda Chang**

Application Laboratory, JAMSTEC, Yokohama, Japan, ychang@jamstec.go.jp

“*Potential impact of ocean circulation on Japanese eel larvae migration*”

co-authored with Yasumasa Miyazawa, Michael J. Miller and Katsumi Tsukamoto

POC Best Poster presentation by an early career scientist in POC Paper Session (POC-P)

**Sang-Chul Cha**

Jeju National University, Jeju, Republic of Korea, chasc0050@gmail.com

“*Climate-related decadal sea level and heat content shifts in the tropical Pacific*”

co-authored with Jae-Hong Moon

MONITOR Best Oral presentation by an early career scientist in MONITOR Topic Session (S11) on “*Influence of climate and environmental variability on pelagic and forage species*”

**Yanhui Zhu**

Graduate School of Environmental Science Hokkaido University, N10W5, Sapporo, Hokkaido, Japan, zhuyanhui0817@eis.hokudai.ac.jp

“*Seasonal dynamics in pelagic fish abundance around Set-net in Kochi prefecture*”

co-authored with Kenji Minami, Yuka Iwahara, Kentaro Oda, Koichi Hidaka, Osamu Hoson, Kouji Morishita, Sentaro Tsuru, Masahito Hirota, Hokuto Shirakawa and Kazushi Miyashita

MONITOR Best Poster presentation by an early career scientist in MONITOR Topic Session (S11) on “*Influence of climate and environmental variability on pelagic and forage species*”

**Mitsuhiro Ishino**

Hokkaido National Fisheries Research Institute, Japan Fisheries Research and Education Agency (FRA), Kushiro, Japan, ishinom@affrc.go.jp

“*Why the body size of walleye pollock larvae in Funka Bay and the adjacent waters, Hokkaido was large in 2016?*”

co-authored with Tomonori Hamatsu, Masayuki Chimura, Hiroshige Tanaka and Yuuho Yamashita