

*North Pacific Marine Science Organization
Presents*

Certificate of Recognition

to

Naya Sena

for Best oral presentation, on:

Identifying the Ocean Decade challenges:
A common framework for Small Island Developing States

PICES

Science Board Symposium



*Dr. Vera Trainer,
Science Board Chair*

*North Pacific Marine Science Organization
PICES-2022, Hosted by Korea
Busan, Korea, September 30, 2022*

*North Pacific Marine Science Organization
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Certificate of Recognition

to

Hajime Tanaka

for Best poster presentation, on:

Japanese Consumers' Demand for Traceability Information -
Tokyo Bay Fish Passport as a case study



PICES

Science Board Symposium



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Science Board Chair*

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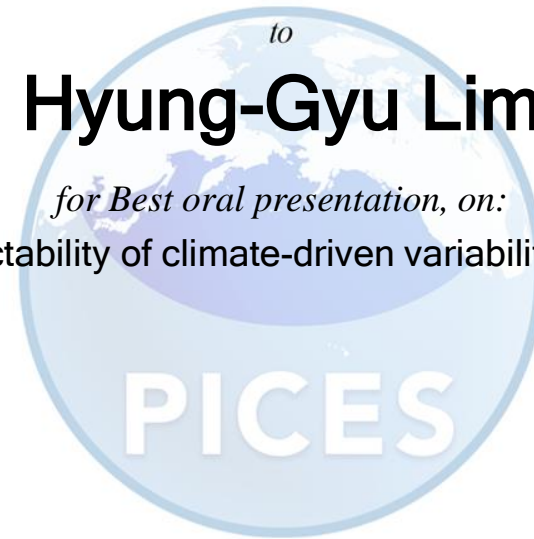
Certificate of Recognition

to

Hyung-Gyu Lim

for Best oral presentation, on:

Attribution and predictability of climate-driven variability in global ocean color



at the scientific sessions and workshops sponsored by the FUTURE Science Program

Steven Bograd

Dr. Steven Bograd,

FUTURE-SSC Co-Chair

김기영 Kang

Dr. Sukyung Kang,

FUTURE-SSC Co-Chair

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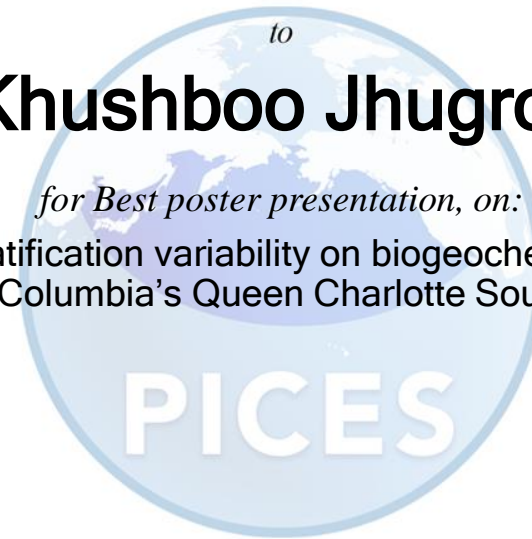
Certificate of Recognition

to

Khushboo Jhugroo

for Best poster presentation, on:

The role of stratification variability on biogeochemical properties
across British Columbia's Queen Charlotte Sound shelf system



at the scientific sessions and workshops sponsored by the FUTURE Science Program

A handwritten signature in black ink that reads "Steven Bograd".

Dr. Steven Bograd,

FUTURE-SSC Co-Chair

A handwritten signature in black ink that reads "Sukyung Kang".

Dr. Sukyung Kang,

FUTURE-SSC Co-Chair

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to

Minju Kim

for Best oral presentation, on:

Fiddlers on the tidal flat: fiddler crabs change their tunes
depending on the contexts

PICES

at the scientific sessions and workshops sponsored by the Biological Oceanography Committee



*Dr. Akash Sastri,
BIO Committee Chair*

*North Pacific Marine Science Organization
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to

Gakuto Murata

for Best poster presentation, on:

Copepod community determined with metabarcoding analysis
represents advection of coastal waters to the Kuroshio

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at the scientific sessions and workshops sponsored by the Biological Oceanography Committee



*Dr. Akash Sastri,
BIO Committee Chair*

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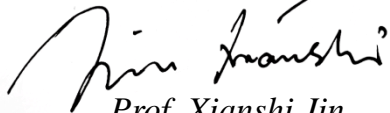
Jhen Hsu

for Best oral presentation, on:

Evaluating the spatiotemporal dynamics of Pacific saury
in the Northwestern Pacific Ocean by using a
geostatistical modelling approach

PICES

at the scientific sessions and workshops sponsored by the Fishery Science Committee



*Prof. Xianshi Jin,
FIS Committee Chair*

*North Pacific Marine Science Organization
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North Pacific Marine Science Organization

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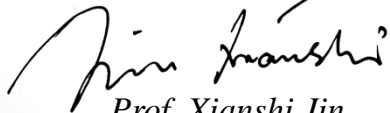
Hyung-Gyu Lim

for Best poster presentation, on:

Oceanic and Atmospheric Drivers of Post-El-Niño
Chlorophyll Rebound in the Equatorial Pacific

PICES

at the scientific sessions and workshops sponsored by the Fishery Science Committee



*Prof. Xianshi Jin,
FIS Committee Chair*

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to

Hana Matsubara

for Best oral presentation, on:

Comparative and historical study of international
guideline and policy documents of Japan relevant
to gender equality in fisheries

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at the scientific sessions and workshops sponsored by the Human Dimensions Committee

牧野光琢

*Prof. Mitsutaku Makino,
HD Committee Chair*

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*North Pacific Marine Science Organization
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Certificate of Recognition

to

Nour Ayache

for Best oral presentation, on:

Acclimation of various US Dinophysis isolates to
changing light intensity: effects on growth, photosynthetic
efficiency and toxin production

PICES

at the scientific sessions and workshops sponsored by the Marine Environmental Quality Committee



*Dr. Guangshui Na,
MEQ Committee Chair*

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Certificate of Recognition

to

Jeongho Kim

for Best poster presentation, on:

Variation in genetics, morphology, and recruitment in the invasive barnacle
Amphibalanus eburneus (Gould, 1841) in Korea

PICES

at the scientific sessions and workshops sponsored by the Marine Environmental Quality Committee



*Dr. Guangshui Na,
MEQ Committee Chair*

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Certificate of Recognition

to

Youngji Joh

for Best oral presentation, on:

**Stronger decadal variability of the Kuroshio Extension
under simulated future climate change**

PICES

at the scientific sessions and workshops sponsored by the Physical Oceanography & Climate Committee



*Prof. Emanuele Di Lorenzo,
POC Committee Chair*

*North Pacific Marine Science Organization
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Presents*

Certificate of Recognition

to

Saat Mubarrok

for Best poster presentation, on:

Evaluation of Thermocline Depth Bias in the Seychelles-Chagos
Thermocline Ridge (SCTR) simulated by the CMIP6 models

PICES

at the scientific sessions and workshops sponsored by the Physical Oceanography & Climate Committee



*Prof. Emanuele Di Lorenzo,
POC Committee Chair*

*North Pacific Marine Science Organization
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North Pacific Marine Science Organization

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Certificate of Recognition

to

Firstname Lastname

NO MONITOR AWARD @ PICES-2022

at the scientific sessions and workshops sponsored by the Technical Committee on Monitoring



*Prof. Sung Yong Kim,
MONITOR Chair*

*North Pacific Marine Science Organization
PICES-2022, Hosted by Korea
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*North Pacific Marine Science Organization
Presents*

Certificate of Recognition

to


Jeong-Yeob Chae

for Best oral presentation, on:

Artificial neural network for ocean surface current prediction
around the Korean peninsula using transfer learning

PICES

at the scientific sessions and workshops sponsored by the Technical Committee on Data Exchange


Ms. Jeanette Gann,
TCODE Chair

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*North Pacific Marine Science Organization
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PICES OCEAN MONITORING SERVICE AWARD

to
**Japanese monitoring research
activities on mesozooplankton**

*in recognition and in deep appreciation for distinguished
contributions to marine science of the North Pacific Ocean*

PICES

Enrique N. Curchitser
Prof. Enrique N. Curchitser,
PICES Chair

Vera Trainer
Dr. Vera Trainer,
Science Board Chair

*North Pacific Marine Science Organization
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*North Pacific Marine Science Organization
Presents*

PICES CHAIR AWARD

to

Dr. Chul Park

*in recognition and in deep appreciation for sustained contributions to the development of the
Organization that have allowed it to meet its purpose as set out in the Convention*

PICES

Enrique N. Curchitser

*Prof. Enrique N. Curchitser,
PICES Chair*

Vera L. Trainer

*Dr. Vera Trainer,
Science Board Chair*

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*North Pacific Marine Science Organization
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**ZHU-PETERSON
EARLY CAREER SCIENTIST AWARD**

to

Dr. Matthew Savoca

*in recognition of innovative research at the frontier of science
relevant to the PICES mission*

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Enrique N. Curchitser

*Prof. Enrique N. Curchitser,
PICES Chair*

Vera Trainer

*Dr. Vera Trainer,
Science Board Chair*

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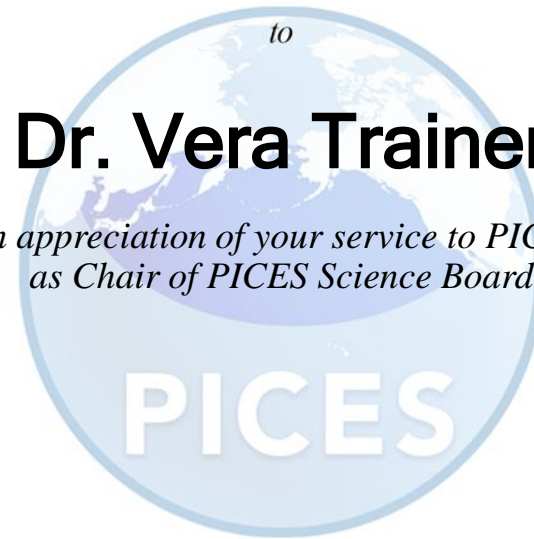
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Certificate of Recognition

to

Dr. Vera Trainer

*In appreciation of your service to PICES
as Chair of PICES Science Board*



Enrique N. Curchitser

*Prof. Enrique N. Curchitser,
PICES Chair*

Sonia Batten
Dr. Sonia Batten

PICES Executive Secretary

*North Pacific Marine Science Organization
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Certificate of Recognition

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Dr. Sukyung Kang

*In appreciation of your service to PICES as Co-Chair
of PICES FUTURE Program Scientific Steering Committee*



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*Prof. Enrique N. Curchitser,
PICES Chair*

Sonia Batten
Dr. Sonia Batten

PICES Executive Secretary

*North Pacific Marine Science Organization
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Certificate of Recognition

to

Dr. Akash Sastri

*In appreciation of your service to PICES as Chair
of PICES Biological Oceanography Committee*



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Enrique N. Curchitser

*Prof. Enrique N. Curchitser,
PICES Chair*

Sonia Batten

*Dr. Sonia Batten
PICES Executive Secretary*

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Prof. Emanuele Di Lorenzo

*In appreciation of your service to PICES as Chair
of PICES Physical Oceanography &
Climate Committee Chair*



PICES

Enrique N. Curchitser

*Prof. Enrique N. Curchitser,
PICES Chair*

Sonia Batten
Dr. Sonia Batten

PICES Executive Secretary

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