

Welcome to...

Exploring international knowledge co-production

*Lessons learned from international
marine science organizations at the
science-policy interface*

Action is the proper fruit of
knowledge.

~Thomas Fuller



Session conveners



Erin Satterthwaite, Scripps Institution of Oceanography, UCSD, USA



Steven Bograd, NOAA SWFSC, Monterey, CA USA



Mitsutaku Makino, The University of Tokyo, Japan



Hanna Na, Seoul National University, Korea



Sonia Batten, PICES, Canada



Sanae Chiba, PICES, Canada

Jörn Schmidt, WorldFish

Thank you!

Getting to know you

Introduction

Please raise your hand to indicate:

Do you spend most of your time in the Eastern Pacific,
Western Pacific or somewhere else?

- Eastern Pacific?
- Western Pacific?
- Somewhere else?



Getting to know you

Introduction

Please raise your hand to indicate:

Do you consider yourself a knowledge producer, a knowledge user or both?

- Knowledge producer?
- Knowledge user?
- Both?



Workshop rationale

- Growing recognition of the need for actionable science internationally
 - Actionable science = creating useful information and knowledge needed for policy and solutions
- International initiatives like the UN Ocean Decade and UN Ocean Conference have placed strong emphasis on using evidence to address key ocean challenges
- Recent PICES external review highlighted the need to provide actionable science and information that is relevant to users and science-based solutions

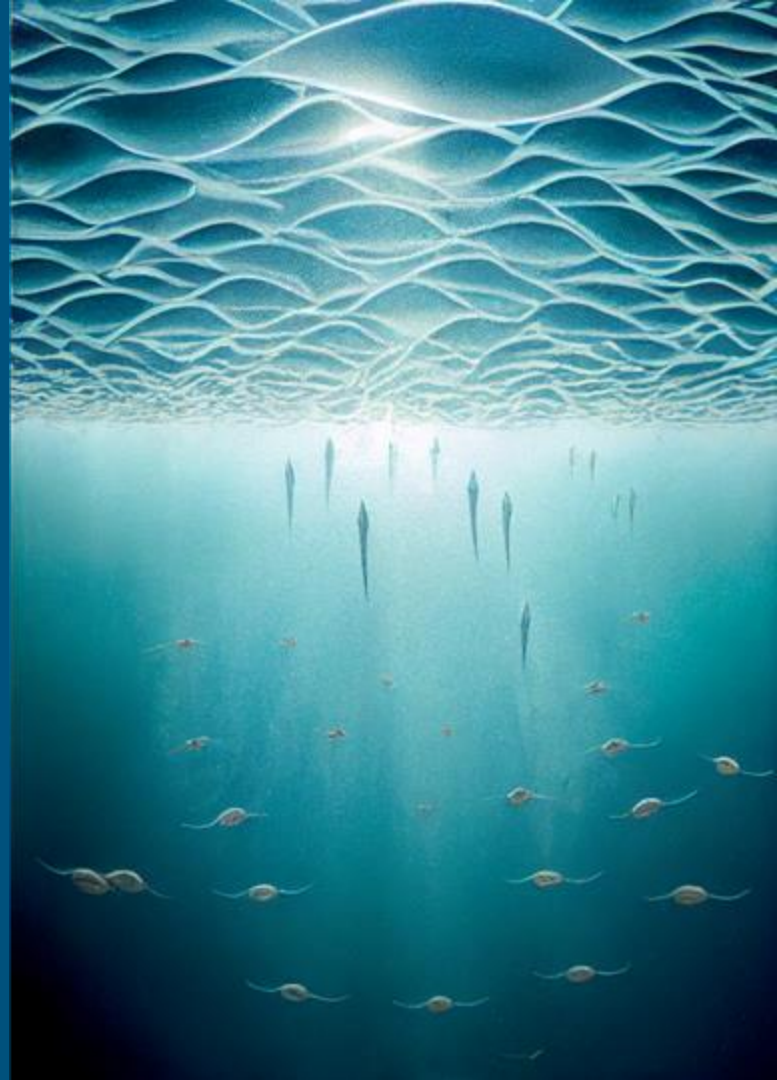
Workshop goals

What does actionable science mean within the context of international science organizations

- Share insights & learn from different approaches on conducting actionable science in international organizations
- Identify effective strategies for conducting actionable science in international science organizations

Workshop outcomes & outputs

- Outcomes
 - Good practices/lessons learned on doing actionable science in the context of international organizations
 - Other organizations that are doing actionable science well
 - Understanding of how PICES information is currently used in policy and management and what types of information is most useful
- Outputs
 - Panel remarks during the closing PICES session on Friday morning
 - Summary document detailing key outcomes and lessons learned (e.g., published in PICES Press and possibly ICES Journal of Marine Science)



Workshop agenda

9:20 AM - 10:40 AM | Lessons Learned from International Marine Science Organizations Working at the Science-Policy Interface: Invited presentations

10:40 AM - 11:00 AM | Break

11:00 AM - 11:45 AM | Lessons Learned from International Marine Science Organizations Working at the Science-Policy Interface: Group discussion & Interactive activity

11:45 AM - 1:15 PM | Lunch

1:15 PM - 3:00 PM | The Science-Policy Interface in PICES: Presentation & Panel discussion

3:00 PM - 3:20 PM | Future of the Science-Policy Interface in PICES: Group input & discussion Part I

3:20 PM - 3:40 PM | Break

3:40 PM - 4:45 PM | Future of the Science-Policy Interface in PICES: Group input & discussion Part II

4:45 PM - 5:00 PM | Closing remarks

Agenda also on Whova!

Lessons Learned from International Marine Science Organizations on Working at the Science-Policy Interface

Invited presentations

Invited presentations



Kristin Kleisner, EDF



Alan Haynie, ICES



Jörn Schmidt, WorldFish (*recorded*)



Kentaro Ando, WESTPAC (*recorded*)

A serene landscape featuring a clear blue sky with scattered white clouds and a calm blue ocean. The horizon line is visible in the lower third of the image. The word "Break" is centered in the sky area.

Break

Lessons Learned from International Marine Science Organizations on Working at the Science-Policy Interface

Group discussion



The background of the slide is a photograph of a cornfield, viewed from a low angle looking up at the stalks. The image is heavily filtered with a blue color, creating a monochromatic, ethereal atmosphere. The text is centered over this background.

Reflecting on lessons learned

Interactive activity

Reflections

- Turn to a few people around you (3-4 people per group)
- Reflect on:
 - What are *good practices/lessons learned* for doing actionable science?
 - What are *challenges* to doing actionable science?
- Write your ideas on the sticky notes provided and include on the large paper in your group
- Please focus on the good practices, but if you run out of ideas feel free to include challenges as well & how they might be addressed

Please remember...

- Write one idea per sticky note
- Write as many ideas as you can - our goal is to get lots of ideas down
- Clear handwriting please
- Write for international readers – use language and writing that is accessible to non-native speakers
- If necessary, you can write in your own language - for readers, please use a translate app to translate

Lunch



Please be back to start at 1:15pm

enjoy!

Workshop agenda: afternoon

1:15 PM - 3:00 PM | The Science-Policy Interface in PICES: Presentation & Panel discussion

3:00 PM - 3:20 PM | Future of the Science-Policy Interface in PICES: Group input & discussion Part I

3:20 PM - 3:40 PM | Break

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Agenda also on Whova!

Current state of the science-policy interface in PICES

Presenter: Sanae Chiba



Current state of the science-policy interface in PICES

User perspectives panel



Invited panelists



- **Matt Baker**, North Pacific Research Board (NPRB)



- **Aleksandr Zavolokin**, North Pacific Fisheries Commission (NPFC)



- **Catherine Michielsnes**, Pacific Salmon Commission (PSC)



- **Mark Fitchett**, Western Pacific Regional Fishery Management Council (WPFMC)



- **Ryan Rykaczewski**, NOAA Pacific Islands Fisheries Science Center & University of Hawaii, USA



- **Sukyung Kang**, National Institute of Fisheries Science, Korea

Questions

- Does your organization/country use PICES science, data, or reports? If so, how?
- What information could PICES generate that would be useful to your organization?



Questions

- How have you seen PICES knowledge applied in policy, management, decision-making, or to solutions?
- How could PICES information be more effectively leveraged?
- Would strengthening PICES' role as a convening mechanism help enhance knowledge exchange among member countries?
- What types of products are expected from PICES scientists?
- What information would various organizations like to see from PICES?



Audience Q & A



Future of the Science-Policy Interface at PICES

Reflections



Reflections

- Large papers with questions that we would like your input on are around the room
- Please walk around by yourself or with your neighbor and include any thoughts/input into the questions on the sticky notes provided
- Goal of this part is to generate lots of ideas
- You will have ~10-15 minutes

Please remember...

- Write one idea per sticky note
- Clear handwriting please
- Write for international readers – use language and writing that is accessible to non-native speakers
- If necessary, you can write in your own language - for readers, please use a translate app to translate

Questions

- How is PICES information currently used in policy or management and by whom?
- How could PICES information be utilized more effectively?
- What enables successful co-production within PICES?
- What are the biggest barriers to co-production within PICES?
- Who else could PICES engage with to generate policy-relevant information?
- How are we or could we engage stakeholders within PICES structures and processes?
- What mechanisms or tools could PICES develop to make its information more accessible and actionable?
- What emerging topics or critical areas could PICES focus on?
- What types of data, products, or processes within PICES would be most useful for your organization or agency? Please include your org/agency & type of product.
- Other considerations?

A serene landscape featuring a clear blue sky with scattered white clouds and a calm blue ocean. The horizon line is visible in the lower third of the image. The word "Break" is centered in the sky area.

Break

Future of the Science-Policy Interface at PICES

Reflections: Part II - Dot voting



Walk around, read, & vote

- Please **walk around** and **read** what has been put up
- Use the **dots to elevate/vote for ideas that resonate with you** or that you think are particularly important
- Please also feel free to **add any new ideas** that come to mind
- **Circle back through the boards after voting** to see what concepts or ideas have many votes
- Please **prepare to discuss** any insights or things that stand out to you

Future of the Science-Policy Interface at PICES

Closing group discussion

Group Discussion

- Was there anything in particular that stood out to you or was noteworthy?
- Anything that you felt was missing or needs additional discussion?
- Any other reflections/thoughts?

Closing remarks & next steps



Next steps

- **Panel remarks** summarizing our session presented during the closing PICES session on Friday morning – *we hope to see you there!*
- A **summary document** detailing key outcomes and lessons learned (e.g., published in PICES Press) & potential ICES JMS article
- **Community & continued dialogue** around actionable knowledge in international organizations
- Follow-up **PICES session/workshop proposal?** - *due Nov 15*
- Other thoughts?

Please let us know if you are especially interested in helping with any of these





Thank
you!