

PICES-ICES WG53/WGSPF meeting (May 2026)

Activity 9: Improving management with actionable science

Activity leaders:

- Kym Jacobson (USA, NOAA)
- Peng Sun (P.R. China, OUC)
- Robert Wildermuth (USA, NOAA)



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Activity progress: meetings

- Activity in the past year – since July 2025
 - Activity Group meetings: July 1/3, Sept 23/24, March 27 (partial)
 - Workshop 2 – May 4
 - Workshop 4 – May 4
 - Session 1 – May 6-7
 - In conjunction with Activity 8

Potential images



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Activity progress: results

Brief description of work (databases, ongoing papers, etc)

- Szalaj et al. – review of EBFM progress in SPF fisheries
- Session 1 paper: “Channeling advances in ecological modelling of small pelagic fish into climate-adaptive fisheries management”
- Workshop 2 paper: “Best Practices for Improving Assessment of Small Pelagic Fishes Using Environmental Indicators”
- Workshop 4 paper: Baker, Garrido et al. **“Identifying industry and management priorities to inform research in fisheries.”** – participation welcome for any interested in engaging with industry contacts in your region



Workshop 4

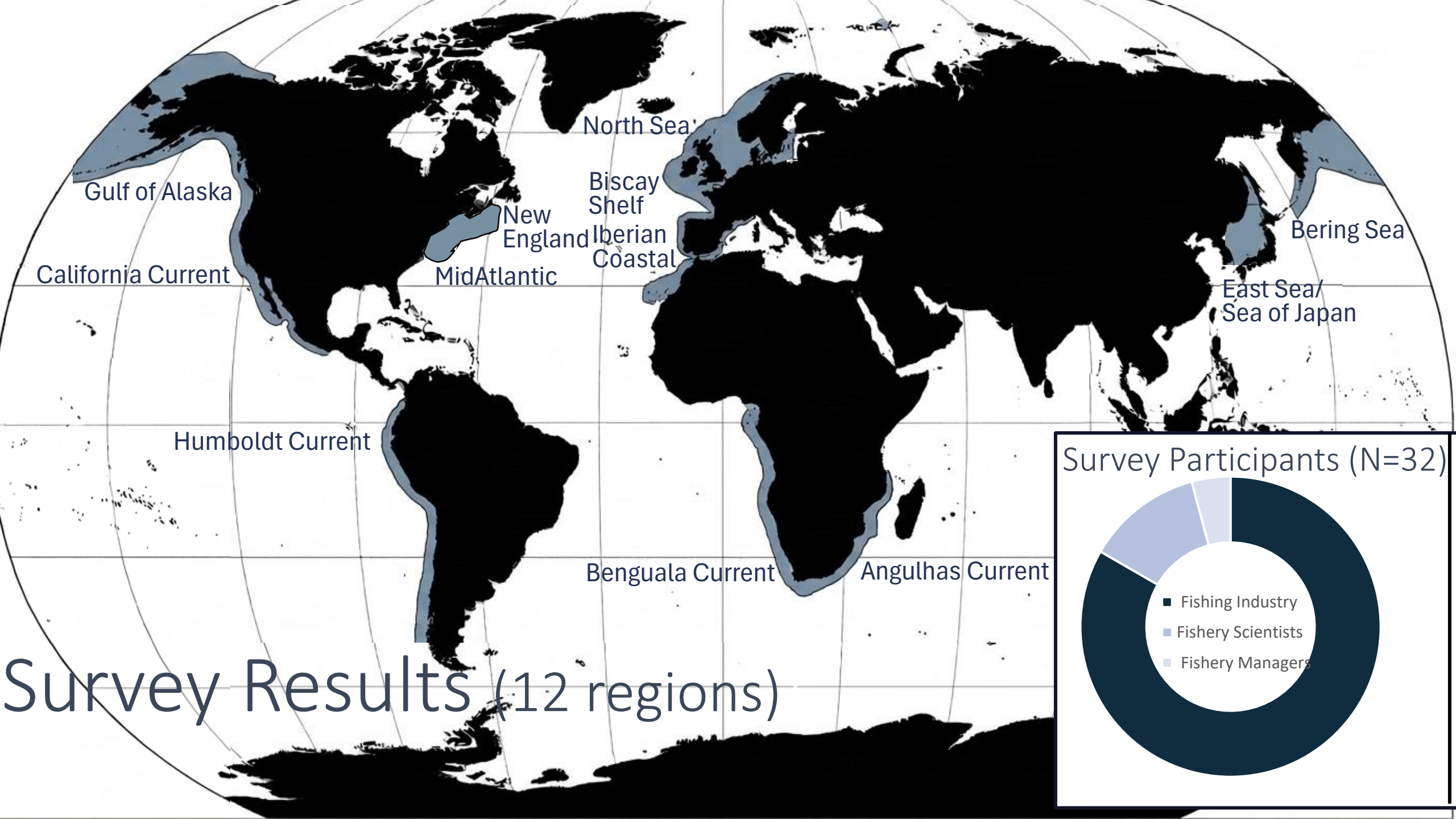
Identifying Management- and Industry-informed research priorities for small pelagic fisheries

Goals and Intentions

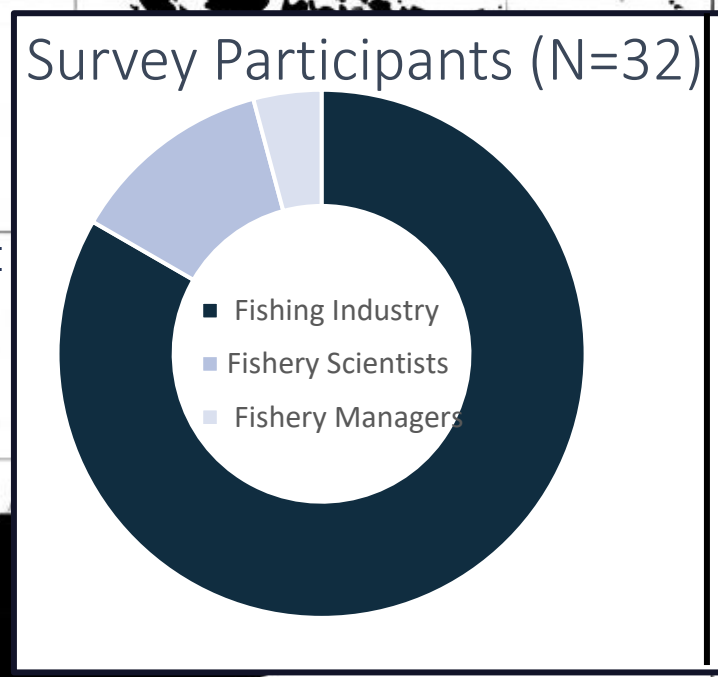
- further engage industry in setting research priorities to inform management
- facilitate discussions with fisheries scientists, managers, and industry/fishers
- determine what stakeholders expect from the research community

Workshop Leads:

Matthew Baker (USA), Susana Garrido (PRT), Niels Hintzen (NED) Minje Choi (KOR), Asami Takahasi (JPN)



Survey Results (12 regions)



Survey Results

Fish Species

- Atlantic Herring (*Clupea harengus*)
- Atlantic Mackerel (*Scomber scombrus*)
- Atlantic Horse Mackerel (*Trachurus trachurus*)
- Blue Whiting (*Micromesistius poutassou*)
- Pacific Hake (*Merluccius productus*)
- Pacific Herring (*Clupea pallasii*)
- Alaska Pollock (*Gadus chalcogrammus*)
- Alaska Salmon (*Oncorhynchus* spp)
- Atlantic Menhaden (*Brevoortia tyrannus*)
- Atlantic Herring (*Clupea harengus*)
- Atlantic Mackerel (*Scomber scombrus*)
- European pilchard/Iberian sardine (*Sardina pilchardus*)
- Peruvian Anchovetta (*Engraulis ringens*)
- South American Pilchard (*Sardinops sagax*)
- South African sardine (*Sardinops sagax*)
- Southern African anchovy (*Engraulis encrasicolus*)
- Redeye round herring (*Etrumeus whiteheadi*)





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Activity progress: discussion

- Points for discussion of the activity
 - Place-based management of SPF?
 - Low/moderate-data management frameworks
- Planned joint analyses
- Breakout group topics?
 - Additional case studies for Szalaj et al. review?
- Data needs?
 - Additional responses to Matt Baker's management priorities survey?





General points for WG meeting

- List some points for the general discussion and opportunities for cross-activity collaboration
 - Outcomes/products from WS 2, 4, 7, and 8?
 - Cross-activity opportunities with Act 6?
- Ideas for how your activity can contribute to the Small Pelagics in 2050 Synthesis
 - Scenario development for 2050 (?)