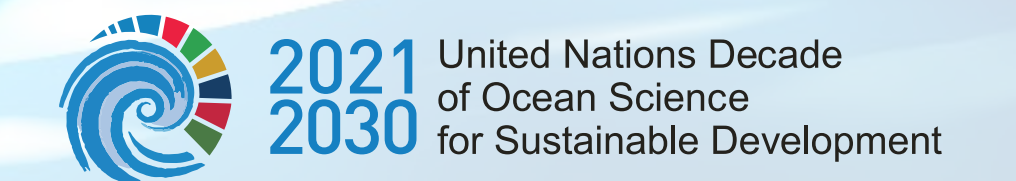# PICES and ICES introduce an UNDOS Program entitled SmartNet:
Sustainability of Marine Ecosystems through global knowledge networks

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PICES and ICES are established intergovernmental marine science organizations with a network of scientists, significant knowledge-generation and sharing capacity. PICES and ICES comprise 23 northern hemisphere member countries as well as organizations with formal PICES/ICES affiliations, including southern hemisphere countries, UN bodies, Regional Fisheries Management Organizations, and parties to Regional Seas Conventions.

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

During the UN Decade of Ocean Science for Sustainability, PICES and ICES, have established SmartNet: a UN-endorsed global knowledge network for ocean science.

SmartNet will:

- Implement a coordinated global network to support production and distribution of knowledge focused on marine social-ecological systems and services they provide.
- Facilitate ecosystem-based science to create tools and assessments that support evidence-based decision-making, including cumulative effects evaluation and trade-off analyses.
- Provide ecosystem, fisheries, and aquaculture assessments to: describe ecosystems; identify human pressures and impacts on key ecosystem components; and advance best practices in the inclusion of traditional, local, and stakeholder knowledge.
- Generate clear science communications targeted at achieving solution-based goals for the "Ocean We Want," through state-of-the-art evidence-based advice to meet the conservation, management, and sustainability goals of stakeholders.
- Implement joint expert groups and facilitate symposia that prioritise accessibility and increase scientific collaboration with diverse partners, under-represented communities, indigenous populations, and early career ocean professionals.
- ICES and PICES coordinate diverse efforts to understand, estimate and predict climate change impacts on marine ecosystems, addressing UNDOS themes to: assess global implications of climate change on the spatial distribution and forecasting of fish and fisheries; create seasonal to decadal predictions of marine ecosystems; develop and evaluate socio-economic scenarios; and develop scientific evidence to support decision-making. Our current collaborative efforts will be extended in cooperation with partners, i.e. regional organisations, stakeholders and member countries.

Please contact us if you're interested in becoming a SmartNet partner. The SmartNet fact sheet is available on the UNDOS website.

Our natural capital and infrastructure make us ideally positioned to focus scientific efforts to meaningfully contribute to the UNDOS. Contact us to participate and collaborate in SMARTNET! Learn more in the eco magazine special UNDOS issue: https://tinyurl.com/yvywpyjf

PICES / MAFF MarWeb project team and students releasing juvenile Olive Ridley sea turtles on the Pacific coast of Guatemala. https://meetings.pices.int/projects/marweb