

Technical Committee on Data Exchange Action Plan (2016-2019) draft

Mission

The mission of the PICES Technical Committee on Data Exchange (TCODE) are as follows:

1. Identify the data management requirements of PICES;
2. Development strategic plans to meet these requirements;
3. Recommended establishment of ad hoc task groups to deal with specific functions of TCODE;
4. Review the progress of task groups and provide Annual Reports to Science Board on the work of TCODE; and
5. Advice the PICES Secretariat on its data exchange activities.

Strategy of TCODE

To implement its mission, the TCODE will address each of the six specific goals to advance and apply scientific knowledge of PICES strategy. Specific actions and tasks within each of these goals are as follows:

Goal 1: Foster collaboration among scientists within PICES and with other multinational organizations

Action 1 Establish dialogue with the various bodies of the international, national, state and local organizations, commissions and programs involved into Marine Data and Information Management issues

Task 1.1 Maintain dialogue with the ICES Data and Information Group (DIG).

Task 1.2 Maintain dialogue with the IODE of the IOC of UNESCO and its programme

Task 1.3 Maintain dialogue with the NOWPAP DINRAC and NEAR-GOOS

Task 1.4 Support S-HAB work with the IOC-ICES-PICES Harmful Algal Event Database (HAEDAT) and required metadata

Task 1.5 Review and evaluate SCOR new working group proposals

Goal 2: Understand the status and trends, vulnerability and resilience, of marine ecosystems

Action 2 Propose and support topic sessions and workshops at upcoming annual meetings, and intersessional meetings and symposia

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Goal 3: Understand and qualify how marine ecosystems respond to natural forcing and human activities

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Goal 4: Advance methods and tools

Action 4 Provide support for the use of shared information technologies

Task 4.1 Update and disseminate the Technical report of PICES TCODE Geospatial Portal

Task 4.2 Plan topic sessions and workshops at upcoming annual meetings for marine data quality control/assurance and information exchange

Task 4.3 Advise the PICES Secretariat and expert groups on its data exchange activities

Goal 5: Provide relevant scientific information pertinent to North Pacific ecosystems that is timely and broadly accessible

Action 5 Assist in preparing the North Pacific Ecosystem Status Report

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Goal 6: Engage with early career scientists to sustain a vibrant and cutting edge PICES scientific community

Action 6 Promote and support training and education activities of local, regional and international organizations

Task 6 Promote and support training and education activities of IOC, IODE, ODINWESTPAC, IOCCP, Future Earth and other regional and international organizations and programme.