

## **PICES TCODE Data-Sharing Project to Federate Metadata on North Pacific Ecosystems: Phase II**

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Significant progress has been made over the past year to connect PICES member nations' metadatabase systems into one integrated resource. With this new scientific resource, a user of any one metadata inventory will have the ability to search for data catalogued by any and all other participating system with a single search request. Using modern data management techniques to cross-search separate metadatabases provides the advantages of shared metadata without compromising national ownership, data integrity, or security of national metadata products.

TCODE adopted a pilot KODC-NPEM federation as part of its 2005 work plan and the first PICES node (PICES-NPEM, PICES North Pacific Ecosystem Metadatabase) has been registered with the National Spatial Data Infrastructure clearinghouse and a node for KODC (PICES-KODC) will soon be on line. The status of the PICES nodes can be found at <http://registry.fgdc.gov/serverstatus/> and the nodes can be searched by going to <http://clearinghouse3.fgdc.gov/>. Over the past year two successful planning meetings took place that discussed required technical details and technical hurdles and the means to address and solve problems associated with federating with KODC. Success with this project means efforts with other PICES countries will easily scale up with a nominal investment of time and planning.