

## NATIONAL OCEANIC DATA AND INFORMATION COORDINATION COMMITTEE – CTN DIOCEAN: ARTICULATING EFFORTS TO PROMOTE OPEN DATA IN COLOMBIA

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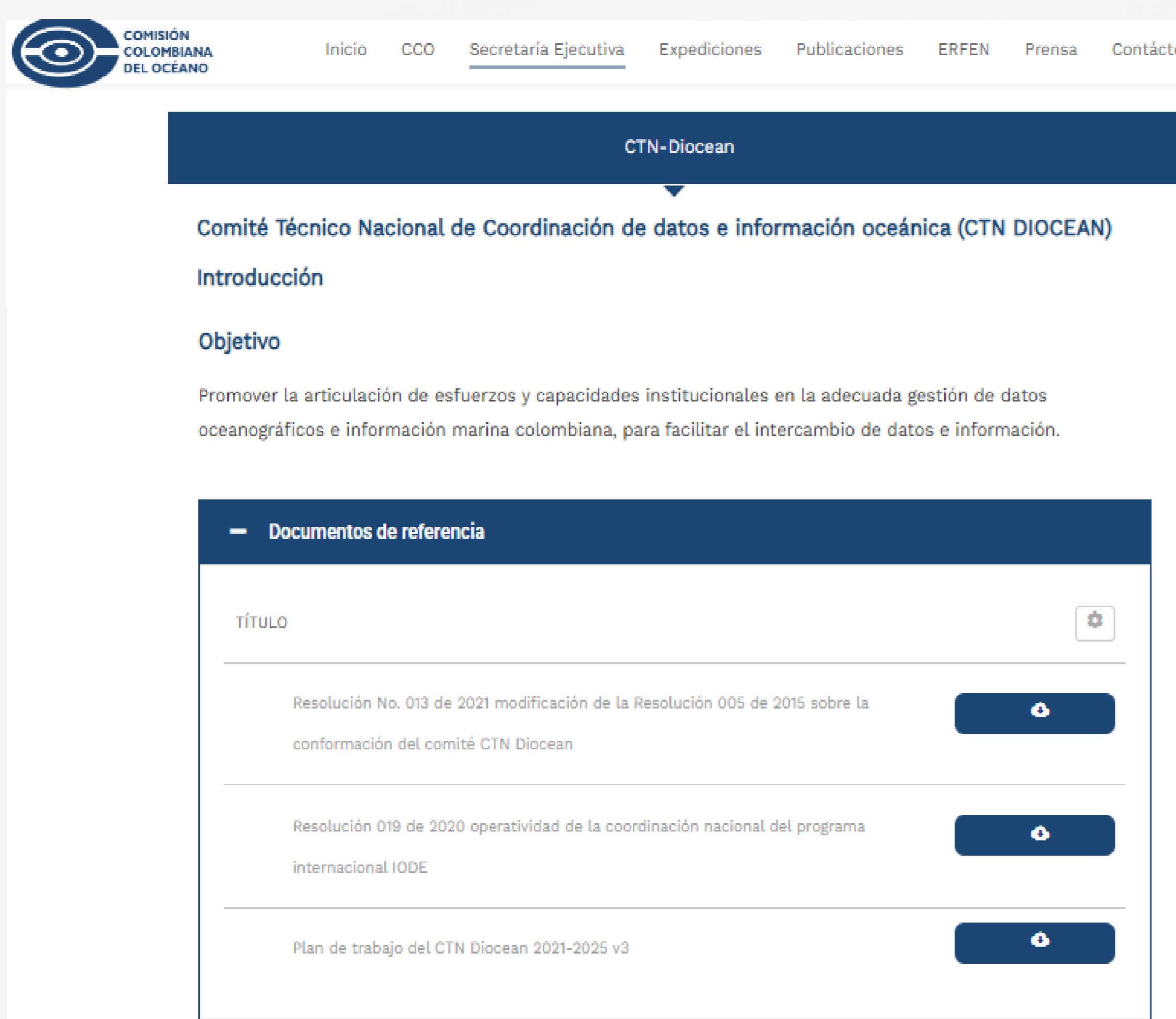
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ABSTRACT

The CTN DIOCEAN is an inter-institutional cooperation initiative to manage issues related to the life cycle of oceanic, marine, and coastal data within the framework of the Colombian Ocean Commission (CCO), becoming a pillar for the consolidation of ocean data standards and best practices in the country. This national committee has met continuously for 10 years, achieving important contributions to the data management, promoting the interaction of national technical institutions, universities and other organizations involved in scientific research and data and information generation, to integrate, share experiences, promote access, use, and take advantage of available capacities. To articulate efforts, different methodologies have been implemented, such as working groups on standards and best practices in data management, information systems, marine information management (libraries/marine information centers), among others. As a result of this cooperation, products have been developed on standardization, data quality, spatial data infrastructure, metric design, recommendations, and adoption of good practices. The Committee's Challenge is strengthening informed decision-making through the exchange, integration and interoperability of Colombia's sectoral information systems continues.

### KEYWORDS

Open data. Marine data. Geographical data. Access to information. Information needs. Information users



### CTN Diocean Newsletter



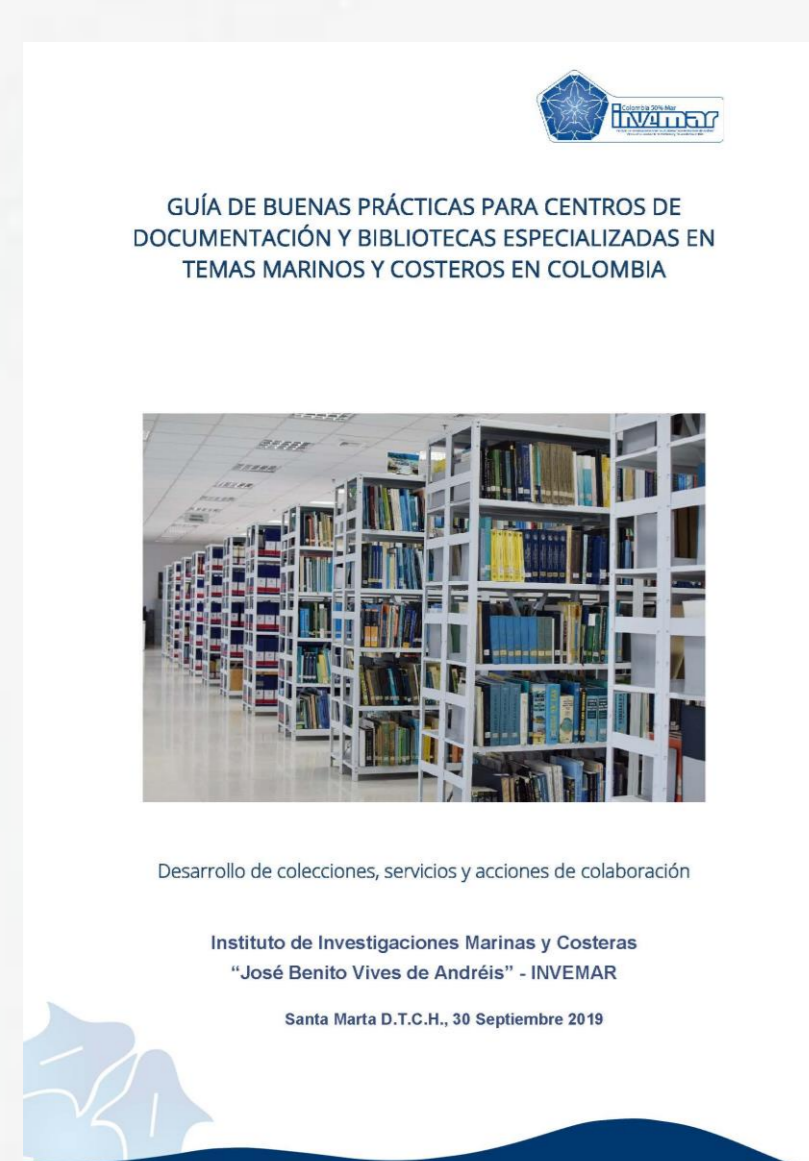
### Website:

<https://cco.gov.co/secretaria/marinos/datos-e-informacion-oceanica>



### Statistical supply and demand in marine and coastal issues

### National survey on access and use of ocean data



[Guide to good practices for marine and coastal documentation centres and libraries in Colombia](#)



[Reference Manual on Ocean Data Management Best Practices - Colombia](#)

METODOLOGIA

### Data cycle methodology for ocean data and information



Adapted from SLGO, 2015 in CTN Diocean. Manual de Referencia en Mejores Prácticas de Gestión de Datos Oceánicos. Número 3 / 2018.

### Mixed model of ocean data management

"Some data providers do not have data management capability and provide data to a central national oceanographic data centre (IODE-NODC), Other data providers with data management capability, link their data centre through a distributed network".

IOC Manuals and Guides No. 5, 2nd. rev. ed. UNESCO 2008 (IOC/2008/MG/5rev.2)

- The Diocean Committee has succeeded in promoting good practices at each stage of the data life cycle, through inter-institutional cooperation and contributions from universities.
- Due to the large volume of ocean data currently being generated in Colombia and contributing to a common need, it is strategic to maintain fluid communication between the main producers of ocean data and information in the country, in different disciplines (oceanography, marine meteorology, geology, biodiversity, etc.) and other important actors in data management such as the national statistical authority, the Colombian spatial data infrastructure and academia. The Diocean Committee has become a space for cooperation and communication for these purposes.
- Inter-institutional coordination has generated synergies that have allowed the development of initiatives to strengthen and disseminate access to ocean data in the country.
- Both IODE National Coordinator for Oceanographic Data and IODE National Coordination for Marine Information are recognized for their contributions to ocean data management in the region. Colombia is currently participating in several IODE projects and has made available its capacity to receive students and advise other countries. This is one of the results of implementing a mixed model of ocean data management in Colombia.

CONCLUSIONES

### Acknowledgements:

To the delegates of the institutions that are part of the Diocean Committee, for their commitment to the ocean data management in Colombia

