

# INTRODUCTION TO THE GEOTRACES INTERMEDIATE DATA PRODUCT 2021

**Catherine Jeandel**

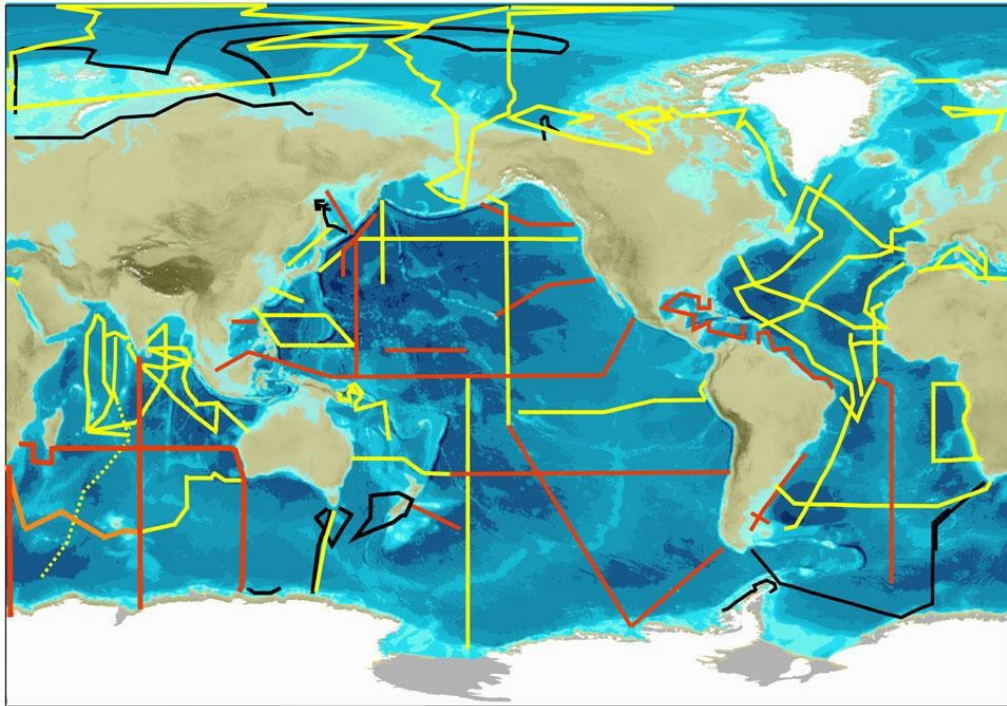
GEOTRACES IPO senior scientist



# GEOTRACES MISSION

**GEOTRACES** mission is to identify processes and quantify fluxes that control the distributions of key trace elements and isotopes (TEIs) in the ocean, and to establish the sensitivity of these distributions to changing environmental conditions

**Scientists** from more than **35 nations** have been involved in the programme, which is designed to **study all major ocean basins**



**To date:**

**35 nations**

**131 cruises completed**

**43 sections completed**

**1,721 publications**

**3 open source data products** released in 2021, 2017 and 2014

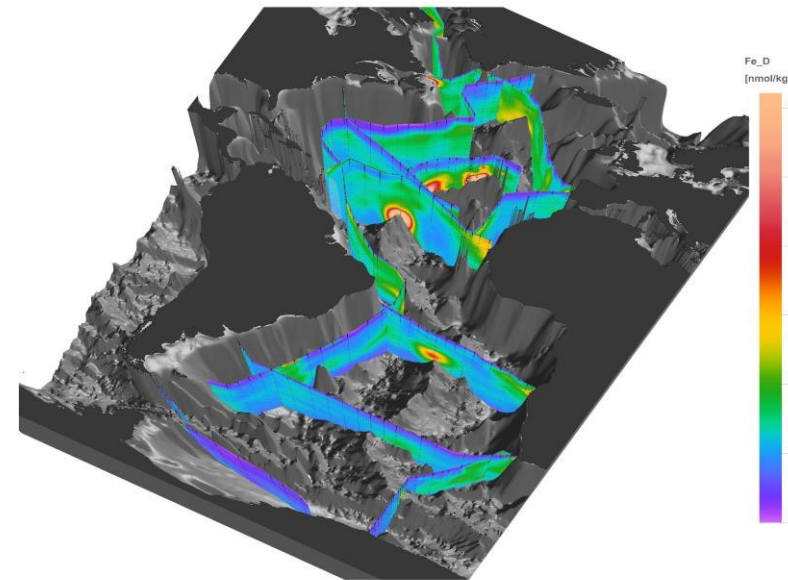
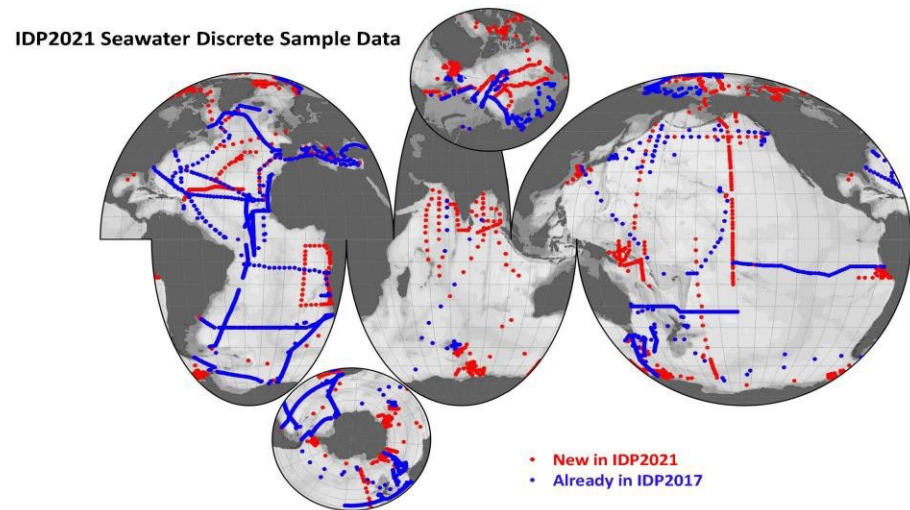


# GEOTRACES IDP2021

By releasing and sharing more hydrographic and marine geochemical high-quality data from 77 cruises, we wish to strengthen and intensify the collaboration within the marine geochemical community itself, but also invite colleagues from other communities to join us.

IDP2021 consists on:

- (1) a compilation of digital trace metal data 100,000 samples from 77 cruises ([geotraces.org/dp](https://geotraces.org/dp))
- (2) the eGEOTRACES Electronic Atlas ([egeotraces.org](https://egeotraces.org))



Dissolved Fe in the Atlantic Ocean

# HIGH-QUALITY DATA = INTERCALIBRATION

## How does the GEOTRACES S&I committee assess data quality for IDP?

