

DOoR – A metadata web-based portal that has made a difference in the management of geochemical data

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Data from the GEOTRACES International Programme (www.geotraces.org) is publicly released in a regular basis. This means thousands of data coming from many cruises and from scientists from about 35 countries. These data need to be named, intercalibrated and processed before being released. Many documents and data that were initially tracked using shared spreadsheets. However, information sharing among three committees and two data management groups was difficult (e.g duplication, missing connections) and also involved a huge amount of work. GEOTRACES therefore decided to create a web-based portal called DOoR (Data for Oceanic Research: <https://geotraces-portal.sedoo.fr/pi/>). DOoR is 7 interfaces one of which is assigned to scientists (to register, obtain templates, provide metadata and track the status of their data) and others assigned to the committees and individuals responsible for data management and for administration of the portal. DOoR has streamlined the creation of the data product, doubled the amount of data that committees and data managers can process, among other benefits. We will present the DOoR portal and the main lessons learned during the process of creating it.