



Metadata Publication and Search System in JAMSTEC

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Back Ground

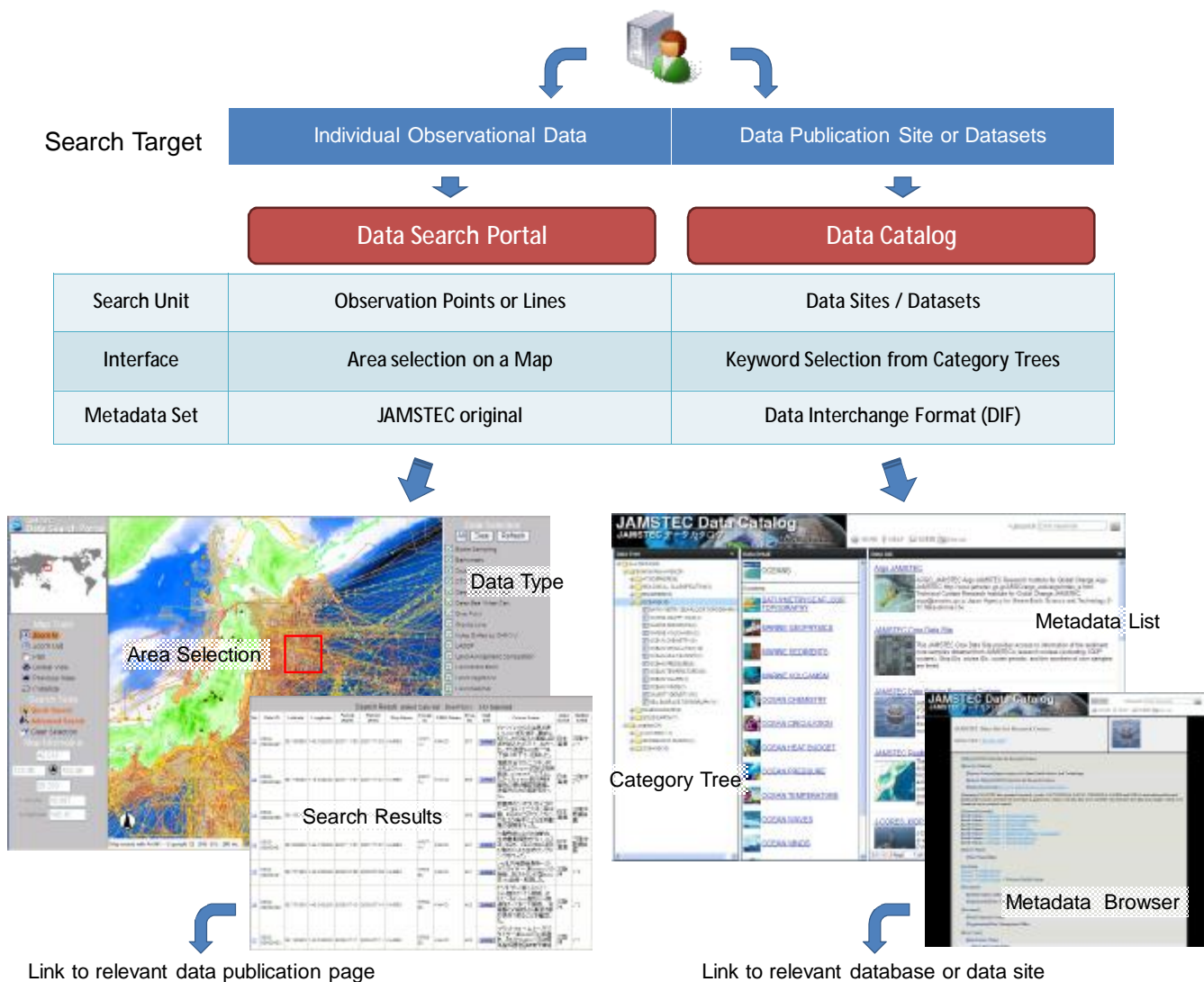
Japan Agency for Marine-Earth Science and Technology (JAMSTEC) has carried out observations and researches on the Earth and the Ocean for about thirty years and positively publicizes the data and sample information. As so many kinds of and much amount of data is opened from many data sites, it has become difficult for users to find data easily from these data publication sites.

As the solutions of this problem JAMSTEC has developed two kinds of services; “**JAMSTEC Data Search Portal**” and “**JAMSTEC Data Catalog**”, which helps users to find data and their publication sites in different ways.

Search for Data on a Map or for Data Sites by a Category Tree

Data Search Portal is a Web GIS based search system **for observational data**. Users are able to confirm the distribution of observations on a map and search for observational data **by selecting the area of interest**. Data Search Portal is going to be an integrated portal system for all observations of JAMSTEC including terrestrial observations or moorings.

Data Catalog is a search system not for individual observational data but **for databases, data publication sites or datasets** of all kinds of research activities including data analysis or simulation. Data Catalog provides easy search ways of **selecting a scientific category from a classification tree** or simple text search. Data Catalog will be extended to data sets which scientists can not publicize due to their facility limitations.



JAMSTEC Data Search Portal http://www.godac.jamstec.go.jp/dataportal/index_eng.html

JAMSTEC Data Catalog http://www.godac.jamstec.go.jp/catalog/data_catalog/index_en.html