



What is a DOI



- (b) It is a persistent identifier or handle used to uniquely identify objects, standardized by the International Organization for Standardization (ISO)
- (b) Each DOI name permanently and unambiguously identifies the object to which it is associated
- (b) It also associates metadata with objects, allowing it to provide users with relevant pieces of information about the objects and their relationships
- (b) Included as part of this metadata are network actions that allow DOI names to be resolved to web locations where the objects they describe can be found
- (b) DOIs are in wide use mainly to identify academic, professional, and government information, such as journal articles, research reports and data sets, official publications and other types of information
- (b) A DOI aims to be "resolvable", usually to some form of access to the information object to which the DOI refers. This is achieved by binding the DOI to metadata about the object, such as a URL, indicating where the object can be found.
- (b) It is used to locate, identify, and cite research data



Why using DOIs?



- (b) Increase data sharing stimulating data providers to unlock earlier their data
- (b) Increase data re-use, stimulating downstream applications (i.e. MPA connectivity)
- (b) Encourage the creation/population of web catalogues (ISO)
- (b) Stimulate/improve communication and dissemination activities
- (b) Improve the overall quality of science "products" through transparency (i.e. project reports, project results)
- (b) Easier to give credit of EMODnet activities: EMODnet visibility increases
- (b) Provide statistics on the usage of the "object" → its impact

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The current situation

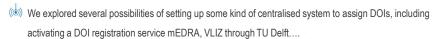
- (d) Mediterranean Checkpoint: DOIs for Data Adequacy Reports and Literature Surveys, Targeted Products, Challenge Reports describing the Targeted Products...
- (b) EMODnet Bathymetry: DTM
- (b) Seabed Habitats: DOI for the Technical Report "EUSeaMap, A European broad-scale seabed habitat mal"
- (b) Chemistry: DOIs assigned to all their products
- (6) Geology, Biology, Human Activities, Physics

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The suggestion



- (d) There are data publishing repositories in Europe that propose free publication of research data with DOIs (Zenodo, Pangaea, Seanoe)
- Otherwise, entities that want to implement a DOI attribution mechanism for its data holding through DataCite has first to suscribe a contract with the national representative, they get a prefix etc...

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