





A Data Management Plan Template for Archaeology

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General outline



Data Management Plan?

Data Management Plans (DMPs) are a *key element* of good data management. A DMP describes the data management life cycle for the data to be collected, processed and/or generated by a Horizon 2020 project. As part of making research data findable, accessible, interoperable and re-usable (FAIR), a DMP should include information on:

- the handling of research data during and after the end of the project
- what data will be collected, processed and/or generated
- which methodology and standards will be applied
- whether data will be shared/made open access and
- how data will be curated and preserved (including after the end of the project).

https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-data-mgt_en.pdf



Introduction to data management planning and plans

A data management plan is a document that describes the way you are going to manage the data and datasets related to a project.

- It is an adjustable roadmap.
- DMPs are often required by research funding agencies
- DMPs also tackle the FAIR data issues to make sure research data are findable and can be reused



https://www.goshen.edu/academics/data-management/



DMPs with disciplinary standards?

Funding agencies recommend the use of disciplinary standards, formats and repositories.

"Justify the use of certain formats. For example, decisions may be based on staff expertise within the host organisation, a preference for open formats, standards accepted by data repositories, widespread usage within the research community, or on the software or equipment that will be used."

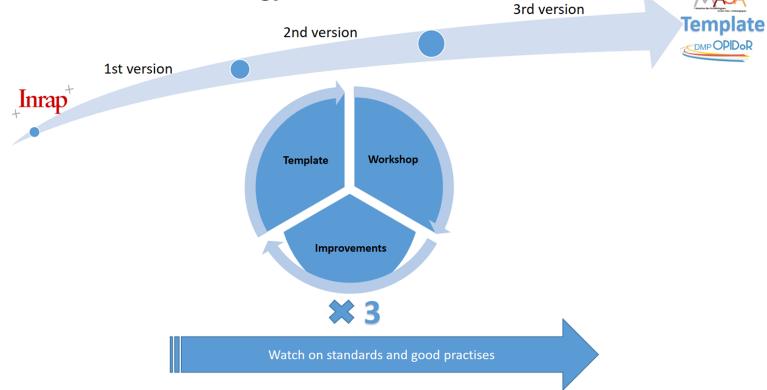
ANR 2019 template recommendation: https://dmp.opidor.fr/template_export/1858712127.docx

"Specify standards for metadata creation (if any). If there are no <u>standards in your discipline</u> describe what metadata will be created and how"

EC H2020 Fair template recommendation: https://dmp.opidor.fr/template_export/1858712127.docx



The MASA WG methodology







How to create a DMP with the MASA template



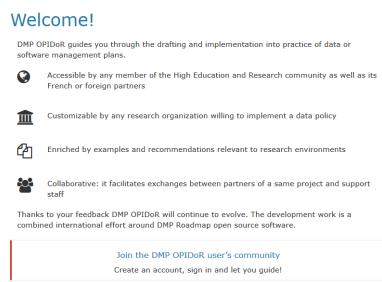
The DMP OPIDoR platform

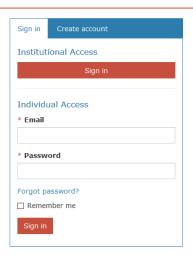
- 140
- Public DMPs DMP Templates
- elp More

English(UK) ▼



2. Sign in



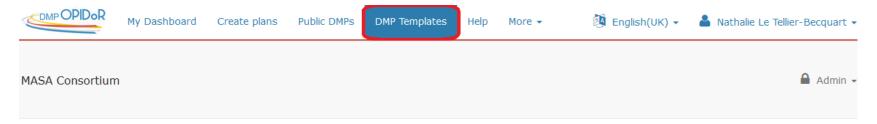


Discover DMP OPIDoR





Finding the MASA template



DMP Templates

DMP templates provided by a funder or research organisations, available on DMP OPIDoR. You can download these templates and related guidances, create a plan from these templates.





Creating your own DMP from the MASA template

Template			Description	Last Updated 💠	Download	Actions
MASA - Modèle de PGD (français)	MASA Consortium	Institution	Plan de gestion de données pour l'archéologie Ce modèle a été élaboré dans le cadre d'un groupe de travail du consortium Mémoires des archéologues et des sites archéologiques (MASA). Il est basé sur une version initiale réalisée à l'INRAP en 2018. décrire les données de manière globale (onglet Généralités sur les données) puis, plus finement, par jeu de données ou lot de fichiers. Ces ensembles de données peuvent être constitués en référence à une typologie documentaire-{photographies, transcriptions, fiches descriptives d'objets, etc.) ou selon des ensembles intellectuellement cohérents (étude céramique, d'anthropologie, etc.). Si votre projet comporte plusieurs jeux de données, vous devez préalablement les identifier dans la section Produit de recherche (en sélectionnant le type "dataset"). L'onglet Jeux de données est ensuite automatiquement subdivisé en autant de sous-onglets qu'il n'y a de "produits de recherche" afin de permettre une description détaillée de chaque jeu de données. Pour contacter le groupe de travail : pgdmasa@groupes-renater.fr	15-06-2020		016
MASA - Template for a DMP (English)	MASA Consortium	Institution	Data Management Plan for Archaeology This model was developed by a working group of the Memories of Archaeologists and Archaeological Sites Consortium (MASA). It is based on an initial version produced at INRAP in 2018	16-06-2020	w	

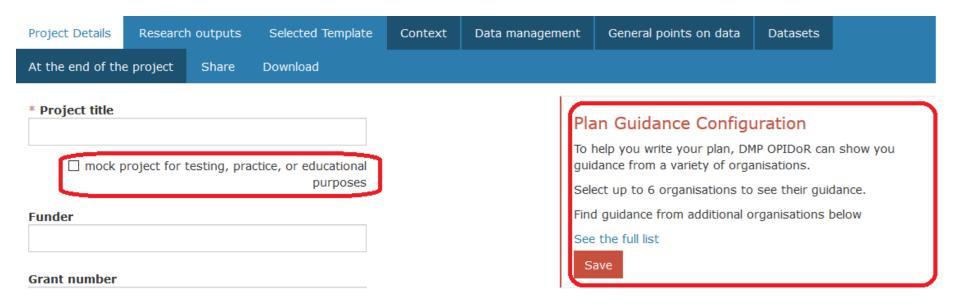






Project Details	Project Details Resea		Selected Template	Data management	
General points on data		Datasets	At the end of the proj	ject Shai	re Download

Project details: Mock project for training





"The evolution of Rome's maritime facade"'s project

Amanda Claridge¹ and Helen Rendell²

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- 2. Department of Geography, University of Loughborough, UK. Email: H.M.Rendell@lboro.ac.uk



Cite this as: Claridge, A. and Rendell, H. 2013 The Evolution of Rome's Maritime Façade: archaeology and geomorphology at Castelporziano (Data Paper), Internet Archaeology 35. https://doi.org/10.11141/ia.35.11

Dataset Location

This dataset has been deposited with the Archaeology Data Service. doi: 10.5284/1000127

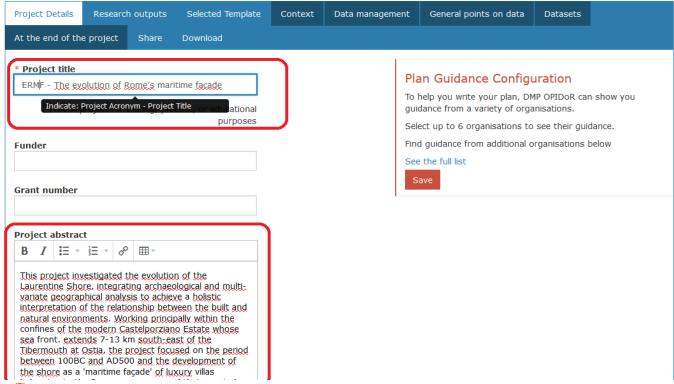
Referee

Referee statement by Charles French

Dataset Content

The dataset (Claridge and Rendell 2010) comprises both original digital and digitised (scanned) archival records relating to archaeological, topographical and geophysical fieldwork carried out by British teams at Castelporziano from 1984 to 2009 and geomorphological and environmental fieldwork in the area during 2006-2009 (Rendell *et al.* 2007; Bicket *et al.* 2009). The data are organised in 8 sections and 53 subsections, defined primarily by type of survey and then subdivided by individual site or group of sites, and/or data type.

"The evolution of Rome's maritime facade"'s project details







"The evolution of Rome's maritime facade"'s project details

Principal Investigator	
Name	
Amanda Claridge	
ORCID iD	_
0000-0003-1689-8356	
Email	
a.claridge@rhul.ac.uk	
Phone	

Data Contact Person										
☐ Same as Principal Investigator										
Name										
Richard Lindon										
Email										
richard.lindon@ucl.ac.uk										
Dharra										
Phone										
Save										

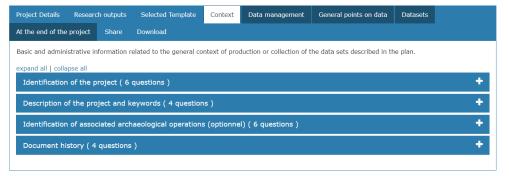


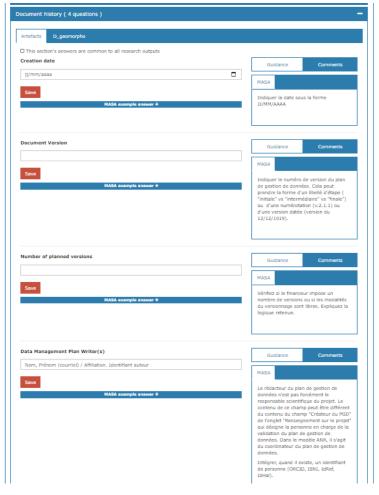
Project Details Research outputs Selected Template Context Data management General points on data Datasets

At the end of the project Share Download

Context

The evolution of Rome's maritime facade

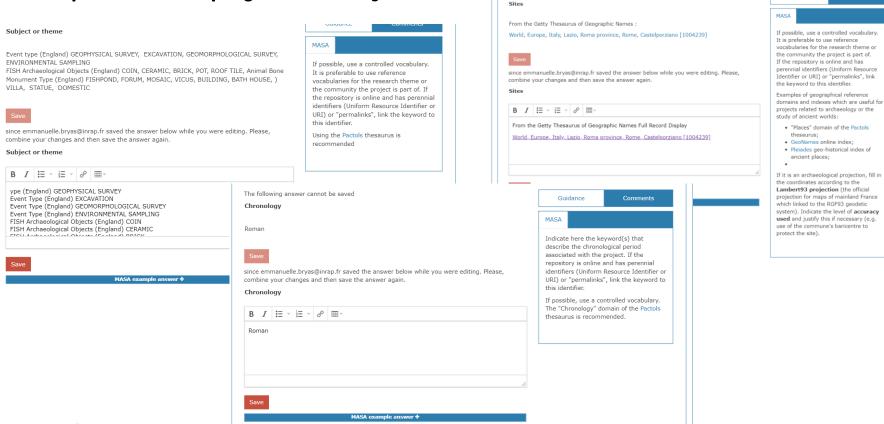








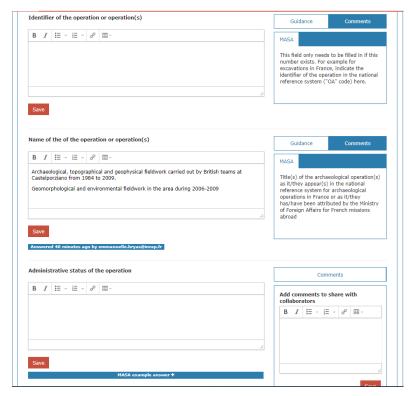
Description of the project and keywords

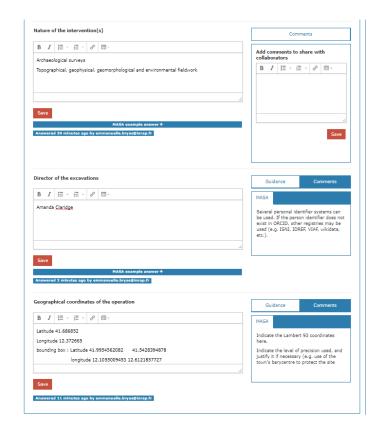






Identification of associated archaeological operations (optional)









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"Research outputs"

The evolution of Rome's maritime facade: archaeology and geomorphology at Castelporziano

Helen Rendell, Amanda Claridge, 2010

Introduction Overview Downloads Metadata Usage Statistics

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Section 1 | Section 2 | Section 3 | Section 4 | Section 5 | Section 6 | Section 7 | Section 8

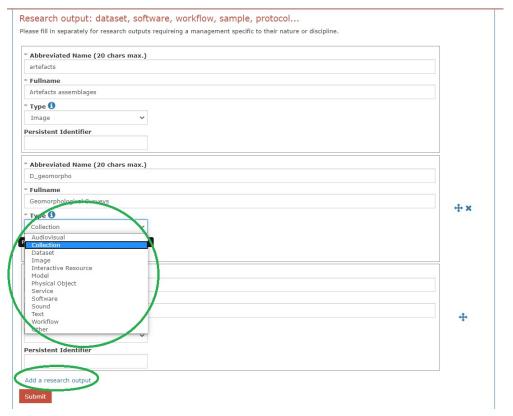
Downloads

The Castelporziano archive is split into eight sections, for a detailed guide to the contents of each section please see the overview page. Choose the section of the archive you wish to view from the list below:

- . Section 1: Project context & Guide to Site Records
- · Section 2: Archaeological Survey and Excavation Datasets
- · Section 3: Topographical Survey
- · Section 4: Geophysical Surveys
- Section 5: Geomorphological Surveys
- · Section 6: Environmental Survey data
- · Section 7: Archaeo-Zoological data
- Section 8: Artefact Assemblages



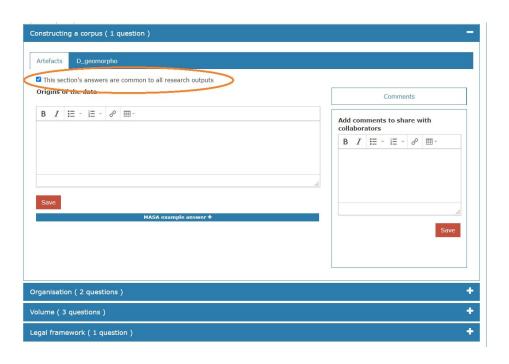
"Research outputs"







"Research outputs"





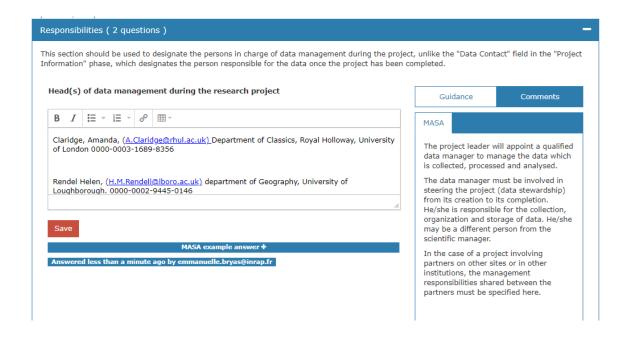
Project Details Research outputs Selected Template Context Data management General points on data Datasets

At the end of the project Share Download

Data management: Responsibilities

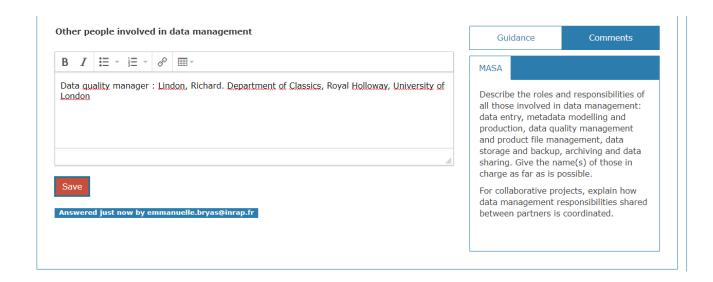
The data manager must be involved in steering the project (data stewardship) from its creation to its completion.

He/she is responsible for the collection, organization and storage of data. He/she may be a different person from the scientific manager.





Data management: Responsibilities







Project Details Research outputs Selected Template Context Data management Data overview Datasets

At the end of the project Share Download

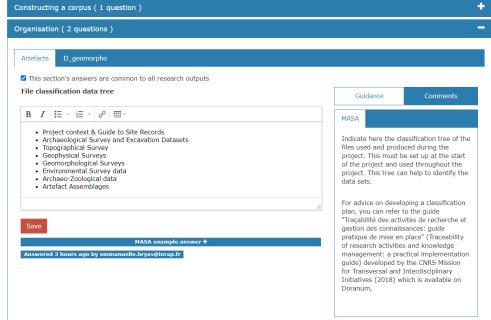
Data overview

Project Details Research outputs Selected Template Data management **Datasets** Context Data overview At the end of the project Download Share The data will be described by batch or dataset. Each dataset will consist of a set of files gathered with reference to a documentary typology (photographs, images, etc.) or according to intellectually coherent sets (ceramic, anthropology study, etc.). The file classification tree can be used as a basis for building batches. The re-used data will constitute separate lots. expand all | collapse all Constructing a corpus (1 question) Organisation (2 questions) Volume (3 questions) Legal framework (1 question)



Data overview: Organisation











Project Details Research	ch outputs	Selected Template	Context	Data management	Data overview	Datasets
At the end of the project	Share	Download				

Datasets

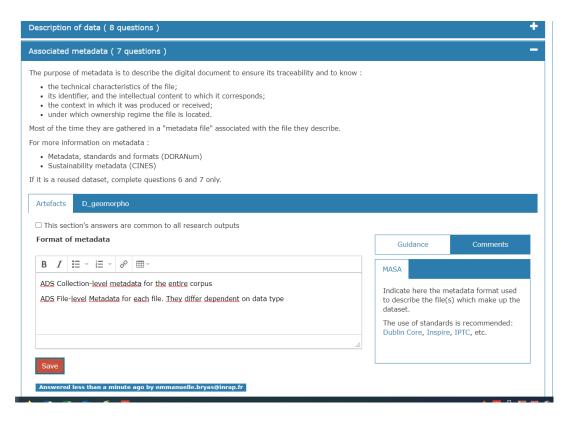
The evolution of Rome's maritime facade







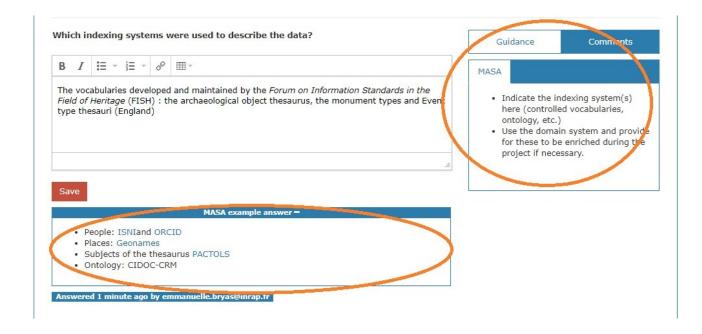
Datasets: Associated metadata







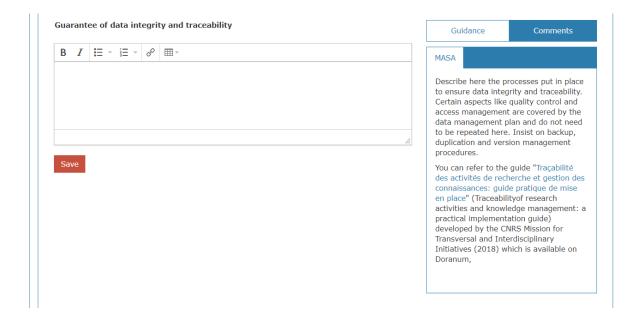
Datasets: Associated metadata







Datasets: Data safety







Project Details Research	arch outputs	Selected Template	Conte	ext	Data management
General points on data	Datasets	At the end of the pro	ject	Share	Download

Post-project action items

Data preservation and reuse need anticipation and planning, eg:

- User needs
- Data centres requirements

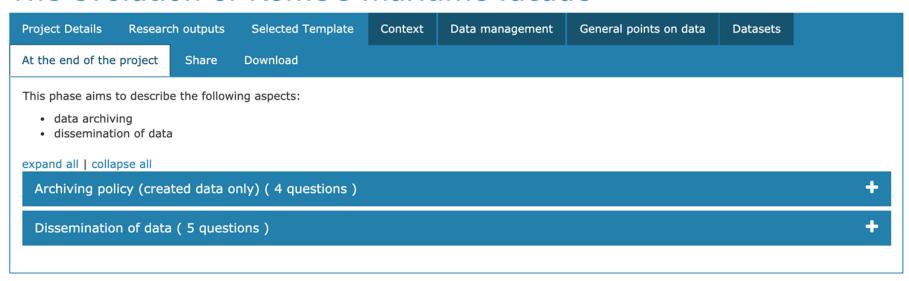








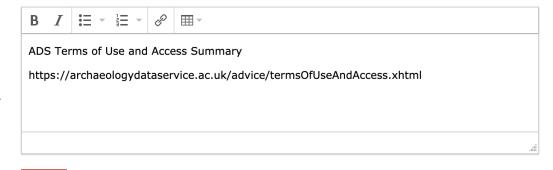
The evolution of Rome's maritime facade



Archiving policy: 4 questions

- Duration of the data retention or conservation
- Final Volume
- Arrangements for data conservation at the end of the project
- Terms and conditions for postproject data access

Terms and conditions for access to data at the end of the project





Save

Dissemination: 5 questions

- Dissemination policy
- Embargos?
- Publications
- Reuse potential



Potential for reuse of the data (target user groups, the resources required, etc.).



The dataset is intended to be re-usable in its entirety by the local Italian State archaeological service (Soprintendenza per i Beni archeologici del Lazio) for their own purposes; Sections 3-6 by the Castelporziano estate management (Segretariato Generale della Presidenza della Repubblica Italiana); the archaeological data in Sections 1-2 and 8, especially images, constitute primary research resources for the archaeology, topography and ancient history of coastal Latium (especially the international teams currently working at Portus, Ostia and the Tiber Delta e.g. Salomon et al. 2012), Roman architecture, building materials and techniques, brickstamp studies. The geomorphological and palaeo-environmental datasets (5 and 6) complement those developed independently for the proximal areas of the Tiber delta around Ostia Antica by Bellotti and co-workers (e.g. Bellotti et al. 2007).

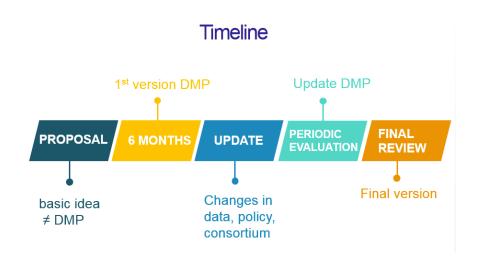
Source: <u>Claridge</u>, A. and <u>Rendell</u>, H. 2013 The Evolution of Rome's Maritime Façade: archaeology and geomorphology at Castelporziano (Data Paper), Internet Archaeology 35. https://doi.org/10.11141/ia.35.11

Save



First input completed!

- Other iterations required to complement and refine the answers
- In a project funded by the ERC or the ANR in France, there are at least 2 versions to deliver.
- DMP OPIDoR facilitates the continuous updating of the DMP.



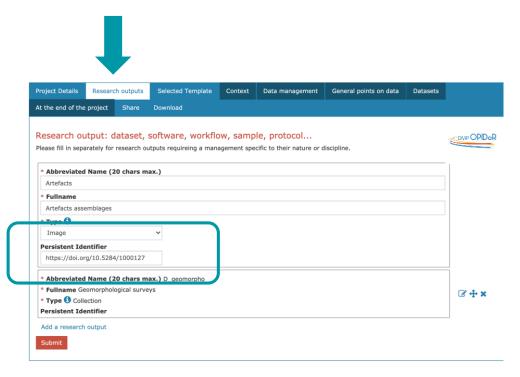
Source: https://www.openaire.eu/when-do-i-have-to-create-a-data-management-plan



How to link a data deposit to the DMP document?











How to download and share a DMP created with OPIDoR



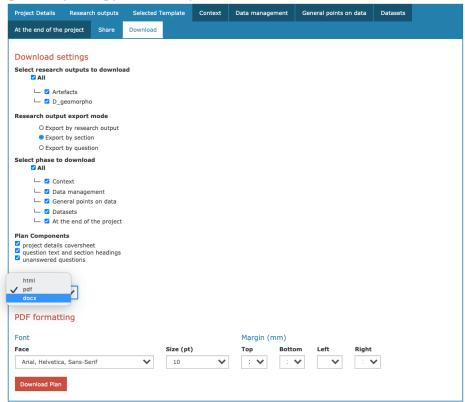
Project Details Research outputs		Selected Template	Context		Data management		
General points on data	Datasets	At the end of the project		Share		Download	

"Download" tab

Users can configure the document to download:

- section
- format (html, pdf, docx)
- PDF formatting (font, size, etc.)

The evolution of Rome's maritime facade: archaeology and geomorphology at Castelporziano





Wrap up time!





Topics covered in this presentation

- A brief introduction to DMPs and what they are useful for
- The MASA template = a specialized DMP template for Archeology datasets
- How it was tested, and can be improved with your feedback
- A brief overview of the template inside the collaborative platform OPIDoR
 - How to create a DMP with the MASA Template
 - How to fill the forms and answer the questions
 - How to comment, download and share



Feedback welcome!

Online MASA DMP template: https://dmp.opidor.fr/

MASA DMP template mailing list: pgdmasa@groupes-renater.fr

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See also MASA's blog: https://masa.hypotheses.org/



Questions?





Big Thanks to:

- DMP OPIDoR Team: OPIDoR assistance
- INIST-CNRS: English translation (Ongoing)
- TGIR HUMA-NUM: Research infrastructure supporting MASA
- MASA Consortium
- **ADS**: Digital repository for Digital Heritage in the UK Data of the example dataset (DOI: 10.5284/1000127)
- Our Research Centres:
 - INRAP (French National Institute for Preventive Archaeological Research)
 - **MSH Mondes** (House for Houses for the Social Sciences and Humanities) at the University Paris Nanterre
 - HiSoMA Research Centre (History and Sources of the Ancient Worlds)













