

VI. Data Management Plan

The following Data Management Plan for the Pompeii Bibliographic and Mapping Project (PBMP) describes how we will properly store, manage, disseminate and curate the data we generate and collect. It is divided into three sections: Expected and Retained Data, Dissemination, and Responsibilities and Rights.

Expected and Retained Data - The following table describes the five expected data types, data formats/Platform, interoperability standards, the responsible management team and curation.

Data Type	Data Format/Platform or Language	Interoperability Standards	Responsible Team	Curation
1. Bibliographic Database	MySQL; Omeka	UMass Libraries Metadata Guidelines ¹³	Library Team	UMass Libraries
2. Full-Text Repository	Omeka; SolrSearch plug-in	OAI-PMH ¹⁴	Library Team	UMass Libraries
3. Spatial Data (GIS) Archive	ESRI ArcServer	NSDI (FGDC) ¹⁵ , OGC ¹⁶	GIS Team	UMass Libraries
4. Web-based Interface	Java Script	WS-I, ¹⁷ ADA ¹⁸	GIS Team	UMass Office of Information Technology
5. Programming Code	Parts 1-4, above	GNU ¹⁹	GIS and Library Teams	UMass Office of Information Technology

Data Retention and Dissemination - All expected data are intended to be retained and most expected data, in parts 1-4 above, are intended to be disseminated immediately via the user interface. The underlying programming code, data type five, will also be made available through a documentation section of the interface. Upon completion of the project, therefore, all components of the data will be disseminated for nearly unrestricted (see below) public use. Moreover, because the data are independent as well as interdependent, most of these data will be released immediately upon their collection or creation. Thus, as new citations, full-text documents or GIS files are realized, they will be immediately included in the bibliographic

¹³ <http://www.library.umass.edu/assets/aboutus/attachments/Metadata-Guidelines-v3.pdf>

¹⁴ <http://www.openarchives.org/pmh/>

¹⁵ <http://www.fgdc.gov/>

¹⁶ <http://www.opengeospatial.org/>

¹⁷ <http://www.oasis-ws-i.org/>

¹⁸ <http://www.ada.gov/pcatoolkit/chap5toolkit.htm>

¹⁹ <http://www.gnu.org/licenses/licenses.html>

database, full-text repository, and spatial archive. Finally, as part of the development of functionality we will conduct limited releases beta versions of the Interface and programming code for testing, comment and improvement.

Responsibilities and Rights - At the beginning of the project and throughout its duration, each team will be responsible for the management of the data under its purview. On-going technical maintenance of the bibliographic database, full-text repository and GIS files will be conducted by the UMass Libraries. Maintenance of the user interface and the in-processing of new GIS files will be supported by the UMass Digital Humanities Initiative in cooperation with the university Office of Information Technology. Managing the data through these UMass institutions – the Libraries and the Digital Humanities Initiative – means that should the Principle Investigator leave the University, the data can continue to be maintained.

Project data will be made available immediately upon realization under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported. Users are therefore free to use, adapt and redistribute our project data so long as they do so in a manner consistent with the letter and spirit of openness defined by this license. Similarly, when new GIS files are derived by users and submitted (uploaded) for inclusion in the archive of spatial data, the same license requirements will be a condition of acceptance. The original permission to republish the citations and contextual information of the *Nova Bibliotheca Pompeiana* is granted through an agreement with the author and publisher.²⁰

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