**MMZ, or Compressed MiraMon Map, Format Specification**

**(UPDATED NOTE)**

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**Please note:**

**1/** This document has been updated. The current version can be downloaded at <https://www.miramon.cat/new_note/usa/notes/MMZFormatSpecification_LastVersion.docx>

**2/** Nevertheless, if you are looking for the **2013 MMZX format**, **standardized** under **ISO 19165** ("Geographic information -- Preservation of digital data and metadata") and **ISO 29500-2** (“Open Packaging Conventions, OPC”) you should go to:

**2.1/ For the MMZX idea and first original research paper and description**:

**Pons X, Masó J** (2016) A comprehensive open package format for preservation and distribution of geospatial data and metadata. *Computers & Geosciences*, 97: 89-97. The paper is open access and can be downloaded at: <http://dx.doi.org/10.1016/j.cageo.2016.09.001>

**2.2/ For the ISO 19165 standard, published 2018-05:**

<https://www.iso.org/standard/67325.html>

**2.3/ For the ISO 29500-2 standard, published 2012-09, and updated 2021:**

<https://www.iso.org/standard/77818.html>

**2.4/ For the MiraMon GIS & Remote Sensing software, the first world implementation of MMZ and the ISO 19165 standard:**

<https://www.miramon.cat/Index_usa.htm>