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# Documenting Spatial Data to LTER Network Standards

Thu, 04/26/2012 - 2:21pm — [tvalentine](#) <sup>[1]</sup>


The LTER GIS Working Group of the IMC has developed a workflow of Best Practices for documenting spatial data. Creating valid EML metadata document will insure that site geo-spatial data is discoverable in searches of the Network Information System (NIS) and at local sites. This document is dynamic, and updates/suggestions can be made to the GIS Working Group.

File was updated February 2013 to include improvements in raster data with arcgis 10.1 (T Valentine)

File was updated in December 2012 to include information about potential problems with raster data.

Added quick and easy conversion document for arcgis version 9.3 created by Leanne Lestak. [http://im.lternet.edu/sites/im.lternet.edu/files/Quick\\_dirty\\_convert\\_FGD...](http://im.lternet.edu/sites/im.lternet.edu/files/Quick_dirty_convert_FGD...) <sup>[2]</sup>

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## Development

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<a href="#">Quick_dirty_convert_FGDC_9.3_to_EML_2.1.docx</a> <sup>[2]</sup>	141.12 KB
<a href="#">Quick_dirty_convert_FGDC_9.3_to_EML_2.1_with_examples.zip</a> <sup>[9]</sup>	168.33 KB
<a href="#">Best Practices for documenting geospatial data version 6 (Feb_15_2013)</a> <sup>[10]</sup>	44.15 KB
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<a href="#">Best Practices for documenting geospatial data version 4 (Dec_18_2012)</a> <sup>[12]</sup>	37.08 KB
<a href="#">Best Practices for documenting geospatial data version 3 (Dec_2012)</a> <sup>[13]</sup>	35.65 KB

Attachment	Size
<a href="#">Best Practices for documenting geospatial data version 2 (April 2012)</a> <sup>[14]</sup>	34.67 KB
<a href="#">ArcGIS</a> <sup>[15]</sup> <a href="#">EML</a> <sup>[16]</sup> <a href="#">FGDC</a> <sup>[17]</sup> <a href="#">GIS</a> <sup>[18]</sup> <a href="#">GIS concepts</a> <sup>[19]</sup> <a href="#">gisData</a> <sup>[20]</sup> - Copyright © 2012 Long Term Ecological Research Network, Albuquerque, NM - This material is based upon work supported by the <a href="#">National Science Foundation</a> under Cooperative Agreement #DEB-0236154. Any opinions, findings, conclusions, or recommendations expressed in the material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation. Please <a href="#">contact us</a> with questions, comments, or for technical assistance regarding this web site.	

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- [8] [http://im.lternet.edu/sites/im.lternet.edu/files/2013\\_2\\_26\\_Best\\_Practices\\_for\\_documenting\\_geospatial\\_data7.docx](http://im.lternet.edu/sites/im.lternet.edu/files/2013_2_26_Best_Practices_for_documenting_geospatial_data7.docx)
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