

PRINT ONLY: DATA TOOLS, ACCESS, AND ARCHIVING

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[*FGDC Geospatial Metadata for the Planetary Domain*](#) [#2154]

Due to their uniqueness and variety, planetary metadata has never been synchronized with the widely available Federal Geographic Data Consortium standards. We describe the benefits of FGDC standards for geospatial data within the planetary domain.

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[*GPU-Accelerated Thermal Model for Planetary Surfaces*](#) [#1616]

Graphics Processing Units (GPUs) can be used as numerical coprocessors. A thermal model of planetary surfaces is ported to a GPU and leads to a speedup of one and a half orders of magnitude.