



The Virtual Model Repository (VMR), a Gateway to Space Physics Model Analysis

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The Virtual Model Repository is a virtual observatory that enables scientific analysis of complex computation models by facilitating visualization of model output and brings in observational data for data/model comparisons. It enables browse/search of model output and satellite data for time periods of scientific interest. For example, the large event run library at NASA's Community Coordinated Modeling Center can be browsed and model output compared with a variety of satellite data. Data discovery and exchange is coordinated through various APIs from multiple sites to bring in the relevant data for full visualization and download.