As climate model experiments have grown in complexity and influence, it has become increasingly important to thoroughly document model outputs. The Earth System Curator project has been working closely with the Earth System Grid Center for Enabling Technologies (ESG-CET) and the European METAFORE project to use model metadata to link climate model component and simulation descriptions with output datasets in support of the 5th Coupled Model Intercomparison Project (CMIP5). In the first half of the seminar, a representative from the METAFORE project will outline the model metadata being collected for CMIP5 and tools being developed in Europe for its support. In the second half, a representative of the Curator collaboration will demonstrate how the CMIP5 metadata is being displayed and linked to output datasets in the ESG-CET Gateway, and how the Community Climate System Model (CESM) is being instrumented to produce more comprehensive metadata. A discussion of future plans and directions will follow.

Date, Time, and Location:

Monday August 29, 2011
3:00 PM – 4:30 PM
NCAR Mesa Lab Main Seminar Room