

An environmental model repository: Case studies applied to Sierra Nevada LTER site.

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1. Introduction and Objectives

Raw data handling to generate both information and knowledge is a frequent process in the LTER-sites. We call a model to the steps required to transform raw data.

Modeler, is a model repository accessible from the web, which enables the user to design, document, manage, and execute environmental models:

- Metadata about the different steps to transform the data.
- Manage the workflows of Kerpler for automatize the process.

Objectives

- Development a system that we allow set the metadata for environmental models.
- Delegate the execution of a workflow that implement an environmental model.
- Use the raw data of an Information System.
- Feedback of results on environmental model to Information System.

