

Computational Environment: Basic

Computing:

Web Server
Services
Analysis
Data Management
Computation

The Information Technology Infrastructure (cyberinfrastructure) is a data-centric environment networked to community assets.



DATA MANAGEMENT SYSTEM

Central to the computational environment is metadata that describes the attributes of the information in the data storage system. This supports data management, documentation, code sharing and re-use, and controlled scientific experimentation.

Data Description (Metadata)

Data:

from models
from observations
from analysis
manuscripts
visuals
audio
tools

Computational Environment: General

This figure represents a generalized computational environment, to emphasize the fact that openclimate.org will operate in a heterogeneous hardware environment. Central emphasis is placed on the data management system in order to facilitate data use, information management, and long-term stability.

