

CSDMS Website

CSDMS.colorado.edu

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CSDMS

Community Surface Dynamics Modeling System (CSDMS) is the cyber-infrastructure for the development, **distribution, archiving,** and integration of the suite of numerical models that define the Earth's surface – the ever-changing, dynamic interface between lithosphere, hydrosphere, cryosphere, and atmosphere.

2 Long-term CSDMS goals

(5 year strategic plan)

- Develop a modular modeling environment capable of significantly advancing fundamental earth-system science
- Develop fully functional and useful repositories for:
 1. CSDMS data
 2. Models and modules
 3. Educational use

The repositories

1. Data:

- Supporting model initializations and boundary conditions
- Benchmarking models
- Validation experiments

2. Models: host stand-alone models / modules.

3. Educational use:

- Distribution of model simulations
- CSDMS-related educational presentations
- Reports and publications
- Image gallery etc.

Repositories (II)

- Set up repositories such that:
 - People have **access** to the repositories (download)
 - People can **add** contributions to the repositories (upload / edit)

CSDMS - Wiki

- A wiki is a page or collection of Web pages designed to enable anyone who accesses it to contribute or modify content, using a simplified markup language *(from Wikipedia)*.

CSDMS – Wiki

CSDMS.colorado.edu

- How to log in / create a log in
- How the web site is set up
 - Repositories
 - Group area's
- Where the “wiki help” is: styles; tables; images; sandbox; etc.
- Which pages can be edit

[Demo](#)