# Geoscientific Model Development

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**Scientific publisher :** EGU - European Geosciences Union (Germany)
**Commercial publisher :** Copernicus GmbH (Germany)

**Journal's website :** <https://www.geoscientific-model-development.net/>
**Information for authors :** <https://www.geoscientific-model-development.net/submission.html>

**Présentation de la revue**
**Original language :**

*Geoscientific Model Development* (GMD) is a not-for-profit international scientific journal dedicated to the publication and public discussion of the description, development, and evaluation of numerical models of the Earth system and its components. The journal subject areas are defined by the following index terms: Atmospheric sciences; Biogeosciences; Climate and Earth system modelling; Cryosphere; Earth and space science informatics; Hydrology; Integrated assessment modeling; Numerical methods; Oceanography; Solar–terrestrial science; Solid Earth.

The following manuscript types can be considered for peer-reviewed publication (more details can be found in [manuscript types](https://www.geoscientific-model-development.net/about/manuscript_types.html) and the [journal editorial](https://doi.org/10.5194/gmd-12-2215-2019) (compiled by the executive editors).):

* geoscientific model descriptions, from statistical models to box models to GCMs;
* development and technical papers, describing developments such as new parameterizations or technical aspects of running models such as the reproducibility of results;
* new methods for assessment of models, including work on developing new metrics for assessing model performance and novel ways of comparing model results with observational data;
* papers describing new standard experiments for assessing model performance or novel ways of comparing model results with observational data;
* model experiment descriptions, including experimental details and project protocols;
* full evaluations of previously published models.

**Topics :**
Earth sciences
Climate and environmental change
Geomatics, remote sensing
Modelling
Mathematics, computer science

**Open access :** Full open access

**Languages :** English

**Journal reputation :**
Peer-reviewed with SCImago Journal Rank (SJR)
Peer-reviewed with Impact Factor (IF)

**Informations générales**
**Other titles :** GMD
**Abbreviated title (ISO) :** Geosci. Model Dev.
**ISSN :** 1991-959X (ISSN-L); 1991-959X (ISSN-Print); 1991-9603 (ISSN-Electronic)
**Frequency :** 24 issues/year (Twice-monthly)
**Open Peer Review :** Yes

**Article types :** Research articles, Reviews, Special issues, Technical articles, Commentaries, Opinions

**Publishing costs :** Yes
**Total publishing costs :** 1600 € (updated 06/05/2024)

**Données de la recherche**
**Research data access policy :** Deposit compulsory
**Data repositories recommended by the journal :** <https://www.geoscientific-model-development.net/policies/code_and_data_policy.html>

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