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## Discipline repositories

### Agriculture:

- [Ag Data Commons](#): wide variety of open data relevant to agricultural research.

### Biology:

- [BioModels](#): mathematical models of biological and biomedical systems.
- [GenBank](#): publicly available nucleotide sequences for nearly 260,000 formally described species.
- [UniProt](#): collection of functional information on proteins, with accurate, consistent and complete annotation.
- [Worldwide Protein Data Bank](#): experimentally determined three-dimensional structures of biological macromolecules. .

### Earth and environmental sciences:

- [EarthChem](#): focused on the preservation, discovery, access and analysis of geochemical data
- [Environmental Data Initiative Repository](#): data that provide a context for assessing the nature and rate of ecological change, interpreting its effects, and forecasting future biological responses to change.
- [NERC Earth Observation Data Centre](#): acquisition, archiving and access to remotely sensed Earth surface data acquired by satellite and airborne sensors.
- [PANGAEA](#): archiving, publishing and distribution of geo-referenced Earth system data.

### Physics:

- [HEPData](#): repository for the dissemination of experimental particle physics data.



#### Materials:

- [NoMaD Repository](#): electronic structure of materials.
- [Materials Cloud](#): computational materials science.

#### Chemistry:

- [Cambridge Structural Database \(CSD\)](#):
- [PubChem](#): chemical structures, identifiers, chemical and physical properties, biological activities, health, safety, toxicity data, etc.
- [Strenda DB](#): functional enzyme data.