

Environment (systems)

In science and engineering, a system is the part of the universe that is being studied, while the **environment** is the remainder of the universe that lies outside the boundaries of the system. It is also known as the **surroundings** or **neighborhood**, and in thermodynamics, as the **reservoir**. Depending on the type of system, it may interact with the environment by exchanging mass, energy (including heat and work), linear momentum, angular momentum, electric charge, or other conserved properties. In some disciplines, such as information theory, information may also be exchanged. The environment is ignored in analysis of the system, except in regard to these interactions.

See also

- Bioenergetic systems – energy system
- Earth system science
- Environment (biophysical)
- Environmental Management System
- Thermodynamic system

External links

- Geography of transport systems (<http://people.hofstra.edu/geotrans/eng/ch8en/conc8en/envi sys.html>) Archived (<https://web.archive.org/web/20170312203406/http://people.hofstra.edu/geotrans/eng/ch8en/conc8en/envi sys.html>) 2017-03-12 at the Wayback Machine people.hofstra.edu
- Environmental Management Systems (<http://www.epa.gov/ems/>) epa.gov
- Earth's Environmental Systems (<http://eesc.columbia.edu/courses/ees/>) Archived (<https://web.archive.org/web/20180531225502/http://eesc.columbia.edu/courses/ees/>) 2018-05-31 at the Wayback Machine eesc.Columbia.edu
- Environmental Education (<https://www.onlinestudyblog.com/2022/12/what-is-environmental-education.html>) Archived (<https://web.archive.org/web/20221211035600/https://www.onlinestudyblog.com/2022/12/what-is-environmental-education.html>) 2022-12-11 at the Wayback Machine

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