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Earth System Science and Environmental Management (ESSEM)

ESSEM encompasses the rapidly-growing science and technology agendas relating to better understanding, observing, modelling and predicting the Earth system and thereby improved management of environmental conditions.



The core of Earth System Science is to enhance our capacity and operational forecast systems to understand, observe, model and predict these interactions at a variety of spatial and temporal scales. A key aspect is to analyse and predict the trends, and

to assess the impacts of natural processes and human activities on the Earth system functioning and natural resources.

The core of Environmental Management is to provide support to decisions related to environmental issues, especially in the context of competition for natural resources, city development, risk management, and development of environmental policies. ESSEM puts emphases on science and technology related to improving natural resource management for minimising environmental degradation.

Information

Domain Committee Members

- ▶ [Contact details of ESSEM Domain Committee Members](#)

Visit the Who's Who section to find your contact person(s)

- ▶ [COST Office Contact Persons](#)

ESSEM - involvement in external events

- ▶ [This Domain in the COST events calendar](#)

Downloads

- ▶ [ESSEM Factsheet \(PDF, 335 kB\)](#)

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