

SynCom Fact Sheet

What is SynCom?

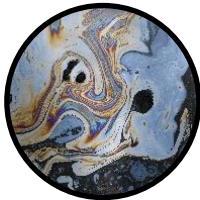
SynCom provides agile and overarching synthesis and communication for the integrative earth system research within the Helmholtz Research Field 'Earth and Environment'. Synthesis and communication activities are mostly performed within projects, which are selected on a yearly basis. The SynCom projects run for a period of approximately one year.

Goals

- Support for the synthesis of overarching research topics from the program Changing Earth (Topics, CARFs, Program Objectives)
- Interface in the dialogue between science, society, and politics
- Provide actionable knowledge

SynCom Projects 2023

Modernizing Hazard Indicators (ModHaz)



The project aims at the stakeholder dialogue on novel indicators for chemicals assessment within the framework of the Green Deal.

Developing operational biodiversity targets



Helmholtz scientists develop realistic and operationalizable goals for an effective protection of the biodiversity of terrestrial, freshwater and marine ecosystems.

Scaling up Carbon Dioxide Removal



The project aims at evaluating the scientific, political, and social prerequisites for the development of large-scale demonstration projects for carbon dioxide removal from the atmosphere.

Information on the running SynCom projects is provided on our website: <https://earthenvironment.helmholtz.de/changing-earth/syncom/>

Scientists are invited to participate in existing projects and to propose new SynCom projects.

What are typical SynCom activities?

Usually, within the framework of a SynCom project – depending on the goal of the synthesis and communication work and the involved interest groups – the following activities and formats are performed and developed:

- (Helmholtz-internal) synthesis workshops with researchers from multiple participating Earth & Environment Centers and stakeholder meetings
- Synthesis papers and fact sheets
- Policy advice on request through the mediation of relevant experts from the Earth & Environment department
- Parliamentary events (breakfast, dinner) on current topics that bring politics and science together

Outside of the projects, transfer workshops and policy briefs take place. Depending on the format, the offers are implemented in cooperation with the communication department of the centers and/or the Helmholtz office and other cooperation partners.

SynCom pilot projects and SynCom think tank

The three SynCom pilot projects are 'Cities and climate change', 'Digital twins'. and 'Early warning for natural hazards.' In addition, the think tank 'sea level rise' was developed.



Additional information on the pilot projects can be found here: <https://earthenvironment.helmholtz.de/changing-earth/syncom/projects/>

SynCom-Governance

Steering and budget

**Helmholtz Vice President
and Management Board**

Scientific demand,
expertise and
participation

**SynCom Advisory Board
& Program Board (see PB)**

Scientific support

**Anchor persons (1 FTE/Center)
& SynCom Coordination Office**

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