



Co-development of place-based Climate Services for action (CoCliServ)

Contract BR/175/A2/CO-CLI-SERV

1.10.2017 – 30.6.2021

Summary

Context

Under the umbrella of ERA4CS¹, CoCliServ explored novel ways to transform climate science into action-oriented place-based climate services to engage, enable and empower local communities, knowledge brokers and scientists to act locally.

Objectives

CoCliServ sought to identify future information needs and the nature of the climate science needed to address the local communities' concerns, aspirations and goals in view of climate variability and climate change. The Belgian partners were in charge of Tasks 4.2 and 4.3, dedicated to metadata and geographic mapping to support documentation, analysis and representation of local narratives.

Methodology

A metadata scheme for narratives and a tool combining a metadatabase with a QGIS-based multi-layer mapping facility were developed in parallel, based on iterated discussions with the project site leading teams and the work package leaders. They were progressively expanded to meet the partners' expectations. Documenting narratives was a pioneering task. The metadata scheme and the mapping

¹ The ERA-NET Consortium "European Research Area for Climate Services" (ERA4CS) has been designed to boost the development of efficient Climate Services in Europe, by supporting research for developing better tools, methods and standards on how to produce, transfer, communicate and use reliable climate information to cope with current and future climate variability.

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tool were developed as to support the analysis of the collected narratives. They integrate sections recording key information required by each work package.

Results

The results of this work include a conceptual metadata scheme suited to the documentation of narratives related to climate change and a QGis-based metadatabase and geographic mapping tool. They are described in more detail in the project documents available from the CoCliServ website at <http://cocliserv.cearc.fr/> and in the project final report to Belspo.

Keywords

Local climate services / Narratives / Incremental scenarios / Community-centred science / Knowledge quality assessment / Representations of climate change / Metadata / Geographic representation / Cartography of narratives