

Research topic

Lockdown in a Mediterranean island:
Study of the societal metabolism of
Menorca during the national
lockdown in Spain due to COVID-
19 pandemics in 2020

The COVID-19 pandemics has impacted the World in so many different ways. The flows of resources, goods, and people have dramatically changed affecting economic activities, especially in touristic places.

We would like to understand what were the essential activities maintained in Menorca during the strict lockdown in 2020 and what were the flows of the Nexus (Food-Energy-Water) associated to these activities and its economic impact.

MAIN AIM:

To study the societal metabolism of an island under exceptional circumstances of lockdown.

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Research line

Societal metabolism, industrial
ecology, ecological economics.

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TASKS to PERFORM:

- To develop research questions and hypothesis in relation to the topic.
- To compile the necessary data for the study:
 - Hours of Human Activity devoted to different activities (essential works, telework, ERTes, household activities, etc.),
 - Value-Added associated to each economic activity,
 - Use of energy types (electricity, fuels, heat),
 - Use of water,
 - Land uses
 - Food production and consumption
 - Production of wastes and emissions.
- To apply MuSIASEM of 2020's lockdown in Menorca and [compare to 2015 \(see link\)](#).