



# CREMA

CLIMATE RESILIENCE  
MATURITY ASSESSMENT

Empowering Decisions  
for a Resilient Future



## What is the CREMA Tool?

CREMA Tool is an advanced decision-support tool developed to help policymakers, urban planners, and stakeholders evaluate and enhance climate resilience across diverse assets – from cultural heritage sites to urban infrastructure and regional systems.

## Why use the CREMA Tool?

- **Assess Resilience Maturity** of assets and regions
- **Identify Vulnerabilities** exposed to climate and natural hazards
- **Prioritize Interventions** using scientific and economic insights
- **Quantify Impact** with damage translated into monetary loss
- **Support Cost-Benefit Analysis** for resilience planning

## How does the CREMA Tool work?

CREMA Tool employs a scientific, human-centered framework integrating both probabilistic and deterministic risk assessments in four key steps:

### 1. Threat Identification

Understand climate and natural hazard risks

### 2. Asset Characterization

Define the attributes of what needs protection

### 3. Vulnerability Assessment

Measure exposure and susceptibility

### 4. Impact Quantification

Estimate potential damage and financial loss

## A TOOL BUILT FOR ACTION

Developed collaboratively within the MULTICLIMACT project, CREMA Tool is more than a model, it's a practical, scalable framework for informed, resilience-based planning.

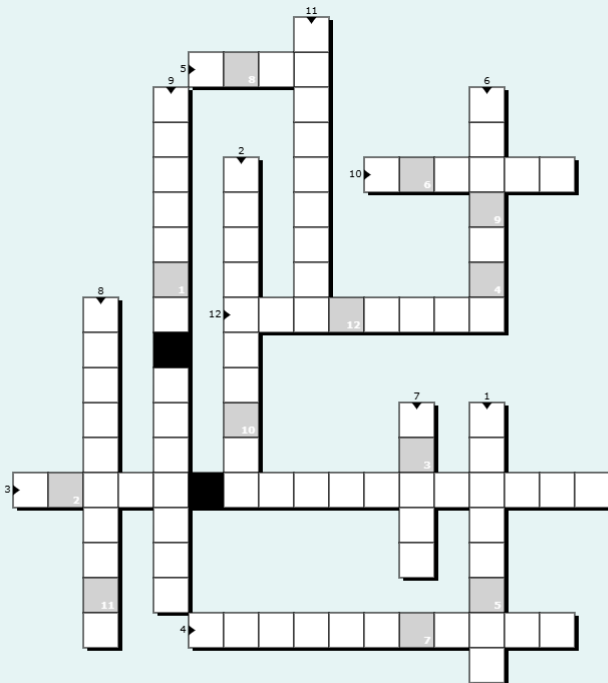


Co-funded by  
the European Union

This project has received funding from the European Union's HORIZON Innovation Actions programme under the grant agreement No. 101123538.



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1. A city in central Italy, prone to earthquakes.
2. Seismic shaking of the ground.
3. Human-made surroundings.
4. A country in Europe with canals and high risk of flood.
5. Capital city of Latvia.
6. Long-term patterns in weather.
7. Water spilling over land.
8. Capacity to recover from stress.
9. Severe atmospheric condition.
10. What must be taken to respond to risks.
11. A coastal city in Spain, prone to heatwaves.
12. Period of abnormally high temperatures.

### Connect with us!

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