



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

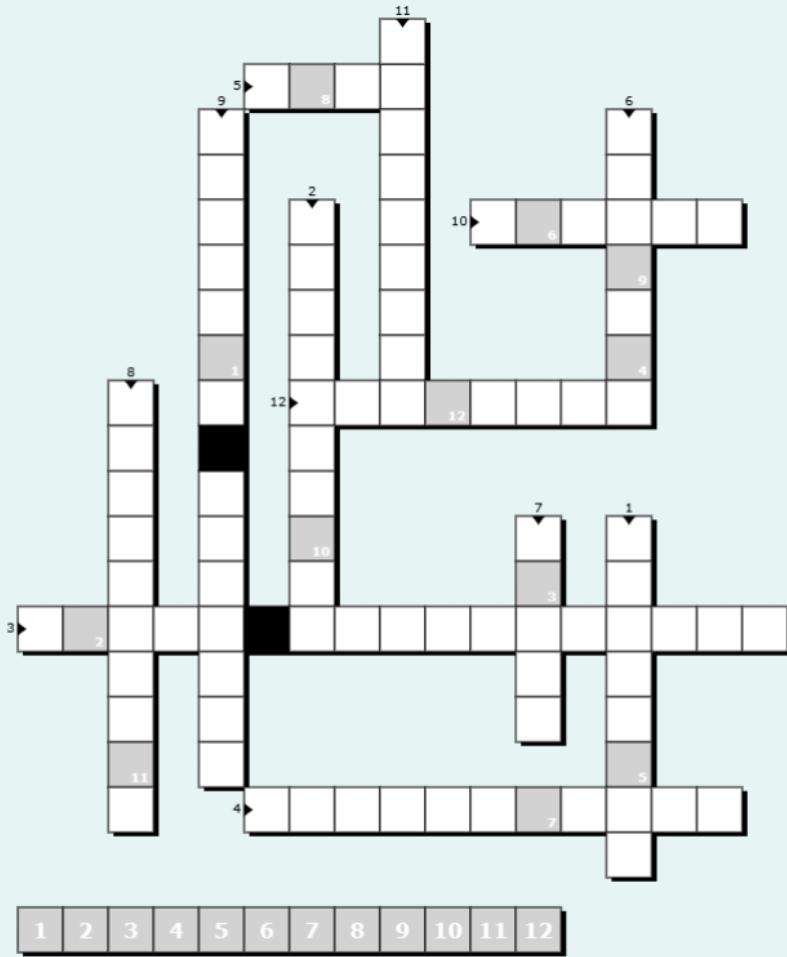
A TOOL BUILT FOR ACTION

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





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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.

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