





From climate data to resilient rural and coastal territories in the Molise Region (Italy)

The Challenge

Molise faces increasing climate pressures affecting both rural and coastal areas:

-  Droughts impacting agriculture and water availability
-  Extreme rainfall causing floods, landslides and soil erosion
-  Coastal erosion and sea-level rise
-  High social vulnerability due to ageing and depopulation

Local authorities needed integrated, localised climate risk insights to support adaptation planning.



Location of Molise Region (Italy)

The VALORADA approach

With VALORADA, Molise:

- ✓ Identified key risks through Climate Impact Chains (e.g. floods & rural livelihoods)
- ✓ Co-designed climate and socio-economic indicators with regional authorities
- ✓ Integrated climate, EO and local datasets into a single system
- ✓ Developed an interactive dashboard to support decision-making

The focus: from complex data → to actionable, user-friendly insights

What Changed?



Molise now uses a set of integrated indicators combining climate and local data, including:

- ✓ People and infrastructure exposed to flood risks
- ✓ Extent of flood-prone areas
- ✓ Impacts on agriculture and rural livelihoods
- ✓ Soil degradation and desertification risks
- ✓ Forest composition and protected areas

These are visualised through a VALORADA dashboard, enabling:

- 🔍 Clear understanding of vulnerabilities
- 📊 Integrated view of climate + socio-economic risks
- 🚫 Better prioritisation of adaptation actions



Why it matters ?

Molise shows how:

- Climate and local data can be combined into practical planning tools
- Co-design ensures relevance for regional authorities
- Dashboards translate complexity into usable knowledge

This approach supports evidence-based policies and strengthens resilience across sectors: from agriculture to infrastructure.

Want the full story ?

[Discover how Molise is using VALORADA tools to support climate adaptation.](#)

[➔ LINK TO THE FULL CHAMPION STORY **HERE** ➔](#)

Contact us

 <https://www.valorada-project.eu>

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