

A light blue map of Europe is shown. A dark blue oval highlights the country of Italy. The map is partially overlaid by a large blue graphic on the right side of the slide, which features a pattern of dots that become denser and more vibrant as they move towards the right edge.

# Europe

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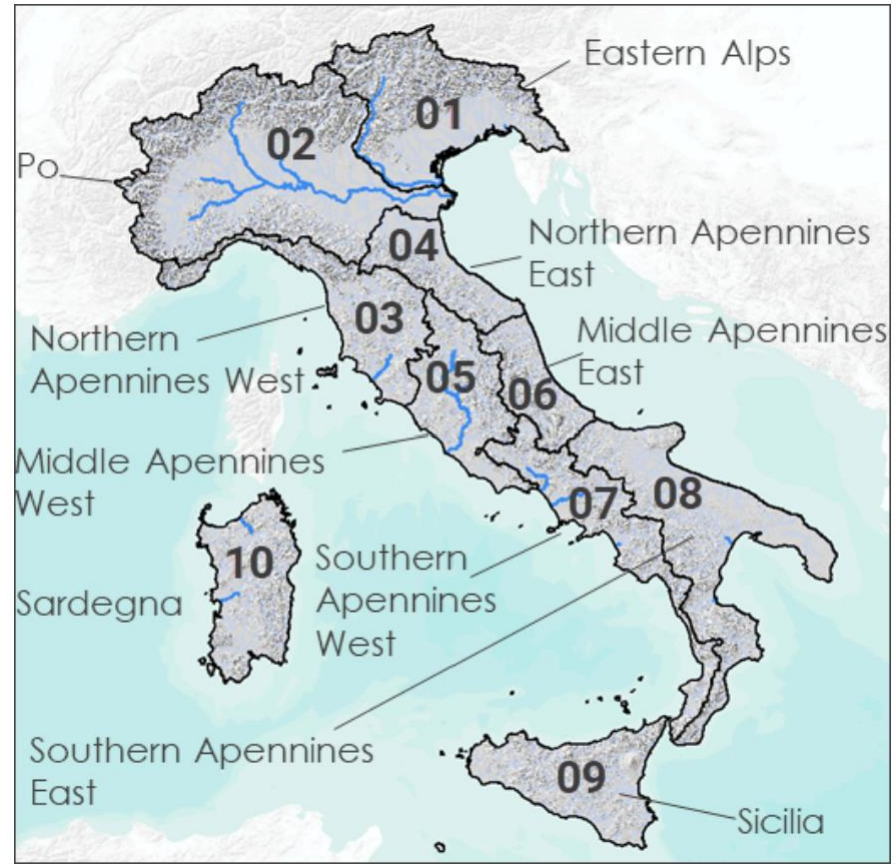
# Precipitation Intensity Responses are Likely to Vary Regionally in a Warmer World



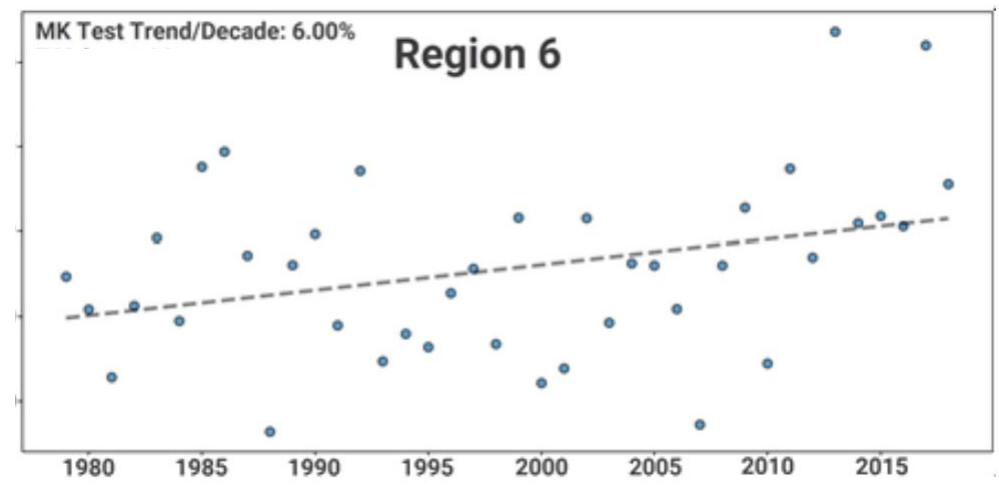
- Signal
- Statistical significance
- Scale



# Verisk Found Very Few Statistically Significant Trends in Regional Short-Duration Precipitation Intensity



Trends in Annual Max. Regional 168 hour Precipitation



# Trends in Short-Duration Precipitation Intensity in Italy: Summary

## Signal

- Both positive and negative trends in short-duration precipitation intensity can be detected across Italy in grid-based analyses covering 1979-2018.

## Statistical significance

- Very few of the detected grid-based trends are statistically significant

## Scale

- Verisk's analyses show there are very few statistically significant trends within watershed sized regions. This result makes it hard to confidently say what is driving the grid-based trends and any role from climate change.