Links between positive temperature anomalies and unprecedented mass mortality events in coastal marine rocky benthic communities at the NW Mediterranean

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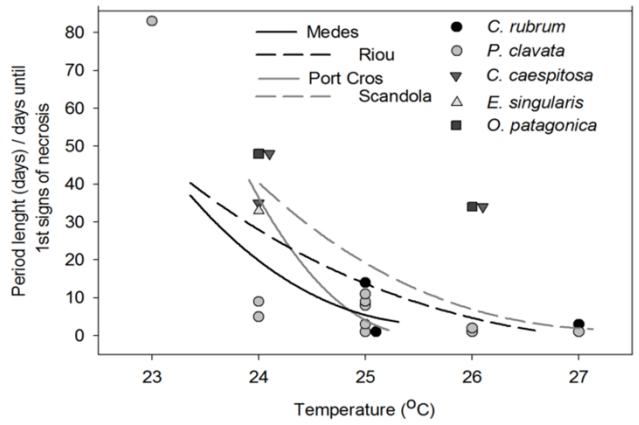
Scope

•Study the relation between temperature conditions and observed impacts in rocky benthic communities during mass mortality events (MME) in four NW Mediterranean regions.

•Detection of more and less risky regions in terms of suffering MME, combining field T conditions with thermotolerance data.

Principal results

•Two type of thermal anomalies were related with MME.

•Differences in thermal conditions were capable to explain differences in mortality impacts among regions and depths.

•More and less risky regions.