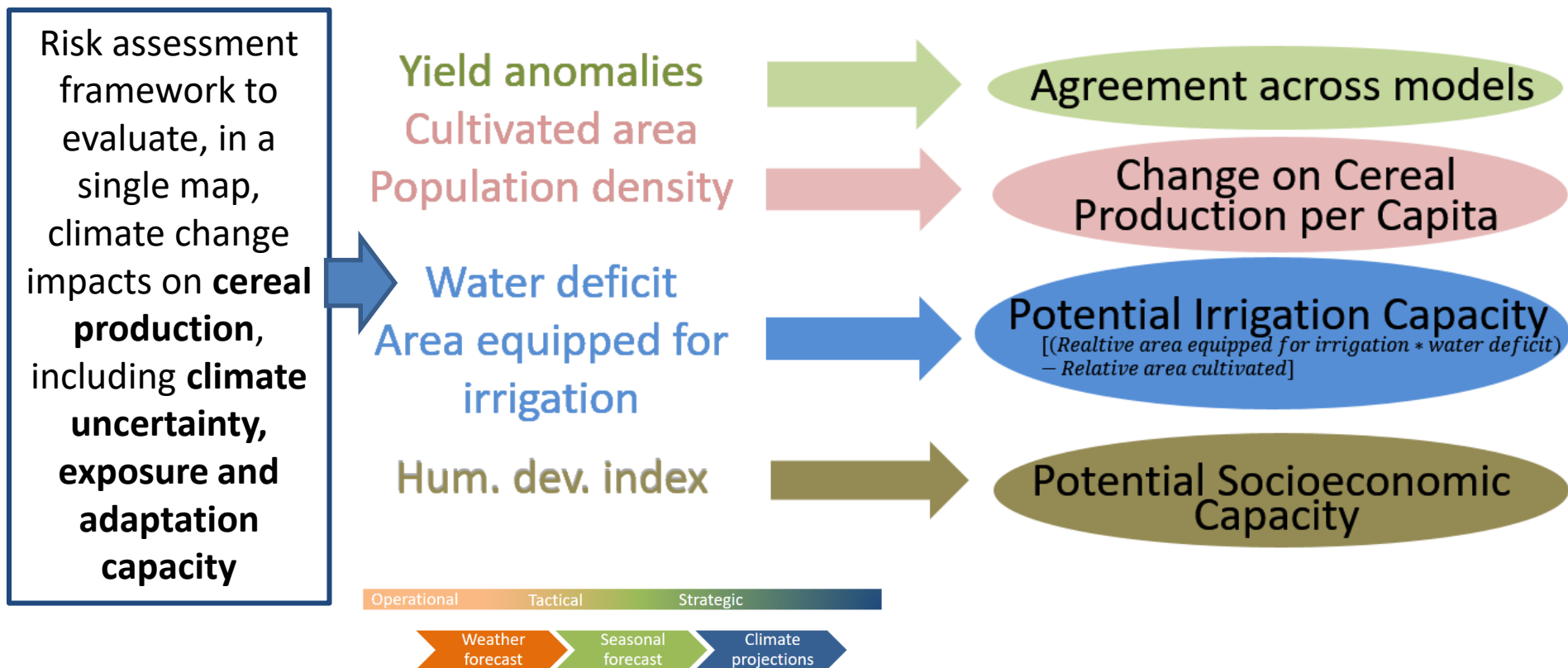


Assessment of cereal production and food security under climate change in the Euro-Mediterranean Region

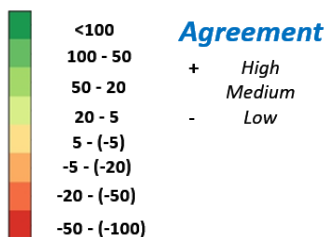
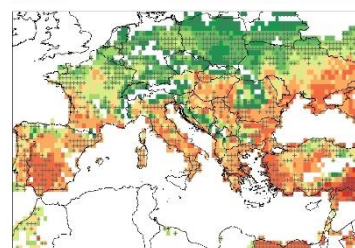
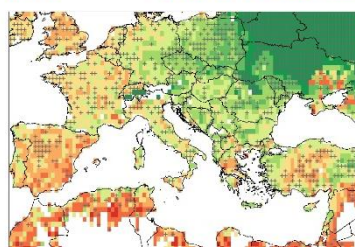
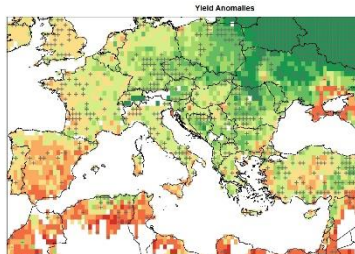


V. Mereu^{1,2}, JM. Costa-Saura^{1,2}, A. Trabucco^{1,2} and D. Spano^{1,2}

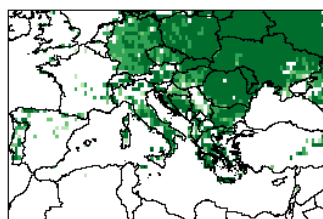
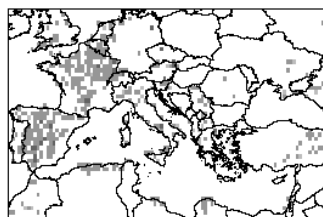
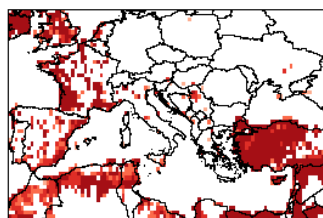
1. Euro-Mediterranean Center on Climate Changes, IAFES Division, Sassari 07100, Italy

2. University of Sassari, Sassari 07100, Italy

Yield anomalies



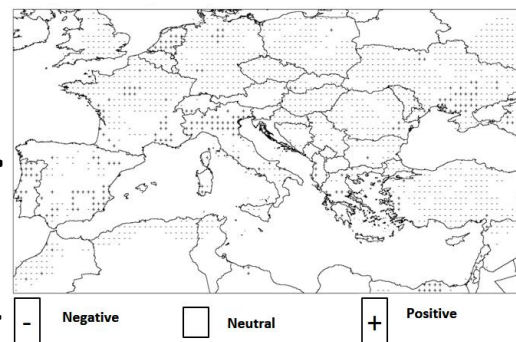
Change in cereal production per capita



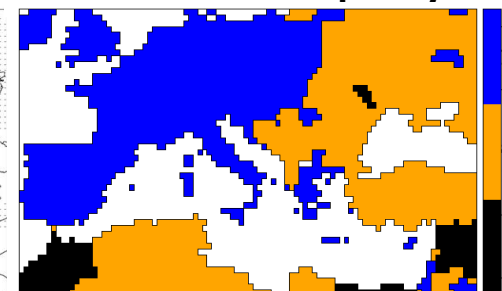
Below the norm
Into the norm
Above the norm

Agreement across models

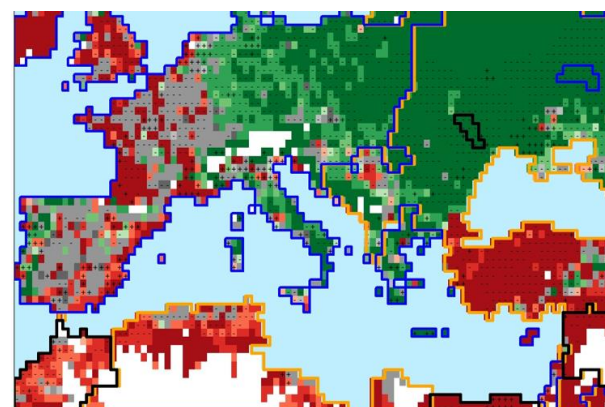
Irrigation capacity



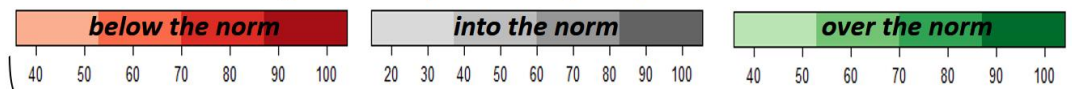
Socioeconomic capacity



Cereal Risk Assessment



Change in cereal production per capita for 2050*



Models agreement in %

* Baseline 1990