

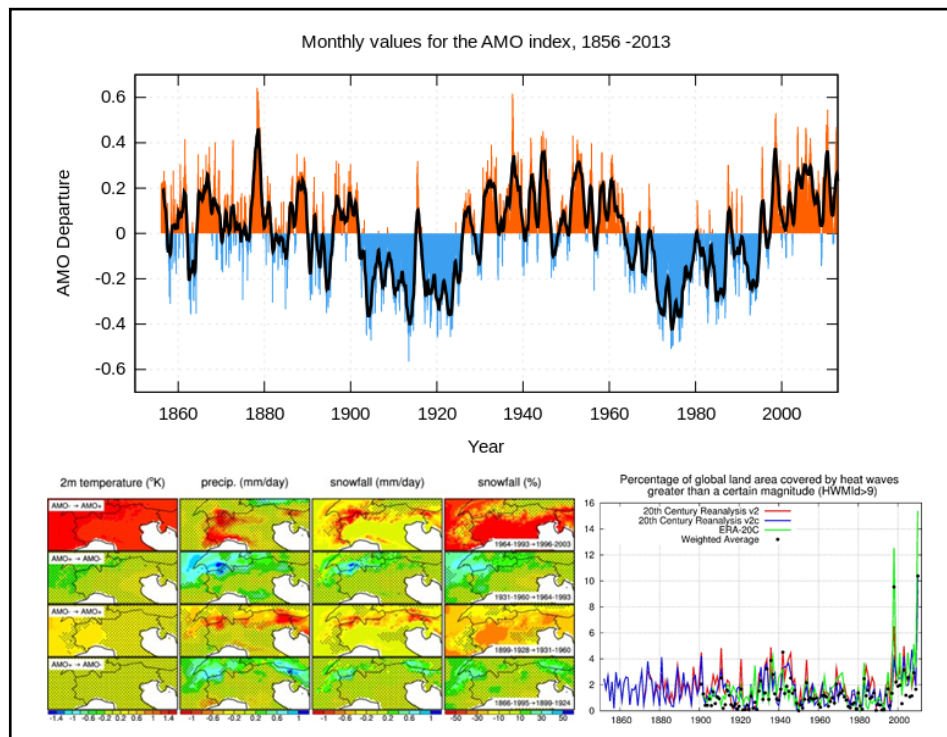


# Impacts of global warming and natural variability: focus on the Mediterranean region

*Matteo Zampieri*

*JRC - Ispra*

**Lunedì 3 dicembre ore 11:30 - U1 Aula Marchetti**



This seminar discusses the effects of the Atlantic Multidecadal Oscillation, which is one of the most debated features of natural variability. Most of the climate change recorded and perceived in the last decades in many regions of the northern hemisphere is due to the change of phase of the AMO, overlapped to the effects of global warming. The AMO shift is reflected also in a change of amplitude and frequency of extreme events such as heat waves. The Mediterranean area is very sensitive to climate variability and change. The effect of climate variability and change on agricultural production, a growing source of concern of society, is discussed as well.