

Interactive comment on “Coupled decadal variability of the North Atlantic Oscillation, regional rainfall and spring discharges in the Campania region (Southern Italy)” by P. De Vita et al.

Anonymous Referee #3

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De Vita et al. examined the link between the decadal variability of the NAO and the hydrological conditions in the Campania Region. The topic is relevant and the study is indeed promising, but the description of the work is weak and the presentation of the results is rather confusing as there are indeed too many figures and indices. I would recommend improving the take home message and making the manuscript more concise.

My main concern is -as pointed out by Reviewer#1- the fact that the section about

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the NAO was developed using rather old references, whereas more recent studies - such as Bartolini et al. (2009) and Brandimarte et al.(2011) were not even mentioned. Brandimarte et al. (2011), in particular, investigated the relationships between the NAO and the hydroclimatic conditions in Southern Italy, including Campania! I would invite the authors to compare their results with those of Brandimarte et al. (2011) as such a comparison would definitely add value to their paper.

In conclusion, I believe the authors should substantially revise their manuscript to make it more readable, appealing and up-to-date with the most recent literature.

REFERENCES

Bartolini E, Claps P, D'Odorico P (2009) Interannual variability of winter precipitation in the European Alps: relations with the North Atlantic Oscillation. *Hydrol Earth Syst Science*, 13, 17–25.

Brandimarte, L., Di Baldassarre, G., Bruni, G., D'Odorico, P., Montanari, A. (2011). Relation between the North-Atlantic Oscillation and hydroclimatic conditions in Mediterranean areas, *Water Resources Management*, 25(5), 1269-1279.

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