

Interactive comment on “CHASE-PL Climate Projection dataset over Poland – Bias adjustment of EURO-CORDEX simulations” by Abdelkader Mezghani et al.

M. MiÅtus (Referee)

mirosław.mietus@ug.edu.pl

Received and published: 19 September 2017

I welcome this manuscript with great interest and satisfaction that we have strong significant progress in respect of climate scenarios for Poland. High quality data sets presented by authors of the manuscript looks promising. Such data sets are needed and of high value. Additionally manuscript describes procedure of bias adjustment of Euro-Cordex simulation. It is significant progress. By this procedure user receive higher quality data of high resolution in space which might be use for impact assessments and adaptations strategies what is important from many point of view. The only problem I can see is related with references. Author did not mention few earlier

C1

published papers discussing bias adjustment to future climate simulation for Poland, both by means of RCM and statistical downscaling. I also would suggest to redraw all maps in figures 1-6 because the shape of Poland is not natural in meridional direction. I would like to mentioned some problem with access to The Climate Impact geoportal (<http://ClimateImpact.sggw.pl>) developed within the CHASE-PL project and to some limitation of this data set in respect of observations what is not the subject of this manuscript and my review but might have impact on results.

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2017-51>, 2017.

C2