Hydrol. Earth Syst. Sci. Discuss.,
https://doi.org/10.5194/hess-2018-550-RC1, 2019
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Hydrology and Earth System Sciences
Discussions
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Interactive comment on "Contrasting rainfall-runoff characteristics of floods in Desert and Mediterranean basins" *by* Davide Zoccatelli et al.

Anonymous Referee #1

Received and published: 6 January 2019

The paper presents a valuable dataset of flood events in Israel, regarding many catchments (from 13 km2 to 1232 km2) covering a wide range of climatic conditions, spanning from Mediterranean to Deserts. Rainfall data are spatially distributed maps derived by a weather radar with a spatial resolution of 1 km2 and temporal resolution of 5 minutes, calibrated with 808 daily raingauges. Flood data cover a period of 24 years and concern more than 5500 events, which is a remarkable number for drylands. The study provides precious insights about the rainfall-runoff characteristics in this region of the World, where floods have been poorly examined. Further insights could be achieved by interpreting this data by means of a distributed rainfall-runoff model.

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Discussion paper

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