

***Interactive comment on “Hail storm hazard in urban areas: identification and probability of occurrence by using a single-polarization X-band weather radar” by Vincenzo Capozzi et al.***

**Anonymous Referee #1**

Received and published: 23 July 2016

It is an interesting and well written paper. Please take into account the following:

specific comments: page 7 - line 2: describe in more details the error correction methodology page 9 - line 15: the content and use of the table is not clearly understood page 9 - line 16: POD, FAR, CSI. Describe in more details the methodology for their calculation page 12 - line 30: Are the WR-10X radar data available ?

technical corrections: page 7 - line 3: such as ground ... page 8 - line 3: works page 10 - line 3: concerning page 10 - line 12: cases study page 11 - line 16: rain rates up to 200 m h<sup>-1</sup>. it is better to express rainfall rate in mm/10min. page 12 - line 16: between and

---

C1

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-177, 2016.

C2