

Interactive comment on “Internal structure of two alpine rockglaciers investigated by quasi-3D electrical resistivity imaging (ERI)” by Adrian Emmert and Christof Kneisel

Anonymous Referee #1

Received and published: 7 September 2016

General

Even though a number of 2D geophysical surveys have been done on many rock glaciers, newly revealed subsurface heterogeneity is still valuable for discussing the kinematics and thermal history of rock glaciers. In particular, this paper shows detailed subsurface heterogeneity through a quasi-3D method. In addition to presenting valuable data, the authors well reviewed the related articles and carefully discussed the data. However, readers probably feel it difficult to follow the discussion on surface topography, because the visible information such as photos and maps are quite limited in this paper. To improve the paper, I recommend adding some geomorphological maps.

C1

Please also note the supplement to this comment:
<http://www.the-cryosphere-discuss.net/tc-2016-135/tc-2016-135-RC1-supplement.pdf>

Interactive comment on The Cryosphere Discuss., doi:10.5194/tc-2016-135, 2016.

C2