

## ***Interactive comment on “Monitoring potential ionosphere changes caused by Van earthquake (Mw 7.2) using GNSS measurements” by Selcuk Peker et al.***

**Selcuk Peker et al.**

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Line 56: it was edited as plasma frequency Line 58-64:  $f_{\text{p}}^2$  was referenced as you cite Line 89-93:  $f_{\text{p}}^2$  was referenced as you cite Line 187- 194: In this study we used GIM published by CODE F4G4 : It says ( $Kp \cdot 10$ ) and it was edited Fig 1 and Fig 2 were removed from the paper as you suggest. You suggest some references, we have added it to our paper. You have also mentioned about that Van earthquake is not suitable to detect ionospheric anomaly induced by earthquake. As you know, There is not much work on this earthquake. Therefore we would like to study this earthquake. In addition to that we want to see ionospheric variations with two different method. As

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far as I know, there is no study using two different method in this study. We think that this paper presents this originality.

Please also note the supplement to this comment:

<https://www.ann-geophys-discuss.net/angeo-2018-11/angeo-2018-11-AC1-supplement.pdf>

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Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2018-11>, 2018.

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