

Interactive comment on “Atmospheric and ionospheric coupling phenomena related to large earthquakes” by M. Parrot et al.

Anonymous Referee #2

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Interactive comment on “Atmospheric and ionospheric coupling phenomena related to large earthquakes” by M. Parrot et al. The paper presents the detailed review of past studies of the three strong earthquakes as well as the results of investigation of the additional Yutian earthquake using multi-instrument space-borne observations in order to validate physical concepts of LAIC proposed in the paper. Such parameters as the ionospheric density, the Global Ionospheric Maps of TEC, the Thermal Infra-Red (TIR) anomalies, and the Outgoing Longwave Radiation (OLR) data are considered. "General comments" The authors have found that during the week preceding the earthquakes, all these parameters show clear disturbances that can be considered as short-term precursors. The variations of these parameters are very similar for the different earthquakes which are analyzed in this paper. The paper is good and clear written and it shows convincing experimental results on presence of the earth-

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quakes precursors. It is interesting to reading and it can be useful to the wide circle of researchers in the fields of electromagnetic precursors of earthquakes and related areas. "Specific comments" In my opinion the paper is ready for publication and does not need any additional correction. It can be accepted as it is.

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