



## **The tropical cyclones influence to Australian ionosphere in 2011-2014 years**

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TCs are the greatest troposphere hazards. Advanced international investigations in to the “tropical cyclone (TC) – ionosphere” interaction are connected with extreme difficulties of proving the action of possible mechanisms of TC effect on the ionosphere. In this presentation, the authors consider the results of different research groups working on finding the ionospheric response to tropical cyclones.

The authors of this presentation have been working on the problem "TC – ionosphere" interaction for a few years. The authors of this presentation analyze the ionosphere parameters, received in the process of both ground and satellite probing above TC and at a certain distance from it. Cyclones, being examined in the paper, functioned in waters of the Indian Ocean and the Pacific Ocean above Australian continent in 2011-2014 years.