



Ionospheric planetary wave activity and its monitoring under COST 271: A review

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A review of the results obtained under 271 Action on the variability introduced in the F region ionosphere by 'planetary wave signatures' (PWS) and its monitoring is presented. The results are based on both, statistical studies under long-time series and case studies. Typical patterns of percentage of time occurrence and time duration of PWS, their vertical and longitudinal structure, as well as their climatology and main drivers are discussed.