

Radio-communication service for limited-area purposes in RWC Warsaw

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RWC Warsaw is operating in the International Space Environments Service. It conducts heliogeophysical forecasting for the government and local commercial communications, geodetic and geological services. One of the main line of its activity is radio-communication prediction and forecast for national professionals and amateurs. Paper presents the review of the physical basis of developed algorithms and methods for radio-communication assessments. Stress is putting to the impact of different space weather phenomena, their understanding and necessary mitigation techniques applied. The technical description of the elaborated systems is demonstrated.