

The Regional Warning Centre (RWC) of Warsaw operates as the Heliogeophysical Forecasting Centre in the Space research Centre (SRC) of the Polish Academy of Sciences. It is involved in the current collection of a large volume of data exchanged with the International Space Environment Service (ISES) and received directly from various international observatories and Polish operated geophysical stations. From this continuous flow of data, daily forecasts are issued of space weather conditions and their influence on the performance of technological systems on the Earth and in the space environment. Special services are prepared for governmental and commercial customers including the SRC. Software packages have been developed for the processing of data and to implement the prediction and forecast systems.

The dependence of modern technology on space weather in society is growing drastically. Thus, for the future our focus is on space weather as "a space weather services" with well-defined services recognized as joint space effect products - demand oriented. Expand tight close cooperation with the users based on permanent feedback ensures the space system performance to meet governmental and commercial customer's needs.

Our necessities are defined as:

- integrated application linked to European Program COPERNICUS including meteorological effects and supported Satcom ,
- activity in a Space Weather Module of ESA Program as well as EU granted Space Situation Awareness actions,
- focus on activity related to Space Safety includes the protection of humanity and assets in space and on Earth from dangers originating in space,
- continuously increase of space weather expertise for wide range of applications in science and technology.

Progress in development of these services will be achieved by:

- continuous high efforts in development of more accurate modelling of description and forecast of SW parameters based on growing physical understanding and advanced data analysis techniques,
- achieve new knowledge which is published in literature and discuss the progress in the ionosphere research at the national and international forums,
- applicability of available models recommended by international bodies (Stanislawska et al., 2009b), so, more close cooperation with respected community,
- strategic using of more ground based own facilities and satellite observations including new tools as LOFAR.

Services for Governmental and commercial customers in Poland and in the world are our strategic concern.