

In this study we present the derived isogonic charts and the annual rate of secular variation based on accurate geomagnetic measurements taken at the national repeat stations network since 2010 (Greculeasa et al., 2015), as well as the local information regarding the annual means of geomagnetic declination performed at several airports and adjacent areas. Then, by means of the latest standard main field geomagnetic models, the declination and its annual change are to be predicted. In this way, a secured ROMATSA dedicated online calculator, has been developed and is operated by Surlari observatory, based on the International Geomagnetic Reference Field (IGRF) Generation 12, 1900-2020 (Thebault et al., 2015). Therefore, the final supplied products have been:

- runway azimuth determination for all national airports (Rasson, 2006);
- declination maps and isogonal information by means of repeat stations network measurements (Greculeasa et al., 2015);
- supply of magnetic declination data where and when is needed;
- the predicted declination in any point and any time over the Romanian territory by means of IGRF-12.

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