

APORTUL METODELOR STATISTICE DE INTERPOLARE LA AMELIORAREA SPAȚIALIZĂRII PARAMETRILOR CLIMATICI

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*Prezentat de acad. Mircea Ioan V. Săndulescu, în ședința Secției de Științe Geonomice,
din 14 noiembrie 2005*

THE USEFULNESS OF STATISTICAL INTERPOLATION METHODS FOR IMPROVING CLIMATIC PARAMETERS SPATIALIZATION. Drawing accurate digital maps of climatic parameters constitutes an important challenge for contemporary climatological research. Statistical methods, mainly regression and kriging, are almost indispensables nowadays for deriving spatial models for climatic parameters. This article deals with the presentation of the methodology of the above mentioned interpolation methods, pointing out their main advantages and disadvantages and their main possibilities of improvement. Other important aspects are also presented, related to the choice of optimum interpolation method, the validation step and some specific problems which need to be tested in advance. A simple hypothetical example is presented for a better understanding of how these interpolation methods work and also some applications for the territory of Moldavia.