



## Realizarea sub forma digitala a bazei de date cartografice a hartii de soluri din teritoriul cadastral Bârnova, județul Iasi

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In order to transform, in digital form, the soil map on the Barnova cadastral territory, the digitization of the corners of the plan sheets, on the scale 1: 5 000 and of the limits of the soil units on the present cartographic material have been realized. The digitization process has been done making use of the vectorial digitization method, computer assisted, using the Cal Coomp digitizer, A1 format. The transformation operation of the present cartographic documents, in digital form, has been realized for 18 plan sheets, on the scale 1: 5 000, and for the limits of the correspondent plots for the 34 soil units that have been pedologically mapped on the Barnova territory. The displayed errors on the setting of the digitized space, graphically represented by the four sheet corners, were of 0.02 mm on both directions of the axes. The digitization of the present graphic documents has been done maintaining the accuracy in the drawing up and elaboration of the topographical plans obtained by means of classical or photogrammetrical methods.