



ABSTRACTS

9. Nicolae-Silviu MANDA: *CADGen1.0 - Systematic Cadastre Application under AutoCAD and BricsCAD*

CADGen1.0 is an application for AutoCAD (versions 2002 - 2018) and BricsCAD Pro or Platinum (versions V12 - V17). The program is made using the Visual Lisp and C ++ programming languages, and DCL (Dialog Control Language) was used for the interface. The main purpose of the application is to automate the process of creating the deliverables provided in the technical specifications of the systematic cadastral work on cadastral sectors in order to record the properties in the land book. The program addresses to individuals and legal entities authorized by OCPI / ANCPI and allows the generation of reports (cadastral registers, alphabetical descriptions, real estate data sheets) and .cgxml files directly from the .dwg drawing of the cadastral sector. Reports are generated as .xls files, so Microsoft Excel is required. The CADGen1.0 application includes 10 commands grouped in the CADGen pull-down menu and the General Cadastre toolbar. The actual use of the application begins after the completion of the cadastral sector drawing. The parcels inside of the cadastral sector will be represented by the closed 2D polylines, in zero elevation, on the TERENURI layer. Polylines will not contain curved segments (fit or splines) or double vertices.

Organisers



Technical University of Civil Engineering Bucharest
Faculty of
Geodesy



Partners



Universitatea
de Arhitectură și Urbanism
"Ion Mincu"

