



## ABSTRACTS

### 6. Alexandru Bogdan GIURGIU, Ionela Lacramioara ADAM, Petre Iuliu DRAGOMIR: *GIS solution using open source software for general cadastre*

*General cadastre is a very important problem in Romania in the last years and also for many years to come. In order to create a good product is necessary to create a good software that can generate this product. This paper aims to demonstrate how open GIS software and programming can create this solution. We used more than one software and more than one programming language in order to create a solution that can manage data, store these data and create the final products. The software used are QGIS as an interface and Postgresql/PostGIS as the database. The programming languages used are SQL, PL/pgSQL for the automatizations inside the geo-database and PHP, Javascript, HTML and CSS for the export of cgxml and pdf documents.*

#### Organisers



Technical University of Civil Engineering Bucharest  
**Faculty of Geodesy**



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