

## 1. CADASTRAL

- complete integration of the cadastral process, starting from the field measurements and ending with the editing of the cadastral evidence plans and registers

## 2. ENVIRONMENTAL PROTECTION

- the supervision of nature reserves,
- analysis of soil, water, air pollution
- monitoring the effects of various pollutants
- analysis of areas affected by different pollutants (chemical, microbiological)
- analysis of areas affected by natural disasters

## 3. AGRICULTURE, PEDOLOGY, FORESTRY AND LAND IMPROVEMENTS

- pedological mapping
- forestry mapping
- forestry cadastral
- surveillance of the health status of forests
- crop surveillance
- the design and supervision of irrigation systems,
- monitoring soil erosion
- analysis of agricultural transport
- plant stress analysis

## 4. CARTOGRAPHY

- drawing up and updating maps and topographical plans
- development and updating of thematic maps
- integration of field, photogrammetric and satellite data into the content of the maps

## 5. TRANSPORT AND TELECOMMUNICATIONS

- design, maintenance and optimization of transport networks (roads, railways, cables, etc.)

## 6. SPECIAL APPLICATIONS

- topographical, hydrographic, aeronautical mapping
- navigation
- border control
- land analysis (visibility, accessibility, corridors, slopes, etc.)

## 7. GEOLOGY

- mapping of geological formations
- tectonic studies
- mapping, inventory and supervision of deposits

## 8. HIDROLOGY, OCEANOGRAPHY

- mapping of watercourses and aquatic surfaces
- the study of coastal areas
- monitoring the pollution of surface and deep-sea waters,
- analysis of river transport
- surveillance of river basins
- prevention of avalanches/floods

## 10. STATISTICS, POPULATION RECORDS, DEMOGRAPHICS

- population register,
- analysis of census data in the territory
- analysis of demographic movements
- production and dissemination of statistical directories

## 11. POLITICS

- various studies (interactions, areas of influence)