**Building a LC/LU MRDB and DCM exploitation. Integration of a National LC/LU dataset and CORINE, and extracting multipurpose outputs for different users”**

**ABSTRACT**

Land Cover and Land Use (LC/LU) information represents a crucial component in the understanding of terrestrial surface, and should be accomplished geometrical and semantically with the rest of geographic data dimensions. There are demands at different levels that shape a complete vision of land for statistical and representation scopes. European projects and initiatives such as CORINE Land Cover, INSPIRE or Copernicus, together with National or regional inventories establish the framework where multiresolution systems should be applied.

Presentation shows the multiresolution schema designed by IGN-Spain about LC/LU information to offer adequate exploitation answers for wide range of users: international applications (CORINE Land Cover 100k, UN-FCCC stats, etc.) national demands (National topographic maps at 25k and 50k, webclients, etc.) or particular applications (Floods zone mapping, Urban systems, agricultural responses, etc.). The core schema is formed by the SIOSE project, Spanish Information System about LC/LU at 25k that is originated by integration of more detailed regional inventories, orthoimages and thematic databases. The schema materialise a bottom-up approach and efficient cost/effort data management like INSPIRE promotes.