

A SURVEY OF CURRICULA AND **PROFESSIONAL SKILLS IN FRENCH GEOMATICS**



GeoRezo

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The development of geoinformation technologies over recent decades has led to important changes in the use of cartographic data for land administration. A broader user community has benefited from inexpensive hardware and software so that GIS tools and methods are now widely accessible for better knowledge and management of territories. As in other countries, French academic institutions have

offered an increasing number of curricula dedicated to the utilization of these technologies, commonly referred to as "géomatique" studies and whose graduates are referred to as "géomaticiens". However, this new professional community does not have a standard profile, and employers often have difficulty in identifying the competencies that correspond to their real needs and means.

Curricula regional distribution in France





Job offer's location in France



BSc level
Still only a few programs dominated by technology (computing and GIS)
MSc level and Engineering schools
Numerous programs with very diverse "geomatics" and thematics components
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Post- MSc and PhD level
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Mainly research oriented but not recognized as a complete academic
Continued education
Highly focused tools programs - programs should adapt to real world needs
and use

Pathways to improve predictability of employment



4 axis for skills differentiation

GIS technologies

Project Management Which needs Young graduates : full time or part time training programmes (Bsc to Msc and PhD)

Continued education : needs of diversified training paths

