

# Professional Continuous Updating in Remote Sensing Applications in Argentina

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## ABSTRACT

In a world constantly changing due to the economical globalization and the accelerated scientific and technological development, with regional integrations and harder professional rivalries, the surveyors' continuous updating in knowledge and procedures becomes imperative thus allowing the betterment of the profession.

In Argentina, confronted with the reformulation of the curriculum designs for Surveying Engineering which will soon facilitate the graduate professionals to handle the most recent technologies and developments, particularly connected with geomatics, and postgraduate studies just beginning, there is a universe of professionals who are working presently and demand modernisation for all. Such modernisation must define the roles of a process of brushing up each professional's knowledge and procedures that may assure a higher recognition to the profession.

The diversity of thematic areas involved in the surveying profession, in view of the limited economical resources of Argentina, demands the need of defining tactics to answer to the new professional requirements.

The horizontal cooperation programs between universities and academic and scientific institutions and professional associations for the installation of effective professional updating systems foster the surveyors' training in specific areas.

This paper shows the encouraging experience of the agreement promoted by the Argentinean Valuation Institute [*Instituto Argentino de Tasaciones*] with the National University of Santiago del Estero [*Universidad Nacional de Santiago del Estero*] and National University of Catamarca [*Universidad Nacional de Catamarca*]. The agreement's aims are centred on the deepening and updating of the knowledge in land valuation and remote sensing applications. A space is created for reflection about the evolution of the valuation and the advantages that provide the remote sensing techniques for evaluation of natural resources. They favour the incorporation of the digital satellite images processing in the land valuation procedures with the benefits that are provided by this georeferenced information for the development of different applications according to diverse working purposes.

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