

Experiences of Inter-Institutional Collaborative Work as Forms of Multiplying the Benefits of Territorial Information

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ABSTRACT

In developing countries, sources of finance for research are scarce. The habitual parameter of evaluation for researchers is publication in well-known international journals. Consequently, in the field of applied sciences, products are principally oriented towards mathematical developments or algorithmic calculation.

Public organisms such as cadastres find difficulties in simultaneously satisfying the necessities of their users, while generating new products that allow them to obtain genuine resources.

Mechanisms for co-operation among state organisms, universities and the private sector allow for the attenuation of these difficulties while concurrently generating useful applications for the community and for the development of human resources.

The Directorate of Cadastre and Land Information (DCeIT) of the Province of Chubut, Argentina has developed diverse associations in order to contribute towards the solution of concrete problems. In this paper, the co-operation and activities shared with the National University of La Plata (UNLP) are discussed:

- The administration of the permanent GPS station in Rawson, allowing the addition of a high level receiver to the services of DCeIT, offering support for the necessities of the technology, and participation in international activities of co-operation.
- An optimisation project for the use of satellite imagery in situations of risk; allowing the acquisition of the necessary knowledge in order to obtain geo-positioned images in minimum times when these can be useful in situations of risk.
- A project for the application of geo-information in order to optimise the administration of environmental health information for the Ministry of Health, Province of Chubut.
- Design monitoring networks for water quality in a project generated by the private sector, carried out by the UNLP, with finance from the deduction of taxes controlled by the State. The DCeIT contributed with its knowledge of the area and the provision of geo-spatial data.

The paper describes the experiences gained from, and the opportunities of this type of inter-institutional collaboration among different sectors.

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