

Abstract

In the Pampas region a large agricultural production process changes is evident, and that can be verified in the Quequén Grande River Basin (QGrB). This paper contributes to the discussion of alternatives and possibilities of implementing environmental planning strategies (EPS) of the QGrB.

The analysis of the changes in land use sued previous studies where an Agroecological Zoning (AEZ) of QGrB was made, which allowed the differentiation of Agroecological Units (AEU) in the two selected periods (1988-1998 and 1998-2008).

Preliminary AEZ of the QGrB, allowed to identify six dissimilar AEU. The most affected AEU in the period 1988-1998 were AEU6 and AEU3, while between 1998-2008 the AEU1 was the most committed.

Finally, remain challenges to achieve, and would be of interest to deepen the suggested lines of research, aimed at EPS and territorial of the Basin.

Keywords: hydrographic basin, agricultural process changes, agroecological zoning, remote sensing, geographic information systems.