Center for Agroclimatic and Environmental Information (CIAg)

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Summary

Climate information plays a fundamental role in decision-making and management of natural resources. It is used to develop resilience strategies and capacities and helps reduce vulnerability to climate change. In addition, agrometeorological information is a valuable tool for planning of agricultural activities such as planting and harvesting, pest and disease prevention, crop and variety selection, livestock production management, fertilizer and nutrient management, and agricultural insurance. Despite the great relevance of this information, in many cases it is not available. Thus, the use of satellite information and global models becomes important, but they add greater complexity to access this information. The Agroclimatic and Environmental Information Center was created to simplify the search and access of information. The first step was to generate a database with meteorological information from different sources such as: observed data, satellite data and data generated by global and regional models. Then, agrometeorological and agroclimatic variables were calculated and a web page was developed that offers all the information generated (https://ciag.agro.uba.ar/).

Key words: climate information; agroclimatic atlas; databases; climate change