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The experience of the College of Agricultural Sciences of the UPR-Mayaguez

During the last 15 years, the technologies of remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS) have become an important part of the agricultural sciences and the management of the natural resources. Remote sensing is being used to monitor changes in land use, crop damage, crop stress, and others. GIS is being used to store, manipulate, and present spatial variability. With GPS technology, geographical positions and elevation can be determined on the surface of Earth in applications such as soil/crop sampling and prescription farming. We will be presenting the experience of the College of Agricultural Sciences with the technologies and the impact of the Partnership for Spatial and Computational Research project in the area of curriculum development and research.