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ANALYZING THE SOIL CONDITION FOR THE AGRICULTURE USING GNSS

Abstract

Global Navigation Satellite Systems (GNSS) are relatively new technology when it comes to application in agriculture. Over the last few decades agriculture types of machinery, methods and technologies reached high technical standards in order to improve agriculture production. Satellite agriculture is a highly effective farming management method that focuses on each and every part of the agriculture. And also highly advanced technological applications such as Satellite tracking, ploughing monitoring, harvesting, distribution of fertilizer, herbicide and water irrigation are some of the applications of positioning technologies in agriculture to improve productively and tested and practiced in several countries. Soil condition is one of the major facts of agriculture, where farmers are highly focused before the harvesting. The ability to continuously monitor and map yield at harvest and observe its spatial variability is a key points where implementing specific crop management system. From this paper summarizing on how to analyze the soil condition of the agriculture fields using GNSS technology before and after the harvesting.