

عنوان مقاله:

Remote sensing in precision and sustainable agriculture

محل انتشار:

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نویسندگان:

Talayeh Kallhor - *Ph.D. Student in Department of Agricultural Machinery Engineering, Faculty of Agricultural Engineering & Technology, College of Agriculture and Natural Resources, University of Tehran, Karaj, Iran*

Mohammad Sharifi - *Faculty member in Department of Agricultural Machinery Engineering, Faculty of Agricultural Engineering & Technology, College of Agriculture and Natural Resources, University of Tehran, Karaj, Iran*

خلاصه مقاله:

Data acquisition of crops accurately is necessary for sustainable agriculture. Precision agriculture uses advanced information management system and technologies to optimize farm inputs. One of these technologies is remote sensing technique. Soil erosion and soil salinization are significant agricultural problems that affect crop productivity. Remote sensing sensors gather and evaluate data of soil and crop traits. Different sensors (optical and thermal) are used in agricultural applications. Moreover, timely monitoring of crop diseases and pests is vital for food security. In the current paper, the applications of remote sensing technique in precision agriculture are summarized.

کلمات کلیدی:

precision agriculture, remote sensing, monitoring

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