

## عنوان مقاله:

The role of RFID smart tags in management planning and control of wildlife

## محل انتشار:

کنفرانس بین المللی توسعه با محوریت کشاورزی، محیط زیست و گردشگری (سال: 1394)

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## خلاصه مقاله:

Wildlife management in the future as well as other areas, will be based networks and networks as a mean of control and planning become more objectivity. The main objective of this study was to study efficiency of smart tags (RFID), radio frequency identification on performance and capable management, planning and control of wildlife by track and collect data of species. In this study, in addition to considering the importance of addressing environmental issues and wildlife, to read RFID tags and finally, the ability of this technology in planning and environmental management, especially issues related to wildlife will be discussed. For this survey, books, numerous articles and Internet resources were used. By combining these data with field studies in the field of wildlife and is offered an approach to the strategic use of this technology for effective management in this area. According to the results of this research and the ability of RFID technology to connect to an integrated database and or a GIS system and incorporating with GPS site, can be combined appropriate and by using a central database, speed and capabilities of tracking and transferring information in the RFID tags, to make high efficiency of the system and somehow make it strategic. With this action we will be able to decide systemic, more effective control and clever planning with use of tracking information of species and to improve the status of this specie

## کلمات کلیدی:

RFID Tag, environment, wildlife, wireless technology, GIS

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