

عنوان مقاله:

Investigation of sustainability in implementation network of water resource management through Network Analysis

محل انتشار:

اولین کنفرانس بین المللی تصفیه فاضلاب و بازیافت آب، فناوری ها و یافته های نو (سال: 1388)

تعداد صفحات اصل مقاله: 7

نویسندگان:

M Bashirzadeh - College of Soil and Water, University of Tehran, Tehran, Iran

S Araghinejad - College of Soil and Water, University of Tehran, Iran

H Mohammadi Kangarani - Faculty of Natural Resources, University of Hormozgan, Hormozgan, Iran

خلاصه مقاله:

Inadequacy of the water resources and demands increases need for sustainable management. The proper management through the sustainable development is obtained from best communications of politicians, organizations and planning executers, and water beneficiaries. In brief, sustainable development seeks to bring equilibrium between environmental, social and economic aims as well as the use of limited natural resources. Water has political, cultural, social, economical and environmental values that have fundamental effects on development. These factors are mixed and some times has mutual effects on each other. This paper analyses the existing relations between institutions which play as the main actors of the water resources management of Iran with a network analysis approach. For this purpose, UCINET and Net Draw softwares and some concepts such as degree, betweenness and eigenvector centralities are used to delineate and analysis of relations between stakeholders. Main stakeholders are recognized and the most vulnerable stakeholders are highlighted. Results showed that some main actors of implementation network of water resources have shortages in relation with others. Actors same as Farmers, water cooperative, soil and water organization most of the times located in weak state. In new network some possible relation and education segment added in water resources management organization. New network character better than first network

کلمات کلیدی:

Network Analysis, Sustainability, Water Resources Management

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/115678>

