Abstract

Undoubtedly, agriculture is the most important and vital human activity and guarantees the sustainability and balanced development of society. One of the main issues in the sociology of agriculture is research into agricultural farming systems. The operating systems of the economic and social organization are composed of interconnected elements that, with a single identity and management, and in conjunction with the social and natural conditions of their environment, allow the production of agricultural products. Sistan farming systems are based on stack holders, and after the recent droughts, include wheat, barley, watermelon, and melon and grapes in orchards. The research method is based on the descriptive-analytic. For collecting data, background literature, documents, interviews, questionnaires, surveys, strategic meetings and strategic issues were used. Today, the feasibility of developing economic sectors has become widespread through analytical models. One of the success codes for each power system is analysis. SWOT analysis was used to analyze agricultural systems in Sistan. Accordingly, 11 strengths, 16 weaknesses, 12 opportunities and 16 threats to the agricultural systems of the region were mapped. The sunny days is the best strength, evapotranspiration and dispersion of villages is the greatest weakness, as well as the common border is the greatest opportunity and weakness of management. After defining the internal and external factor matrix and the QSPM matrix, 14 strategies were determined. Among these, SO2 and ST1 strategies were selected as the most attractive strategies with the score of 13.828 and 13.732 including creating multiple greenhouses for growing medicinal plants and creating employment by developing the agricultural sector, respectively.

Keywords: SWOT analysis, QSPM matrix, Agricultural systems, Sistan.

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