



كلية الزراعة

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Abstract

Despite of the significant importance of the fisheries sector, the production of fish does not meet the needs of domestic consumption in Egypt, nor does it reflects the world average per capita of fish. That's why there is a pressing need to a rapid development of the fishery. to meet the fish food gap through Fish Culture, as one of the productive activities, which can contribute to economic and social development.

This section addressed the social and economic characteristics and financial analysis of hatchery projects in Fayoum governorate during (2015-2016), the profit was about 44.59 % of total average revenue. The evaluating of performance and financial analysis and analyzing the sensitivity of the present value of the costs and revenues of fish hatcheries in Fayoum during (2015-2016) showed that hatchery-capacity has a very high ability to withstand any future changes as the IRR was $> 50\%$, which is higher than the rate of return on investment (16%).

the section of dealt with evaluating the performance of Fish Culture projects, by identifying the sources of knowledge, training, in addition to the management of basins and nutrition, and for production, sales and marketing, and finally the relative importance of the terms of costs and revenue. And the third chapter deals with comparison between systems of economic management of fish farms projects in Fayoum governorate.

The performance evaluation standards had been studied to the various management systems, to make a comparison between the systems of projects by using sensitivity analysis during (2015-2016), it showed that the corporate system better able to withstand future changes, as the internal rate of return of up to 37.5%, while the individual management system achieves internal rate of return of up to 26%.

The study concluded several dire actions for the promotion of Fish Culture projects as follows:

- 1- Fish Culture projects are very profitable economically and require high investments in order to maximize its revenues. And because of funding difficulties, study recommends a partnership or private sector which provides funding through participation.
- 2- The necessity of developing the management system through splitting the economic tasks and administrative functions, and thus improve management performance and to maximize project returns.



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- 3- Establish more fish hatcheries that adopt modern techniques which produce a high-quality production of a pretext in order to meet the needs of Fish Culture projects. And also applying the corporate system because of its high economic feasibility and to reduce the gap fish in Fayoum governorate.

عميد الكلية

رئيس مجلس القسم

المتقدم للترقية

الأستاذ الدكتور/ منى
الخشاب

الأستاذ الدكتور/ إيناس صادق

الدكتور/ عيد نعيمة فيصل