

NOTICE OF PUBLICATION



RESEARCH REPORTS

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Title: Instantaneous Mortalities and Multivariate Models: Applications to Tilapia Culture in Saline Water.

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Abstract: The "per cent mortalities" commonly used by aquaculturists do not allow separation of the different components of fish mortality between stocking and harvesting in aquaculture experiments. It is shown that "instantaneous" or exponential mortalities, as used in fish population dynamics, have the properties required for such separation, especially when used in conjunction with a multiple regression model. Examples drawn from tilapia experiments conducted in seawater tanks in Kuwait and brackishwater ponds in the Philippines are presented.

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