



## Food strategies for the development of sustainable and resilient breeding systems for sea bass and meagre

**Objective:** Evaluate the effect of new formulation diets, containing an increasing level of by-product from fishery and aquaculture and organic ingredient on sea bass and emerging specie like meager. Analysis of growth performance and fish health.

**Materials and Methods:** The trials took place in a laboratory with a RAS system to emulate farming conditions and consisted of feeding up to triplicate their weight. Afterwards, faeces and plasma samples were collected to assess the animal's health status. For the enzymatic analysis, sections of intestine were taken which were then pooled and the enzymatic activity was evaluated using a spectrophotometer.

**Results and Conclusions :**The tests have led to satisfactory results highlighting the possibility of using waste products and organic ingredients for the feed supply, without affecting the health and growth of the animal and with good results on enzyme activity.



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