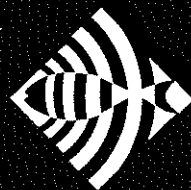
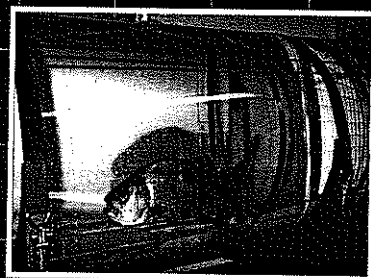
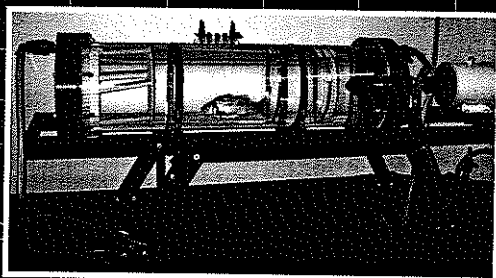
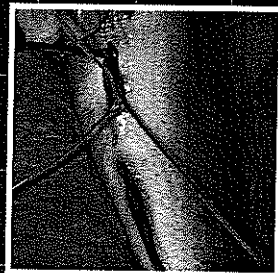
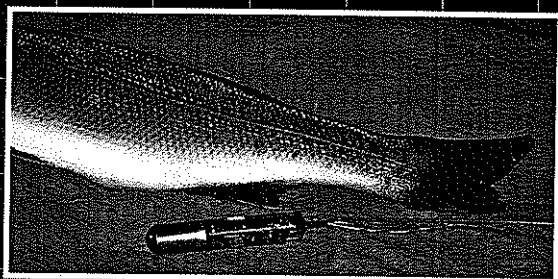


AQUATIC TELEMETRY

ADVANCES AND APPLICATIONS



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Proceedings of the
Fifth Conference on Fish Telemetry held in Europe
Ustica, Italy, 9–13 June 2003

Edited by

Maria Teresa Spedicato and **Giuseppe Lembo**

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Preparation of this publication

This co-publication by FAO and COISPA is a compilation of 29 selected papers presented at the Fifth Conference on Fish Telemetry held in Europe which COISPA organized in Ustica, Italy, in 2003 to bring together researchers and fisheries biologists involved in telemetry and biotelemetry studies in marine and freshwater ecosystems. In line with its attempts to make the use of the aquatic resources more sustainable, the FAO Fisheries Department decided to publish these Proceedings to put emphasis on telemetry as a useful tool for gathering biological information to serve as a basis for management decisions.

The submitted papers examined and selected for publication by the Scientific Committee of the Conference and peer-reviewed by independent referees. Thus, this publication complies with the high international scientific standards. The document was compiled and technically edited by Maria Teresa Spedicato and Giuseppe Lembo, COISPA, in cooperation with Gerd Marmulla, FAO. The desktop processing was done by Linopuglia (Bari, Italy).

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This volume includes 29 peer-reviewed papers presented at the Fifth Conference on Fish Telemetry held in Europe (Ustica, Italy, 9-13 June 2003). The papers cover a wide range of topics on the application of aquatic telemetry in the field of human impact, fishery management and aquaculture. Evaluations of the barriers' effects on the migrations of both juvenile and adult fish are presented and discussed. New results on migratory patterns and habitat utilization are reported, elucidating behavioural ecology of several freshwater and marine species. Advances in methodology and new technology are also described and discussed.

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