

Title: **Probabilistic assessment, management and advice model for fishery management in the case of poor data availability: the EU POORFISH project**

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Abstract: The objective of the European POORFISH project (2005-2008) is to create an advisory system (assessment, advice, and/or management) approach based on methods able to deal with data poor systems (utilizing both expert knowledge and published information in addition to existing data sets). There are basically at least three types of data poor situations: § Small scale fisheries with usually several target species of otherwise mixed fisheries (many coastal fisheries in Mediterranean and northern Baltic areas) § Large scale, but recently developed fisheries (many deep sea fisheries belong to this group) § Large scale fisheries, where the quality of data is getting worse (poor data due to e.g. misreporting and discarding) The paper will present the methodology developed in the project and its first application of to selected fisheries in the Baltic Sea, North Sea, Mediterranean Sea and along West African coasts.