Marine ecosystems are the subject of many scientific and political concerns. Many human activities threaten environmental and fishery resources and have consequences on biodiversity. These include overexploitation, pollution, and global warming. Fish as sources of food and income for millions of people around the world are declining. Librarians in marine science have an essential role to play in the mediation of knowledge about conservation of resources and ecosystems. The librarian should not be satisfied only with the collection, processing and dissemination of information. There is a role more important than ever in publicizing scientific knowledge so that local populations can better understand the functioning of ecosystems and contribute to protecting the environment. Various solutions can be envisaged. The aim of this paper is firstly to explain the project of the popular science library IMROP (Mauritania) by proposing a few tracks that both value the library profession, but also raise awareness among local populations of the need to conserve marine ecosystems.