

Installation of a Tensioned-Fabric Sea Change Screen at Gibraltar Strait – Creation of a “Mediterranean Sea Oceanarium”

Richard Brook Cathcart
GEOGRAPHOS
1608 East Broadway
Suite #107
Glendale, California 91205-1524
USA
(818) 246-8422
E-mail: rbcathcart@msn.com

Abstract

A new form of art, Ocean Art, is proposed which centers on terracing a part of the global ocean's surface. Controllably macro-engineering the Mediterranean Sea may be economically accomplished with the emplacement of a suspended-in-seawater vertical membrane screen at the Strait of Gibraltar. Because it is a physical separation, such a material screen can be utilized, in part, to (1) stop the high-salinity water bottom current leaving the Mediterranean Sea and (2) regulate the North Atlantic Ocean surface current of fresher water entering the Mediterranean Sea. When it is based on correct geophysical calculations and predictions, Ocean Art becomes another postulated means to mitigate unwanted regional coastal changes and to foster Basin-wide economic prosperity.

Key words

Ocean Art, Gibraltar Strait, Molecular Nanotechnology, Mediterranean Sea Basin, Oceanarium