

VOLCANISM IN THE GULF OF CADIZ : BIBLIOGRAPHIC AVAILABILITY

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An ocean basin hydrocarbon province is emplaced along the Iberian – Moroccan wedge, in the Gulf of Cadiz. Giant seismically-chaotic bodies with thicknesses exceeding 4 km covers an area as great as 90.000 km² with potential hydrocarbon reserves revealing the Gulf of Mexico, suitable for petroleum storage. In cooperation with Moroccan institutions the Naval Research Laboratory of the United States carried out in 1999 a series of prospecting with the objective of mapping the submarine emissions. Afterwards the Floating University of the University of Moscow has intensely investigated in the tectonics associated with the Azores Gibraltar lines. The Portuguese Navy started in September 1999, and commanded by a Spanish Institute of Oceanography head scientist, cruise Anastasya sailed from Cádiz in September 1999. Early French studies started in August 2001. One of the sources of information on the nature of subsurface materials are mud volcanoes. The Spanish online marine information management capacity covers one of the mud volcanoes where deep-water corals were found, the Tasyo. This is a site in the North area close to the Spanish margin, where a volcano is located at 35°45'N and 07°05'W. At a depth of 1100, this volcano contained deep-water corals supported layers. The Tasyo web page on gas hydrates received between November 2006 and January 2007 16195 visits. The engine was created by the marine geologist head of the Tasyo-Gades Marine Research Group aboard R/V Hesperides (Apr-May 2000). Dublin core standardized meta-information is provided for each web sheet. The contents displayed are Why Tasyo ? Tectosedimentary and Olistostromic processes from the shelf to the abyssal plains; research topics: frequently unsolved questions (FUQ); directory of researchers; directory of oceanographic cruises; database (seismic lines); news: meetings, congress ...; post 2003 scientific ocean drilling proposal; comments and suggestions electronic box; and bibliography. Is is mostly available in English. Finally a bibliometrics study, is used to map the mud volcanisms of the Gulf of Cadiz, corresponding below to deep oil. 105 relevant authors, 45 journals, and 108 relevant key words are identified. 40 institutions are involved in the research with Lomonosov State University, the University of Aveiro, and CSIC been the first three. Russia, Spain and Portugal lead the scientific competition. A bibliographic chart is supplied that shows the leaders of Tasyo as focusing (in 2003) 40% of the investigations.