

CURRICULUM VITAE

JOSÉ ANTONIO ZERTUCHE-GONZÁLEZ

January 2005.

BORN: December 22, 1954. Mexico, D.F.

MARITAL STATUS: Married, three children.

PRESENT ADDRESS Universidad Autonoma de Baja California
Instituto de Investigaciones Oceanologicas
Apdo. Postal # 453. Ensenada, B.C. Mexico 22870
Phone: 52 (6) 174 46 01 Fax: 52 (6) 174 53 03
E mail: zertuche@faro.ens.uabc.mx

EDUCATION:

B.A. Universidad Autonoma de Baja California. 1977 (Oceanography)
M. S. MSRC, SUNY at Stony Brook, New York. 1981. (Coastal Management
Ph.D. MSRC, SUNY at Stony Brook, New York. 1988. (Coastal Oceanograph

PROFESSIONAL EMPLOYMENT:

Universidad Autonoma de Baja California

1985-87 Assistant Professor
1987-88 Associate Professor
1988-90 Full Professor (B category)
1990- present Full Professor (C category, maximum level)

Academic Positions of Leadership

At the UABC- Instituto de Investigaciones Oceanologicas
- Head of the Biological Oceanography Division. 1985-1989
- Head of the Doctoral Program in Coastal Oceanography. 1989-1994
- Research Director (Subdirector Academico) 1989-1993
- Director of the Institute of Oceanographic Research. 2001-2005

Outside UABC

-President of the Mexican Phycological Society. 1993-1996
-Member of Comission for Fisheries and Aquaculture for Latin America (COPESCAL-FAO) and representative of the seaweed group. 1995-1997.

INTERNATIONAL GRANTS WITH USA COLLABORATORS

Mariculture and physiology of commercially valuable seaweed from Baja California, México. 1986-88. New York Sea Grant Institute. \$30,000 dollars per year. Principal investigator: Dr. Boudewijn H. Brinkhuis. SUNY at Stony Brook.

Physiological basis for the annual life cycle of *Eucheuma uncinatum*. 1987 & 1990. \$20,000 dollars per year. Principal investigator: Dr. Boudewijn H. Brinkhuis. SUNY at Stony Brook.

Commercial aquaculture of algae: Economic development and environmental policy. Pacific Rim Research Program. 1993-1995. \$43,744 US per year. Principal investigator: Dr. David Chapman (UCLA) and with the collaboration of Dr. Ed. Titlyanov (Russian Academy of Sciences, Institute of Marine Biology).

Enhancing the Marine Sciences and Coastal Management Programs at UABC and UCONN. US-Mexico TIES Partnership. UABC and UCONN . TIES/Enlaces Program. Association Liason Office for University Cooperation in Development. January 2003-2005 (\$300,000.00 US dollars).CPI : José A. Zertuche in Co-Director with Dr. Boris Bravo-Ureta from UCONN.

TEACHING AND RESEARCH SUPERVISION

Thesis Director of five Ph.D., nine M.Sc. and thirteenth B.S. thesis (concluded). Instructor at the Ph.D. and M.Sc. Coastal Oceanography Program from UABC of the following graduate courses: Seaweed Ecophysiology, Seaweed Culturing, Management of Seaweed Beds, Selected Topics on Seaweed Biology and Thesis Seminar.

REPRESENTATIVE RECENT PUBLICATIONS:

Ladah L., J.A. Zertuche-González and G. Hernández-Carmona. Rapid recovery of giant kelp forest (*Macrocystis pyrifera*, Pheophyceae) at their southern limit in Baja California, during El Niño 1997-1998". 1999. Journal of Phycology 35(6): 1106-1112.

Garza-Sánchez F, J.A. Zertuche-González and D.J. Chapman. 2000. Effect of Temperature and irradiance on the Release, Attachment and survival of Spores of *Gracilaria pacifica* Abbott (Rhodophyta). Botanica Marina. 43.

Zertuche-González, J.A., G. García-Lepe, I. Pacheco-Ruiz, A. Chee-Barragán and V. Gendrop & J.M. Guzmán. 2001. Open water *Chondrus crispus* Stackhouse cultivation. Journal of Applied Phycology. 13: 249-253.

Cabello-Pasini, A., J.A. Zertuche-Gonzalez e I. Pacheco-Ruiz. 2003. Photosynthesis and nitrate uptake during an annual succession of two competing Rhodophytes from the Gulf of California. Botanica Marina.46: 503-512.

Ladah L., J.A. Zertuche-González . 2004. Giant kelp (*Macrocystis pyrifera*) survival in deep water (25-40m) during mass disappearance during El Niño of 1997-1998 in Baja California, Mexico. Botanica Marina 47: 367-372.

Zertuche-González, J.A., Galindo-Bect, L., Pacheco-Ruiz I. and Gálvez-Télles, A. Time-space characterization of commercial species from the Gulf of California with the uses of a geophysical information system. *Hydrobiologia*. (En prensa)