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Professional & academic and interests: Remote sensing of ocean waves; X-band marine radar and spaceborne synthetic aperture radar; wave modeling; littoral processes and coastal zone management.

EDUCATION

Universidad Autónoma de Baja California, School of Marine Sciences. Ensenada, Mexico.
PhD in coastal oceanography. Dissertation: *Analysis of ocean swell directional spectra evolution under strong-wind conditions at the Gulf of Tehuantepec using Synthetic Aperture Radar*.
PhD completed: August 24, 2011.

Oregon State University, College of Oceanic & Atmospheric Sciences. Oregon, U.S.A.
Master of Science in Marine Resource Management (major: marine resource management; minor: ocean engineering). Final project: *Study of coastal changes along the New River Spit, Bandon Littoral Cell, relevant to an adjustment of the Statutory Vegetation Line on the south coast of Oregon*.
MSc completed: March 19, 1999.

Universidad Autónoma de Baja California, School of Marine Sciences. Ensenada, Mexico.
Bachelor of Science in Oceanology (major: marine geology).
BSc completed: October 7, 1993.

RESEARCH ACHIEVEMENTS (*relevant publications and conference proceedings*)

Ocampo-Torres, F. J., H. Garcia-Nava, R. Durazo, P. Osuna, G. M. Diaz Mendez. & H. C. Graber, 2011. The intoA Experiment: a study of ocean-atmosphere interactions under moderate to strong offshore winds and opposing swell conditions in the Gulf of Tehuantepec, Mexico. *Boundary-Layer Meteorology*, 138: 433-451.

Diaz Mendez, G. M., S. Lehner, F. J. Ocampo-Torres, X. Li & S. Brusch, 2010. Wind and wave observations off the south Pacific coast of Mexico using TerraSAR-X imagery. *International Journal of Remote Sensing*, 31(17): 4933-4955.

Ocampo-Torres, F.J., G. Diaz Mendez, H. Garcia & R. Durazo, 2007. Ocean swell spectrum evolution in the Gulf of Tehuantepec, Mexico. *Proceedings of the 2007 ENVISAT Symposium*. European Space Agency. Montreux, Switzerland.

Komar, P.D., G.M. Diaz-Mendez & J.J. Marra, 1999. Stability of the New River Spit, and the Position of Oregon's Beach-Zone Line. *Journal of Coastal Research*, 17(3): 625-635.

Diaz, G.M., C. Appendini, J. Medina, J. González, J. López, R. Vizcaíno, J. Rey, M. Fernández & F. Peñalver. 2003. *Environmental restoration of Playa de Villanitos, Murcia, Spain*. MEDCOAST 2003. Ravena, Italy.

Diaz Mendez, G.M., P.D. Komar y J.J. Marra, 1999. Physiographic changes along the New River Spit, Oregon, and the relocation of the Beach-Zone Line. *Canadian Coastal Conference 1999*. Victoria, Canada.

Komar, P. D., J. C. Allan, G. Diaz-Mendez, J. J. Marra, & P. Ruggiero, 2000. El Niño & La Niña - processes and erosion impacts. Proceedings of the *27th International Conference on Coastal Engineering*. Sidney, Australia.

RELEVANT EMPLOYMENT

Assistant professor (January, 2000 - August, 2001; January, 2005 - October, 2006)
Universidad del Mar. Oaxaca, Mexico.

Taught undergraduate and graduate level college courses on various disciplines, including coastal processes, geological and physical oceanography, marine resource management, port management, etc. Conducted and collaborated on research projects regarding the physical and geological oceanography of the south Pacific coast of Mexico, as well as on local coastal zone management issues.

Project assistant (January - September, 2004)
MB Desarrollos Integrales, S.A. de C.V. Mexico City, Mexico.

Collaborated on the development of two coastal engineering projects consisting on providing solutions to water circulation issues within two different lagoon systems at the Pacific coast of Mexico. Main responsibility was to perform numerical modeling of the hydrodynamic conditions of both lagoon systems. Model employed was USACE's SMS 8.1 suite, including RMA2 and RMA4 modules. Additional responsibilities included assisting on field data collection and analyses, as well as report writing.

Project assistant (November, 2002 - September, 2003)
ALATEC, S.A. Madrid, Spain.

Collaborated on several coastal engineering projects, including beach re-nourishment at Villanaitos, southeastern Spain. Duties included report preparation, computer modeling (DHI's MIKE 21) and analyses of results, assisted on field surveys, data analysis, etc.

Teaching assistant (March 1997 - December 1998).

College of Oceanic & Atmospheric Sciences, OSU. Corvallis, Oregon. USA.

Prepared class material and assisted students of the courses: Geological oceanography (OC 460/560) and Introduction to Oceanography (OC/GEO 103).

ADDITIONAL INFORMATION

Computer skills - experience with PC, Mac OS, Linux and UNIX systems; programming languages: Matlab, HTML; numerical modeling: SWAN; USACE's SMS suite, DHI's MIKE 21, IH Cantabria's SMS suite.

Language skills - Spanish: mother tongue. English: advanced (TOEFL score in 2010: 653). French: intermediate. German: beginner.

Hobbies - performing arts: amateur viola player; sports: soccer, tennis and saber fencing.

ACADEMIC REFERENCES

Dr. Francisco J. Ocampo Torres, *Researcher*

Physical Oceanography Department, CICESE.

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Dr. Reginaldo Durazo, *Researcher*

Faculty of Marine Sciences, UABC

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Dr. Bertrand Chapron, *Director*

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Dr. Paul D. Komar, *Professor Emeritus*

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Dr. William G. McDougal, *Professor*

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Dr. Susanne Lehner, *Researcher*

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German Aerospace Center (DLR),

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