

Jorge Alejandro Kurczyn Robledo

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Professional Preparation

- 2014 Postdoctoral researcher, ISMER, Rimouski, Quebec, Canada.
- 2012 Ph. D, Physical Oceanography, Physical Oceanography Department, CICESE. Ensenada, Baja California, Mexico.
- 2005 M. S. Applied geophysics, Geophysics Department, CICESE. Ensenada, Baja California, Mexico.
- 2000 B.S., Oceanography, Marine Science Faculty, Universidad Autonoma de Baja California. Ensenada, B.C, Mexico.

Research Interests

Physical oceanography, Large-scale and seasonal variability, Mesoscale and submesoscale process, Coastal oceanography, Ecosystem response to physical forcing, Satellite oceanography, Direct measurements of ocean variables, Ocean data assimilation.

Main Publications

- Kurczyn, J. A.**, E. Beier, M. F. Lavín, A. Chaigneau and G. Godínez. (2013). Anatomy and evolution of a cyclonic mesoscale eddy observed in the northeastern Pacific tropical-subtropical transition zone in November 2005. *Journal of Geophysical Research*, Vol. 118, 1–20, doi:10.1002/2013JC009339.
- Kurczyn, J. A.**, E. Beier, M. F. Lavín and A. Chaigneau. (2012). Mesoscale eddies in the northeastern Pacific tropical-subtropical transition zone: Statistical characterization from satellite altimetry. *Journal of Geophysical Research*. Vol. 117, C10021, doi:10.1029/2012JC007970.
- Espinosa-Carreón, T. L., G. Gaxiola-Castro, E. Beier, P. T. Strub and **J. A. Kurczyn**. (2011). Effects of mesoscale processes on phytoplankton chlorophyll off Baja California. *Journal of Geophysical Research*. Vol. 117, C04005, doi:10.1029/2011JC007604.
- Godínez, V. M., E. Beier, M. F. Lavín and **J. A. Kurczyn**. (2010). Circulation at the entrance of the Gulf of California from satellite altimeter and hydrographic observations. *Journal of Geophysical Research*. Vol. 115, C04007, doi:10.1029/2009JC005705

Technical reports

Jorge Alejandro Kurczyn Robledo, Paula Pérez-Brunius, Joaquín García Córdova, Ernesto García Mendoza, Francisco Delgadillo Hinojosa, Manuel López Mariscal, Julio Candela Pérez. (2014). DATOS DE CTD Y LADCP DE LA REGIÓN DE LA BAHÍA DE TODOS SANTOS, BAJA CALIFORNIA. CAMPAÑAS BTS DE ENERO 2008 A NOVIEMBRE 2012. B/O FRANCISCO DE ULLOA. Infrome

Técnico. Departamento de Oceanografía Física. Division de Oceanología. Centro de Investigación Científica y de Educación Superior de Ensenada. Ensenada, Baja California, México.

Awards and fellowships

- 2014 Postdoctoral fellowship, ISMER, Rimouski, Quebec, Canada. Mexican research council (Conacyt Mexico).
- 2008 Ph. D. Fellowship, CICESE, Ensenada, Baja California, Mexico. Mexican research council (Conacyt Mexico).
- 2002 M. S. Fellowship, CICESE, Ensenada, Baja California, Mexico. Mexican research council (Conacyt Mexico).

Working experience

- 2013 Development of a lagrangian numerical model. P.I. Dr. Martin Montes (ISMER, Canada) and Dr. Emilio Beier (CICESE-La Paz, Mexico).
- 2013 Seasonal characteristics of local currents and water masses, from *in-situ* data off Todos Santos Bay. P.I. Dra. Paula Pérez Brunius (CICESE, Mexico).
- 2007 Altimeter data analysis. P.I. Dr. Miguel F. Lavin (CICESE-La Paz, Mexico).

Languages

Fluent in English and Spanish

Test	Test date	reading	listening	speaking	writing	TOTAL
TOEFL	January	23	25	26	27	101
iBT	13th, 2007	(High)	(High)	(Good)	(Good)	

Referrals

Emilio Beier. PhD thesis advisor. ebeier@cicese.mx, phone: 52 (612) 121 3031 ext 204

Paula Pérez Brunius. PhD thesis committee. brunius@cicese.mx, phone: 52 (646) 175 5000 ext 24044.

Martin Montes-Hugo. Postdoctoral advisor. martinalejandro_montes@uqar.qc.ca, phone: +1 (418) 723 1986 (ext. 1961)