

Project Number and Title: 21. Efecto del cambio climático en los mamíferos acuáticos del océano Atlántico Sur Occidental

(Effect of climate change on aquatic mammals from the South Western Atlantic Ocean)

Institution: Universidad Nacional de Luján

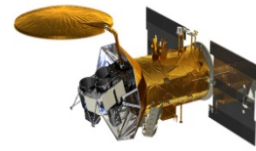
Number of Researchers: 2

Human Resources Formation: 1 PhD thesis

Acquired equipments: A notebook and software related.

Field campaign: Several trips to Paraná Delta (data obtained indirectly from many databases)

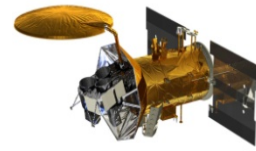




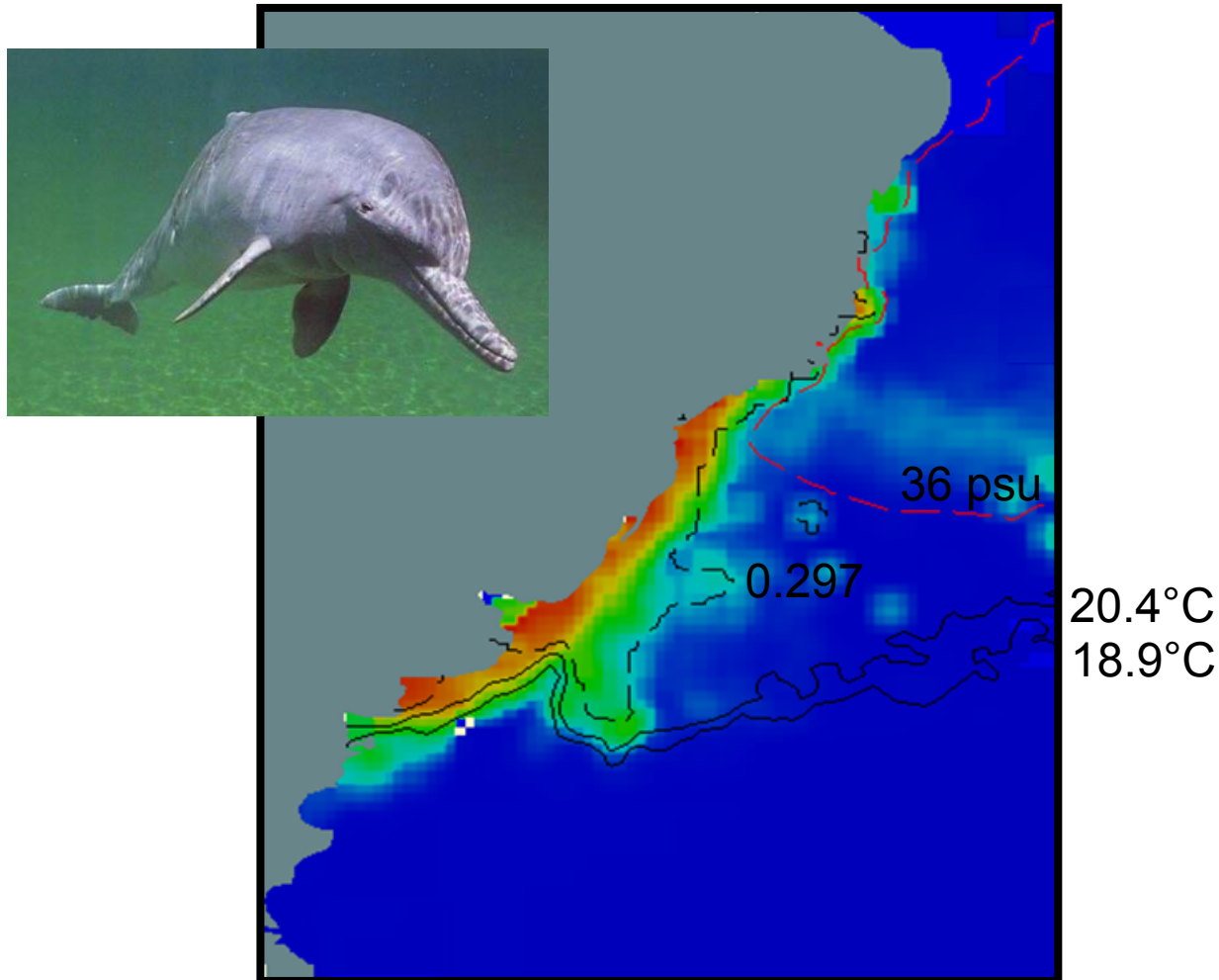
Publications

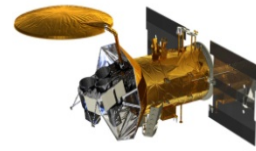
- Gomez JJ, Cassini MH (2014). Analysis of environmental correlates of sexual segregation in northern elephant seals using species distribution models. *Marine Biology* 161: 481-487
- Gomez JJ, Túnez JI, Fracassi N, Cassini MH (2014) The distribution of Neotropical otters (*Lontra longicaudis*) in Paraná River Delta (Argentina). *Journal of Mammalogy*, 95 (4): 824-833 DOI: <http://dx.doi.org/10.1644/13-MAMM-A-265>
- Gomez JJ, Cassini MH (2015). Environmental predictors of the distribution of Franciscana dolphin (*Pontoporia blainvillei*), and their relation to eco-physiological and behavioral constraints. *Global Ecology and Conservation* 3: 90-99
- Gomez JJ, Cassini MH (submitted) Effect of climatic factors on the Atlantic distribution of colonies of Southern sea lions (*Otaria flavescens*) *Marine Ecology Progress Series*
- Gomez JJ, Cassini MH (submitted) Análisis de la distribución oceánica de machos y hembras del elefante marino del sur (*Mirounga leonina*) utilizando modelos de distribución de especies. *Revista de Biología Marina y Oceanografía*.
- Trigila AP, Gómez JJ Cassini MH, Túnez JI (2015) Genetic diversity in the Neotropical river otter, *Lontra longicaudis* (Mammalia, Mustelidae), in the Lower Delta of Parana River, Argentina and its relation with habitat suitability. *Hydrobiologia*, on line, doi: 10.1007/s10750-015-2557





Publications

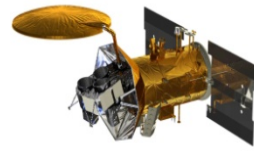




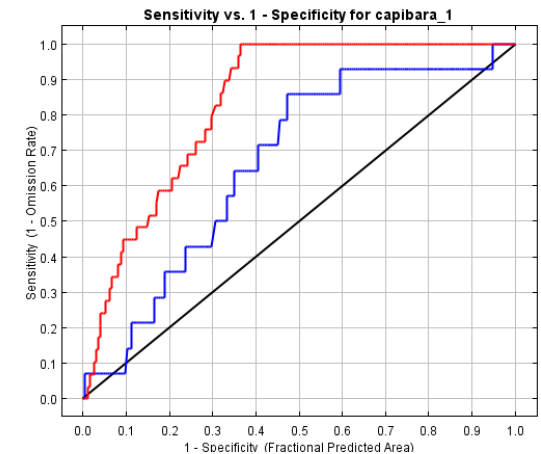
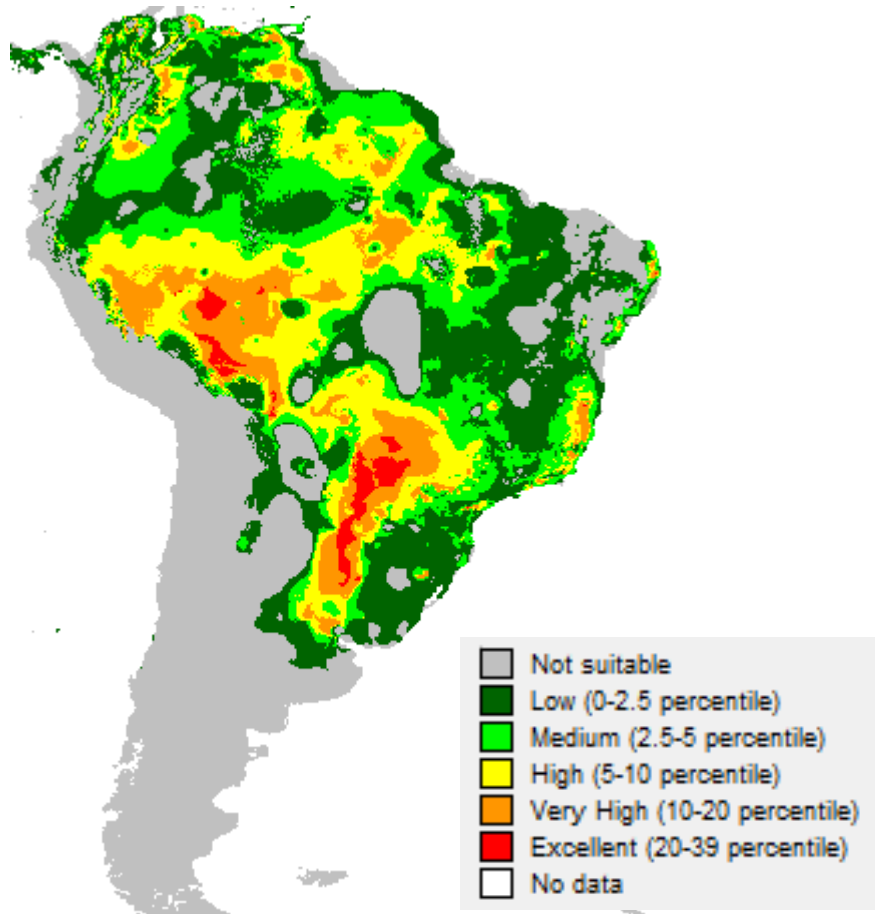
Congress:

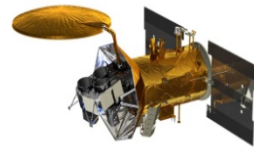
- Gomez JJ, Cassini MH. Use of satellite information to understand de effect of climatic variables on the distribution of elephant seals in North-American and Arctic waters. 8th Aquarius/SAC-D Science Meeting. An Observatory for Ocean, Climate and Environment. Noviembre 12-14, 2013, Buenos Aires, Argentina
- Gomez JJ, Cassini MH. Relaciones entre factores ambientales y eto-fisiológicos en la determinación de la distribución geográfica de mamíferos acuáticos. XI Congreso Sociedad Española para el Estudio de los Mamíferos, 5-8 diciembre 2013, Avilés, España.
- Gomez JJ, Túnez JI, Fracassi N, Cassini MH. Use of species distribution models to estimate habitat suitability and threats on Neotropical river otter (*Lontra longicaudis*) in the Low Delta of Parana river, Argentina. XII International Otter Congress of the IUCN OSG, August 2014, Rio de Janeiro, Brazil
- Gomez JJ, Túnez JI, Fracassi N, Cassini MH. Habitat suitability and anthropogenic correlates of Neotropical river otter (*Lontra longicaudis*) distribution. 88th Annual Meeting of the German Society for Mammalian Biology. 1-4 September 2014, University in Giessen, Germany.





Other: Habitat suitability for the capybara in South America





Universidad Nacional de Luján

CONAE

Sandra Torrusio

