

Project Update: September 2012

Flights were conducted in January and February 2012 in order to take sequence photos of breeding colonies of fur seal and sea lions (Isla de Lobos and Islet, Torres Islands and Marco Island). From these photos we reconstructed the coastal boundary of the island using Corel.

The photos were analyzed with the software "Otariidae 1.0" (D Sepúlveda; Barthled et al. 2006) to count the total number of individuals per group. In the pictures, we assigned individuals sex and age class (adult, subadult, pups). This analysis are performed twice one for each species and are made by at least two independent observers (to account for error estimation). The population in these breeding colonies is large and therefore we will continue counting. Finally, we will add the number of individuals in each group for all zones in order to estimate the total abundance of both species.

