

The Río Cruces wetland, Valdivia, Chile: An ecosystemic synthesis El humedal del Río Cruces, Valdivia, Chile: Una síntesis ecosistémica

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© 2014, Escuela de Ciencias del Mar. All rights reserved. We review in this article the 2004-2014 scientific information on the Río Cruces wetland ecosystem, Valdivia, Chile. This information is used in the generation of a conceptual ecosystem model, which is used in turn to generate a synthetic hypothesis about the regime shift during 2004/2005. The model is based on the concentration of suspended solids in the wetland as controlling variable, affected by watershed processes (e.g., clear-cut forestry) and re-suspension of sediments in the wetland affected by the presence or absence of macrophytes.