{rokbox title=|Examples of complex networks in living systems :: | thumb=|images/stories/ieo/imagenespublicaciones/quetglasetal_ann_2011_640_thumb.jpg|}images/stories/ieo/imagenespublicaciones/quetglasetal_ann_2011_640.jpg{/rokbox}

Antoni Quetglas, Francesc Ordines and Beatriz Guijarro (2011). **The Use of Artificial Neural Networks (ANNs) in Aquatic Ecology**
- Application, Chi Leung Patrick Hui (Ed.), ISBN: 978-953-307-188-6, InTech, Available from: http://www.intechopen.com/articles/show/title/the-use-of-artificial-neural-networks-anns-in-aquatic-ecology

Abstract: This book covers 27 articles in the applications of artificial neural networks (ANN) in various disciplines which includes business, chemical technology, computing, engineering, environmental science, science and nanotechnology. They modeled the ANN with verification in different areas. They demonstrated that the ANN is very useful model and the ANN could be applied in problem solving and machine learning. This book is suitable for all professionals and scientists in understanding how ANN is applied in various areas.

Keywords: Artificial Neural Networks (ANN), Complex Networks, Aquatic Ecology, Multilayer Perceptron (MLP), Self-Organizing Map (SOM), Review