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EDUCATION

2017 PhD: Land-based on-growing of marine species using Recirculating Aquaculture Systems. AZTI (Spain)
2011 MSc: Aquaculture Systems. University of Stirling – Institute of Aquaculture (Scotland)
2010 MEng: Agronomy Engineering. Universitat de Lleida (Spain)
2007 BEng: Technical Agronomy Engineering. University of Navarra (Spain)

PROFESSIONAL EXPERIENCE

RAS Engineer for HTH engineering & equipment llc, Hiawassee, Georgia, USA
Life Cycle and Energy Assessment Manager and Engineer with HTH aquaMetrics, Getxo, Spain
Business Development and R&D Manager for Meet-energy, Barakaldo, Spain
Coordinator at the International Journal of Developmental Biology, Biscay, Spain
National Students Coordinator for the European Aquaculture Society, Oostende, Belgium
Pilot-Scale RAS Modules Manager for R&D facilities, AZTI - Marine & Food Research Foundation, Spain
External Researcher for the Seafood Watch program at the Monterey Bay Aquarium, California, USA
Erasmus Delegate at Mendel University in Brno (2005-2006) and *Class-Delegate* at 2nd stage of the BEng (2004-2005) and MSc course (2010-2011), Brno, Czech Republic.
Laboratory and Lecturer Assistant at Public University of Navarra, Pamplona, Spain

SELECTED PUBLICATIONS

Badiola, M., Piedrahita, R., Hundley, P., Basurko, O.C. Energy use in Recirculating Aquaculture Systems: A review. *Environmental Science and Technology* (submitted).

Badiola, M., Basurko, O.C., Gabiña, G., Mendiola, D. (2017). Integration of energy audits in Life Cycle Assessment (LCA) methodology to improve the environmental performance assessment of Recirculating Aquaculture Systems (RAS). *Journal of Cleaner Production*, 157, 155-166.

Badiola, M., Gartzia, I., Basurko, O.C., Mendiola, D. (2017). Land-based growth and sensory evaluation of Atlantic salmon (*Salmo salar*): assessing consumers acceptance. *Aquaculture Research*, 1-18, doi:10.1111/are.13289

Badiola, M., Albaum, B., Mendiola, D. (2016). Land based on-growing of Atlantic cod (*Gadus morhua*) using Recirculating Aquaculture System (RAS); a case study from the Basque region (northern Spain). *Aquaculture*, 468, 428-441.

Badiola, M., Mendiola, D., Bostock, J. (2012). Recirculation Aquaculture Systems (RAS) analysis: Main issues on management and future challenges. *Aquacultural Engineering*. 51, 26-35.

Badiola, M., Albaum, B., Mendiola, D. (2014). Recirculating Aquaculture Systems – Global – All Species. Seafood Watch program, Monterey bay Aquarium, California

Hatchery International – Calculating sustainability for RAS: there is still work to be done. 2015.

Hatchery International – Can codfish be grown profitably in RAS? Northern Spain study says yes. 2015.