

Curriculum Vitae

Juliette ALEMANY, PhD student on data-limited stock assessment methods

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Age: 24 years old

Citizenship: French

EDUCATION

- Since 2014** Ph.D. in Fisheries Science, on “Development of a Bayesian framework for data-limited stock assessment methods and proposals of management scenarios. Case study of cuttlefish (*Sepia officinalis*) and pollack (*Pollachius pollachius*)”. French Research Institute for Exploitation of the Sea (IFREMER), Port-en-Bessin, France.
- 2011 – 2014** Education in fisheries science and Master of Agronomy in 2014 (Mention Fisheries Science), Agrocampus ouest (Ecole Nationale Supérieure Agronomique de Rennes), France.
- 2009 – 2011** Two years preparation class (BCPST: biology, chemistry, physics, geology; “Classes préparatoires aux grandes écoles”) leading to French top-ranking higher Agronomy Engineering Schools’ admission exams.
- 2009** ABIBAC (dual qualification: German ABItur and French BACcalauréat) with high distinction.

EXPERIENCE

- 2015** Member of the Working Group on Cephalopod Fisheries and Life History (WCEPH). Update of the stock assessment for the English Channel stock of cuttlefish.
- 2015 (1 week)** Poster presentation at the 30th Lowell Wakefield Fisheries Symposium: “Tools and Strategies for Assessment and Management of Data-Limited Fish Stocks”. Best student poster prize.
- 2015 (2 weeks)** Contribution to the French IBTS scientific survey on the scientific research vessel Thalassa.
- 2014 (1 week)** Participation in the Development of Quantitative Assessment Methodologies Workshop based on Life-history traits, exploitation characteristics, and other relevant parameters for data-limited stocks (WKLIFE IV) in Lisbon.
- 2014 (6 months)** Research internship at the French electric utility company (EDF), in the laboratory of environmental research in Paris. Analyzed the effect of hydroelectric schemes and biotic and abiotic factors on the movement of resident brown trout at early life stages. Final report was used to produce an official EDF report.

- 2013 (2 weeks)** Internship on a trawler in Sète, France. Contribution to the juvenile Elasmobranchs evaluation project with IFREMER.
- 2012 – 2013 (3 months)** Research internship at ECIM, a research laboratory in marine biology in Las Cruces, Chile. Developed a research project on the effect of *Lessonia* on *Corallina crustosa* and *Fissurella sp.*; carried out field and laboratory experiments autonomously, analyzed statistical results, wrote the report in English and made oral presentations in English and Spanish.
- 2012 (2 months)** Internship at the veterinary clinic Eurovet in Spain. Wrote articles in French, English, German and Spanish. In charge of on-line communication, marketing, webdesign. Wrote a report on the economic analysis of the firm.

RESPONSIBILITIES

- 2015 (2 months)** Master student mentor.
- 2012 – 2013 (2 years)** AQUABIODIV' organization chairman. Proposed the reshaping of a natural watercourse to improve trout migration. Carried out electric fishing and statistical study based on a method to evaluate ground oxygenation. Wrote a final report for a French Angling Association (AAPPMA).
- 2012 – 2013 (3 months)** Undergraduate student mentor.

SKILLS

Ability to conduct advanced statistical analysis and modeling. Quick learner and efficient worker. Adapted to living abroad, to work autonomously and to show a spirit of initiative and creativity. Great skills of social integration and strong oral communication skills. Fluent in English, French, German and Spanish.