

Graduated environmental economist from the AgroParisTech, France's leading school in the environment

PROFESSIONAL EXPERIENCES

- 2010-2013** **PhD at the UMR AMURE**, joint research unit **Brest University / Ifremer**
"Natural capital as a decision tool in support of sustainable development: application to Marine Protected Areas with New Caledonian and Australian case studies."
- 2010** **Paper/Oral presentation at the OPDE (Outils Pour Décider Ensemble) 2010 conference**
« Représentation et formalisation des connaissances sur les interactions entre les modalités de décision et la gouvernance des Aires Marines Protégées : application des Réseaux Bayésiens et des Jeux de Rôles en milieu insulaire ».
FERRARIS Jocelyne, Christian CHABOUD, Jean-Baptiste MARRE, Moana BADIE, Aurélie THOMASSIN
- 2010** **Paper/Oral presentation at the ICES (International Council for the Exploration of the Sea) Annual Science Conference 2010**
'Using Bayesian Network modelling to cope with the Marine Protected Areas governance issue'
Marre J.B., Ferraris J., Badie M., Leenhardt P., Wuillemain P.H. & Chaboud C.
- 2010**
1 month Participation to a **macroeconomic study for the World Bank** as a consultant for the economic research centre of the Mines ParisTech school (CERNA)
- **Costs of Environmental Degradation and Genuine Savings in Madagascar**, part of the Country Environmental Analysis
- 2010**
8 months **Study engineer** at the IRD (Institut de Recherche pour le Développement)
- **Research work** within the GAIUS research program on **the use of Bayesian Network modelling in order to cope with the Marine Protected Areas governance issue**, based on six case studies (three Mediterranean and three tropical Marine Protected Areas)
- 2010** **Presentation in a seminar** at the **UMR Amure (Centre for the Law and Economics of the sea)**
'Green national accounts theory and sustainable growth: dealing with natural capital specificities. Application and review of the World Bank theoretical framework'
- 2009**
6 months **Final course internship** at the **CERNA**, the economic research centre of the Mines ParisTech school
- Achievement of a **macroeconomic study for the World Bank**: natural capital and sustainable growth of the Central African Republic
- **Master thesis: Green national accounts theory and sustainable growth, dealing with natural capital specificities (non linearity, resilience and uncertainty)**
- 2008-2009**
3 months Participation to the Environmental assessment report for the 4th nitrate plan of action in the Essonne region: environmental impact assessment of nitrates pollutions before and after the plan
- 2008**
6 months **Internship** in the Siberut Conservation Project, Mentawai archipelago, Siberut Island
- Study of new sustainable commercial opportunities and market integration in North Siberut: Fair-trade implementation and ecotourism
- 2007**
6 months **Internship** in the Aquatica KK **aquarium** on the Borneo Island (Malaysian part)
- Achievement of a **research project concerning artificial multiplication of corallimorphs**
- 2006**
2 months Project Initiation in industrial biotransformation. Valorisation project of biomass by-products after hydro distillation: creation of natural incense
- 2005-2006** 5-week internship on a farm cultivating cereal

EDUCATIONAL BACKGROUND

- 2005-2009** **AgroParisTech**, the life science branch of ParisTech: the Paris consortium of ten foremost master's level schools, Paris centre (ex-INA-PG). **Master degree in Economy of Sustainable Development, Environment and Energy, awarded with honours.** Valuable knowledge in:
- Agronomy
 - Micro and macroeconomy, economic calculus, statistics
 - Ecosystem and natural environment management (public and private sphere)
 - Economy of natural resources and economy of climatic change
- 2003-2005** **"Preparatory classes"** at the Lycée Sainte-Geneviève in Versailles: **post-secondary program preparing the national entrance exams for the selective « Grandes écoles »**, intensive coursework in Biology, Mathematics, Physics and Chemistry
- 2003** "Lycée Marceau", Chartres, **Scientific baccalauréat** (secondary school leaving diploma), **awarded with high honours**

LANGUAGES AND OTHER SKILLS

English	Fluent (TOEIC in 2009, score 965/990)
German	Working knowledge
Spanish	Basic
Indonesian	Conversational (Good oral comprehension)
Computer skills	Office, Visual Basic, SAS, Matlab, C++
Driving Licence	From 2004

LEISURE

Sports	Rock climbing, Scuba diving: PADI Rescue diver (around 200 dives)
Travels, expeditions	