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Biologist, with extensive and practical experience in shrimp & tilapia aquafarm management and with knowledge in business administration is offering his service as an international consultant.

EMPLOYMENT HISTORY

- **2006–2007 Free Lance Consultant**
 - ✓ **Technical advices** to improve profitability and sustainability of a brackish water extensive aqua farm (polyculture of *P. monodon* with mudcrab and milkfish) in Philippines for E.D. Aquafarm, Tagbon (Calasuche), Milagros, Masbate Island.
 - ✓ **Feasibility study** for an **inland intensive shrimp farming** project in Nigeria for Sulalanka Nigeria Ltd.
 - ✓ Assisting private investor for a **fish farming project** in Mali: site selection, feasibility study. Cage culture of Clarias and Tilapia.
 - ✓ **Project formulation mission for a fisheries and aquaculture development project in Katanga, Democratic Republic of Congo**, for the BTCCTB (Belgian Technical Cooperation). Team leader for Afford International Consulting: Feasibility study, Logical Framework, Technical Financial Dossier drafting
 - ✓ **Accredited Certifier for the Aquaculture Certification Council (ACC)**. Inspection of SyAqua, El Desierto Hatchery in Bahía de Kino, Hermosillo, Mexico and SyAqua, Mazatlan 1 & 2 Hatcheries in Mazatlan, Mexico. Certifying best practices for responsible aquaculture.
- **2003 – 2005 Farm Manager** of the INDUSTRIA NACIONAL AGROPESQUERA SA's Shrimp Farm (110 Has); *Dominican Republic*. Operational, technical and production management.
 - ✓ Responsible for the production. Increase of the annual production from 800.000 (in 2002) to 1'200.000 pounds (2004)
 - ✓ In charge of the farm management (\pm 100 workers between fixed and day laborers), organizing, supervising operations
 - ✓ Purchasing administration, planning and ordering the shrimp food, staff payment control and warehouse organization
- **2002 Project Manager Assistant** for TRANS-GLOBAL AQUACULTURE, LLC (Tampa, Florida, USA). Construction of a shrimp farm and a hatchery in *Jamaica*
 - ✓ Planning and technical supervision of the construction
 - ✓ Local staff training
- **2001 – 2002 Production Manager** of the shrimp farm GAMBALIT (225 Has), *Ecuador*.
 - ✓ Relaunching of the shrimp production after a virus outbreak
 - ✓ Development of the production plans and expenditure and of the production strategy
 - ✓ Eel grow-out in ponds
- **2000–2001 Aquaculture Consultant** Founding associate of www.noe-aquaculture.com
 - ✓ Consultancy mission to French Polynesia in Tahaa; site selection, feasibility and local market study for DYNVIC. Site selection, pre-feasibility and local market study for a shrimp, tilapia and barramundi project

- ✓ Responsible for starting up and technical-production management of the shrimp farm NARTIMA (140 has) owned by the Danish group ECPOMAR located in El Morro, Guayas (Ecuador). Shrimp culture in hypersalinity and white spot virus environment.
- **1999 In charge of Production**, responsible for the ponds and crops management in the shrimp farm GAMBALIT (220 Has) *Ecuador*
 - ✓ Organizing personnel, work and data from the culture.
 - ✓ Production management (pond management, feeding calculation, treatments, fertilization, sampling...)
 - ✓ Acclimating and stocking of shrimp post-larvae.
 - ✓ Quality control of fresh product before harvests (off flavor, texture).
 - ✓ Implementing a laboratory (pathology, algae...).
 - ✓ Planning prevention for White Spot Syndrome Virus.
- **1998 Technical Adviser** for the shrimp farm PIMACA (270 Has) in *Ecuador*. Polyculture Tilapia - Shrimps. Study of the problems of shrimp culture in low salinities water
 - ✓ Recommendations to improve water management, ponds preparation and to set up a laboratory.
 - ✓ Observation of the group's hatchery activities (60'000.000 pl's/month).
 - ✓ Starting a maturation unit (1.500 breeders) for nauplii production.
- **1992 – 1998 Technical Consultant**, employed by the "Asociación de Piscicultores de Zamora Chinchipe" - *Ecuador* in association with the Technical Development Agency of Belgium, Ecuador: development and diversification of rural fishfarming
 - ✓ Supervision of tilapia culture and farm management
 - ✓ Support to the administration and economic organization of the farm
 - ✓ Training of the local team
 - ✓ Transfer of technology developed in the center to others farmer's organizations in the province
 - ✓ Creation of successful proposals for various funding requests
 - ✓ Production of other fish species (Carp and Cachama)
 - ✓ Production of Redclaw crawfish in polyculture with tilapia
- **1989 – 1992 Project Manager**, employee by the European NGO Tilapia Food Aid Organization. Creation of a Fish-Culture Center with the purpose to promote rural aquaculture and to provide the local population with affordable animal protein in *Ecuador*.
 - ✓ Technical direction of the tilapia farm building
 - ✓ Responsible for creation of the center.
 - ✓ In charge of training the local counterpart.
- **1987 – 1988 NATO Officer**. Second Lieutenant of the battalion in charge of telecommunication for the Staff Head Quarter of the Belgian Force in *Germany* (platoon commander, 50 men, 25 vehicles)
- **1987 Mission of Observation** in Quebec (in collaboration with the Ministry of Agriculture, Fisheries and Food, *Canada*)
 - ✓ Cold water fish-culture techniques
 - ✓ Study of the conservation and re-introduction problems of the Atlantic Salmon
 - ✓ Making contacts to organize scientific and commercial cooperation between Quebec (Canada) and Wallonia (Belgium) (technological exchanges)
- **1986 – 1987 Research worker**. Training in intensive warm-water fish culture in the experimental aquaculture center of the University of Liège – *Belgium* and the intensive commercial fish farm PISCIMEUSE of GABRIEL group
 - ✓ Artificial reproduction, fingerlings production and farming of various species
 - ✓ Production of monosex populations of tilapias
 - ✓ Technical training in the commercial culture of the Tilapia in intensive aquaculture, applied in a commercial fish-farm

EDUCATION & TRAINING

- **2006 Accredited Certifier Certificate.** ACC certifier number 11210. Aquaculture Certification Council, Inc. (ACC) certifier's course, Hermosillo, Mexico.
- **2006 Seafood HACCP Training Workshop** based on HACCP Alliance Course Material, Hermosillo, Mexico.
- **2006 Management and Practical Business Administration.** Bruxelles Formation & Optimum Management (CAP Innove - Solvay Business Scholl Partner), *Belgium* consisting in a 350-hour practical course (based on case studies) about all the basic knowledge necessary to be part of a management team: accountancy, taxation, financial management, strategy, business administration, team recruitment and building, purchasing and stock management, commercial and sales techniques, negotiations, marketing, market study, business planning.
- **2005 The Logical Framework Matrix in the Project Cycle Management.** Formulation and planning projects. Acodev/MDF, *Belgium*
- **1999 – 2002** Various sporadic **technical courses** about: "inland" shrimp farming, polyculture of tilapias and shrimps, recirculation systems, tilapia farming, genetic selection and broodstock production, redclaw culture.
- **1999** Graduate in **Aquaculture Projects Management** at the Jefferson International University - *Ecuador*
- **1993** International Course of **Artemia & larviculture techniques** organized by the References Center of Artémia of Gent University (Belgium) and CENAIM - *Ecuador*
- **1989** Post-graduate studies in **Water Management**; FUL - Arlon; *Belgium*
- **1987-1988** Complementary courses in freshwater ecology, aquariology, pisciculture and fisheries management at the University of Liege, *Belgium*
- **1985 M.Sc in Zoology** at the University of Liege, *Belgium* (second cycle; 2 years)
- **1983 B.Sc in Biology** at the University of Liege, *Belgium* (first cycle; 2 years)

LANGUAGES

Bilingual **Spanish French**. Good knowledge of **English** and basics of **Portuguese**

COMPUTER SKILLS

PC proficiency, versed in Ms Windows, Ms Word, Ms Excel, Ms Outlook, Ms PowerPoint, Ms Project and web ones like FTP (FTP-commander) and HTML (Dreamweaver). Web site design.

PERSONAL DETAILS

Belgian, born on September 10, 1961.
Married with an Ecuadorian, 3 children
Driving license (C)
References sent on request