CURRICULUM VITAE

 Personal information

Surname Negroni

First name Gianluigi

Date of birth 14-09-58

Place of birth Bologna, Italy

Nationality Italian

Marital status Single

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Mother tongue Italian

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Languages Advanced Mid-level Beginner

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Speech English Portuguese Russian, Arab

 French, Spanish Thai\Lao, Romanian,
 Tagalog

Reading English

 French

 Spanish
 Portuguese

Writing English

 French, Portuguese

 Spanish

 Membership association

Member of the Animal Science Association of Italy (ADSPA)

Member of the European Aquaculture Society (EAS)

Member of the World Aquaculture Society (WAS)

Member of the Italian Professional Roll of the non-graduated agronomist

Member of the Italian Society of tropical veterinary (SIVTRO)

Member of the International Game Fish Association (IGFA)

Member of the Network of Tropical Fisheries Scientists (NTFS)and Tropical Aquaculture Scientist at ICLARAM (NTQS)

Member of American Society of Agriculture and Biological Engineers ASABE)

Member of the International Association of Fish Inspectors (IAFA)
Member of International Seafood Association

Member of LEGA Pesca, Aquaculture & Fishery Cooperative society association of Italy

 Professional Expertise

- Project creation, evaluation, planning, construction, and management for fish feed mill, aquaculture, fishery processing/ production, processing farms and gross and retail markets for fioshery products; management capabilities for the above enterprises

- Owner of 6 Ha agriculture farms for cereal and leguminous production in Nort East Italy

- Director and Team leader for different size projects in Italy and third countries for large, micro, and SMEs in the feed mill, fishery and aquaculture value chains.

- Expert in fish/crustacean aquaculture, feed technologies, feed markets, fish and feed marketing plan

- International technology expert for Aquaculture/Agriculture/ Zoothecnical farm manager (shrimp, finfish marine and freshwater, integrated aquaculture, mariculture, animal production), aquaculture feed production and processing

- Ability to run an international organization, a cluster of the project offices, and business representatives

- Diplomacy experience working and managing international
 organizations in third countries

- Expert in project preparation, evaluation, execution preparation
 of log-frames for public and private business.
- Agriculture, Aquaculture, and artisanal fishery international
 expert for private business development for fishery &
 aquaculture value chain

- Expert in fishery/aquaculture value chain policy, strategic planning, action plan, aquaculture development, aquaculture action plan, and management.

- Expert in assessment, project, and management of fish/agriculture value chain and market.

- Livelihood, agriculture & aquaculture, and food security expert

- Expert in fish culture and capturing climate change and resilience to climate change expertise for inland and coastal communities

- SMEs development for third-country states

- Aquaculture\Artisanal fishery freshwater and marine water expert
 with large practice in Blue Economy

- Long-time experience in knowledge exchange, TVET specialised training, extension services, rural development, value chain development, and co-management
 expert

- Socio-economic expert for marine & rural communities and Blue Economy

- Monitoring & evaluation and due diligence for international
 private and state projects for different donors (WB, EU, Italian
 Foreigner affair Ministry and others)

- Rapid Fishery/Aquaculture/Rural Appraisal, Participatory Rapid
 Fishery/Aquaculture/Rural Appraisal techniques, particularly for
 artisanal fishery communities, integrated coastal zone
 management

- Fishery, aquaculture, and fish processing microcredit schemes

- Development of artisanal fishery\aquaculture business plan and
 feasibility studies

- Fish cum animal integrated system; rice cum fish integrated
 the system, by-product recycling, integrated aquaculture
- Sustainable fishery expert (FAO Code of Conduct of sustainable
 Fishery and Aquaculture)
- Advisor for fishery\aquaculture policymaker of the third country
 to develop new fishery legislation and local ministerial
 authorities to be harmonised with international standards
- Fishery, aquaculture, processing technologist, fish and feed
 processing/ marketing, best aquaculture\artisanal fishery
 practices expert, fish and feed food safety and quality systems
 (HACCP and GMP, ISO families standard systems including ISO
 14000 and ISO 22000, Global GAP, BRC and other private
 standards)
 for fishery/aquaculture value chain industries and governmental
 Competent Authorities
- Organisation of government fishery bodies to quality system
 monitoring for accreditation to EU export (SPS, Best Practices,
 HACCP and GLP monitoring system) related to EU Food Safety
 Package on Fishery Products and related EU legislation

- Long experience in fishery & aquaculture market projects,
 construction, management for the first sale, gross, wholesale
 and retail system.
- Expert in environmental conservation and rehabilitation of
 swamp, humid, saline, riverine, coral, estuarine, and coastal
 areas, Integrated Coastal Management, Marine Protected Areas (creation and sustainable management), constructed wetlands, and depuration systems for sustainable aquaculture.
- Agriculture, aquaponics, aquaculture, and fishery feasibility study/business plan and Public-Private Partnership, R & D experience.
- Fishery and mariculture training expert and producer of training
 course material (paper, presentation, video, video slide). Training Concept booklet producer about Training of trainers (ToT) and training.

- Aquaculture, feed mill, and processing farm equipment specialist: cage, aerator, feeder, oxygenator, destratification machinery, and other equipment as cold storage and processing equipment
- Fish farm production and processing construction and management.

- Fish cage and mooring project capabilities for large and small farms for marine and freshwater aquatic animals
- Deep knowledge of the EU, and Cambodian government project management and financial rules and regulations

- Specialised work on Guinea Bissau and Mekong River Basin dam for the fish farming impact on the fish ecology of the interesting areas with key ecosystem service and in parallel with environmental. Particularly fish. GIS calculation, zoning, and mapping were organised with the above data.

 Field experience in the following Countries

Algeria, Tunisia, Morocco, Egypt, Lebanon, Syria, Kuwait, Dubai, Niger, Nigeria, Benin, Togo, Congo Brazzaville, Sao Tomè, Malawi, Zambia, Angola, Namibia, South Africa, Somaliland, Kenya, Tanzania, Seychelles, Uganda, Guinea Bissau, Sierra Leone, Eritrea, Canada, U.S.A., Japan, The Netherlands, Seychelles, Gabon, Ethiopia, Eritrea, Somalia, Yemen, Djibouti, Guinea Bissau, Senegal, Italy, French, Spain, Germany, Norway, Denmark, UK, Mozambique, Dominican Republic, Jamaica, Cuba, Guyana (Georgetown), Belize, Nicaragua, Costa Rica, San Salvador, Brazil, Argentina, Mexico, Hong-Kong, China, Singapore, Malaysia, Philippines, Thailand, Cambodia, Vietnam, Indonesia, Lao PDR, Timor Leste, Papua New Guinea, Hungary, Romania, Czech Republic, Albania, Croatia, Slovenia, Kosovo, Montenegro, Bosnia, Serbia, Macedonia, Greece, Turkey, Kazakhstan, Turkmenistan, Russia, Azerbaijan, Iran.

Education

- 1985 - University of Bologna, Italy.

 Graduated in Animal Science with a thesis on some

 applications for the appropriate technologies in

 developing countries: freshwater/marine aquaculture, fish
 processing, aquaculture equipment, construction of
 coverings for the relief of animal stress in the
 tropical climates; Formal qualification: M.Sc.

- 1984 - 6-month Foundation Course at the Brace Research

 Institute of the McGill University, Montreal,

 Canada.

 Special fields of study: zootechnics, feed sciences, food
 safety, appropriate technologies construction and
 renewable sources of energy, fishery/aquaculture. Field
 experiments

 on solar and wind power, application of biomass

 fermentation system, bio-climatic construction

 techniques and stabilized soil-block techniques.

- 1980 - Agronomics Secondary School, Bologna, Italy

 Formal qualification: College

- 1979 - Scientific Secondary School, Bologna, Italy

 Formal qualification: College

Post-graduate activities

1. Participation in training courses in 'Orientation cum training program on improving income and employment of rice farming system', for the program 'Prosperity through rice', at the International Rice Research Institute (I.R.R.I.), Los Banos, The Philippines, January-February 1986.
2. Ten days intensive courses (two times) in crustacean farming Penaeus sp and Scylla sp) bivalve mollusk, marine invertebrate (Holoturia sp), and animal cum fish integrated system at the South-East Asian Fisheries Development Centre (S.E.A.F.D.E.C.), Tiguan, Ilo-ilo, The Philippines, 1986 and 2016.
3. Participating in a two-week course in 'The problems related to the Saheli rural development', Saheli Research and Documentation center, Italian-African Institute, Rome, Italy,1984
4. Three-day course in design engineering techniques for the developing countries, C.O.S.P.E., Florence, Italy, 1986.
5. Twelve months grant for “Economics and international finance” for the International Business School Master's Degree, at the S.I.N.N.E.A., Bologna, Italy, 1985.
6. Two-week course in 'Computer techniques, Company Management' and 'Breeding of Wild Ungulate', C.E.F.A., Bologna, Italy, 1987.
7. Dr. De Bono lateral thinking course, Bologna, Italy, Chamber of Commerce, 2004

8 Mediator course practical training for the Italian court, Periti Agrari Italian Association, 2010

9 Buhler and CREDO international courses for extruded fish feed processing

10 Auditor for Marine Trust fish meal, oil plants, and feed mill Chain of Custody approval

Assistance/collaboration with University Institutes and Local Bodies

A. Collaboration with Lega Pesca/Halieus for international
 fishery/aquaculture/processing evaluation for community
 projects for Blue Economy and MPA and pond management.

B. Responsible for overseas operations for fishery, agriculture
 and aquaculture since 1986 of Alveo Co-operative society (an
 environmental company, www.alveo.coop)
 including M & E, Blue Economy, Marine Protected Areas
 creation and fish farm (pond) management

C. Associate for zero carbon footprint agro-aquaculture project
 per Sun Life Holding, a solar company, since 2010

D. Responsible for fishery/aquaculture value chain operation and evaluation for Al Farae company in Yemen since 2009 including Monitoring & Evaluation, MPA and fish feed mill

E. Responsible for import and the fish quality system and marketing/import/export of fishery products for “Nero di Fumo LTD” and “San Benedetto LTD” based in EU and “Eurobrokers LTD” based in Ho Chi Min City / Vietnam-Senegal-Mauritania-Guinea Bissau. Continuous quality Monitoring & Evaluation of all the pond production and fisheries products imported containers for EU countries for sustainable fishery. Production of biological fresh mussels from Conero Marine Reserve for San Benedetto srl

F. Responsible for organic aquaculture and sustainable fishery certification systems of “Suolo e Salute” a leading international biological certification body in Italy and M & E of the aquaculture biological standard

G. Collaboration in the aquaculture and fishery areas for the fundraising and lobbying activities with Eurodialogue in Bruxelles

H. Worked with the highly specialized sellers “Aquamarine Biofauna”, and Aquatrade to sell aquaculture equipment, cages, and hatchery feed

I. Activities in synergy with Buhler International for the project and marketing of aqua-feed mill and aqua-feed equipment

M. Activities in synergy with Pro-Logic Srl for the aquaculture, feed mill, and fish processing machinery for the processing industry.

o. Hands-on and practical experiences in the artisanal fishery and aquaculture sector (pond management and related software) and work with the field operator to manage aquaculture, fishery operations also in side the MPAs

p. Work in the artisanal fish feed mill and feed mill consultancies

q. Environmental responsible of Encenada Beach in Batangas Philippines

Participation in meetings and seminars

- Verona Aquaculture 1990,1992, 1996

- I.C.L.A.R.A.M./G.T.Z./Un. of Malawi meeting at Zomba 1991
 (Malawi), Presented paper on Energy and aquaculture

- Bordeaux Aquaculture 1992 and 1994 (France)

- World aquaculture Society meeting at Orlando 1992

- Aqua-Nor 1995 (Norway)

- Conferenza sulla Cooperazione Internazionale allo sviluppo

 rurale 1996 Bologna - Italy
- Technofrog ’97, Santos 1997, Brazil
- Eastfish conference, Budapest 1997, Hungary

- GIS in aquaculture, Bangkok 1997, Thailand
- Delta chiama delta conference, Comacchio (Italy), 1998

- Fish chain, Kavala (Greece), 2000

- Bremen Fishery, 2000 and 2002

- WAS meeting, Bahia, Brazil 2003

- EIMA 2000\1\2\3\4\8 Bologna, Italy

- Regional Forum on West Africa Coastal and Marine Zone, Guinea
 Bissau, Bissau 2009

- Biofach 2010

- Coral Triangle Initative 2010

- Marca 2011

- Expopesca Peru 2008, 2011

- AquaFeed, San Jose Costa Rica 2012
- Seafood Expo 2017 – Bruxelles
- Seafood Barcellona - 2024

- Cesenatico – La Pesca Sostenible diventa realtà – CAAB 2024

- Small scale Fishery Summit – Tanzania 2024

Some short term consultancy

Date and length: 2024, 20 days, Call for Proposal for Blue Economy

 Location: Tanzania – Daar es Salaam, Zanzibar, Mafia

 Client: European Union office in Daar es Salaam

Event: Writing the Call for Proposal for Strengthening INTPA’s capacities to integrate Blue Economy in relevant programs and policies. Preparation of project activities for governance, landing site, marine pond management, marine aquaculture and coastal agriculture with details for the international bid. Visit to the main landing sited and fishery Ministry in Zanzibar and Tanzania.

Date and length: 2023-2024,3 mission 3 months and online, National Aquaculture and Fishery Company (NAFC) and National Food Safety Authority (NFSA)Location: Egypt, Port Said

Client: Italian Embassy – Italian Cooperation and TAIB USAID project

Event: A) Assessment of the large aquaculture and fishery NAFC to propose the production of cheap feed and the revamping of their structures in land (5.000 Ha of ponds) and processing activities and of the 100 offshore cage marine farms. 2.000 pond (shrimp, tilapia, sea bass and bream) direct management proposal
B) Assessment of the no conformities of the National Food Safety Authority and processing companies of the Egyptian fishery food safety system. Training and on-the-job training of the challenges, and proposal for the mitigation measures to be accredited to the EU countries export. Accreditation was provided by the EU Fishery Veterinary Officers.

Date and length: 2023, 3 months and online 2024, FAO TCP SGB 3901 for FAO

Location: Guinea Bissau – Bissau, Buba and all the coastline

Client: FAO

Event: Development of the aquaculture area of FAO TCP in the inland and coastal part (mangrove area) and sea of Guinea Bissau. Practical training of all available fish farmers in Guinea Bissau with the Training Concept principles for seeds and feed. Farm and pond management practical application in the field. Planning for a larger aquaculture project with additional training. Selection of best aquaculture areas at sea and at land sites for future development of fish farms in ponds and cages. Organisation of feasibility studies of a dozen of fish farms in GW.

Date and length: 2022/2023/2024, 24 months, PESCA mission for EU

 Location: Uganda - Entebbe

 Client: Date and length: 2021/2022, 12 months,

Event: Team Leader of PESCA project that includes the construction of two Aquaparks and five lots contracts about feed, pond management, genetics, GIS and aquaculture electronic platform for the development of the aquaculture value chain.

Date and length: 2023, 1 months, INIPO

 Location: Guinea Bissau - Bissau

 Client: INIPO Ministry of fishery and maritime economy

 Event: Development of the material to accredit the GB INIPO (GW Competent Authority) to export fishery products to the EU member states.

Date and length: 2023 and 2024, 4 months,

 Location: Egypt

 Client: TAIB USAID project and NFSA (National Food Safety
 Authorities)

 Event: Development of the procedures to be accredited to export fishery products to the EU member states and the visits to the proposed fishery processing factories for the assessment of their food safety nonconformities. Fishery market rules and regulation.

3
Date and length: 2022, 3 months

 Location: Jamaica

 Client: Ministry of Agriculture, Fishery and Tourism
 sponsored by the WB project, PCCR (Promoting
 Community-based Climate Resilience)

 Event: Assessment of the aquaculture and feed production, develop a strategy and action plan for the feed aquaculture production in Jamaica. Practical sustainable feed production with local by-products. Feed mill project provided. Use of available local by-products and their industrial standardisation. Ecological diets produced with local by-products were proposed and tested with circular economy principles with specific pond management system.

Date and length: 2021/2022, 5 months, Frog farming responsible

 Location: Cambodia

 Client: Ministry of Fishery, AFD (French Development
 Agency), CAPFISH AQUA project

 Event: Assessment of the FARDeC (Freshwater Aquaculture Research Centre), development of the frog farming hatchery feasibility study, frog farming reproduction protocol for the national breeding centre, and practical training on the above. Preparation of the strategic plan and action plan for the frog farming and fishery in Cambodia. Proposal of pilot frog project following the EU (PRAG) and CAPFISH Aqua (MAF) rules and regulations. Frog feed mill organisation and three trining session on frog farming. Frog tank management in the field with the farmers.

Date and length: 2021, 1 month, aquaculture and fishery value
 chain studies coordinator

 Location: Turkey and remote

 Client: EU sponsor and ANKE ltd

 Event: Trout value chain and anchovy value chain study,
 training of the stakeholders, future strategic
 activities for the trout farming and fishery
 sector. Fish meal processing plant project.

Date and length: 2021, 1 month, marine aquaculture specialist

 Location: Egypt (Alexandria, Cairo, Port Said, Fanara)

 Client: AFD – French Development Agency

 Event: SASME project assessment and evaluation for the
 marine aquaculture Component 3b following the EU
 PRAG rules. Assessment of the hatchery and
 fishery market project in Alexandria and Cairo.

Date and length: 2020, 2021, and 2022, 4 months, Team Leader

 Location: Somaliland

 Client: Somaliland Development Fund 2

 Event: Rapid Fisheries Sector Assessment(RFSA)for
 Sanaag region. Writing of Sanaag region fishery
 strategic planning for the fishery value chain.
 feasibility study and project proposal. List of
 Selection of equipment for procurement with
 indicative prices and origin. The project
 respected the SFD internal management and
 financial rules. Procurement plan for the project
 fishery and processing equipment.

Date and length: 1 month, ongoing Team Leader EU

 Location: Georgia, online

 Client: Online

 Event: Aquaculture food and feed safety training
 according to the EU aquaculture food safety
 package.

Date and length: 2018/19/20/21, 20 months, Fishery/aquaculture
 value chain Team Leader

 Location: Angola

 Client: EU and Ministry of the fishery, Ministry of

 The commerce of Angola, Association of
 Entrepreneurs, PRODESI Project

 Event: Rapid Fisheries Sector Assessment (RFSA),
 aquaculture/fishery/salt production strategic
 planning and action plan for PRODESI. Design for
 some project proposals and roadmap for
 the increase of aquaculture, artisanal and
 industrial fishery, fishery processing, and salt
 production sector diversification and value

 chain. Evaluation of industrial aquaculture
 and aquaculture feed mill investment of the
 country for PRODESI financing according with
 Angola government financial system.

Date and length: 2019/2020, 10 months,

 Location: Ethiopia Lake Tana

 Client: UNIDO

 Event: UNIDO project to develop the aquaculture value chain: aquaculture, fish feed industry, aquaculture eco-tourism (sustainable MPA for Lake Tana) organisation , net making and repairing, and aquaculture processing/marketing on Lake Tana Basin. Training of trainers and training of 220 trainees. Practical field training for aquaculture for the trainees. The organization of small-scale financial support for the fish farmer and fish feed mill of the Lake Tana region. Aquaculture, fishery, and processing value chain strategic plan for Lake Tana basin. Special practical work on the production of water hyacinth fish feed and direct pond management..

Date and length: 2019/2020, 11 months,

 Location: Mozambique

 Client: EU financing institution TRADE COM program,
 Pescares and HCL, Mr. Nick Craze

 Event: TL of 4 consultants to develop the fishery, aquaculture food safety strategic planning for Mozambique. Development of the fishery and aquaculture food safety guidelines, production of 7 technical manuals particularly directed to aquaculture and aquaculture feed production, ice production, food safety for processors, artisanal fishery, and artisanal fish farmers in Mozambique. Practical training on the above. Fish and fish feed marketing studies and guidelines and real production at a small scale for the development of the fishery and aquaculture value chain on Mozambique inland and marine production.

Date and length: 2018, 3 months

 Location: Tanzania, Kipili (Tanganika region), Rufku region

 Client: AGC 98 consulting firm, Dr. Claudio Serangeli

 Event: Feasibility study for an integrated fish farm
 for Tanganika Lake region, including hatchery-
 nursery-feed mill-processing and trading of the

 produced fish (Tilapia and catfishes. Strategic
 planning and action plan for the activities of
 the Benedictine sanctuary influenced areas.

Date and length: 2018, 1 month

 Location: Peru

 Client: PNIPA, World Bank

 Event: Evaluation of 10 aquaculture and fishery project
 for private financing with the PNIPA revolving
 fund.5 projects were on fish feed production with
 local components.

Date and length: 2018, 5 months, Team Leader

 Location: Grenada and the Dominican Republic

 Client: GEF, IGFA, FAO, and Conservation International

 Event: Study on the billfish’s mercury content with
 field sampling and interviews in Grenada and
 The Dominican Republic. Scientifically study on
 mercury impact on the local billfishes consumers
 populatio1n. Billfishes Marine Protected Areas
 assessment and management plan. Training of local
 collaborators for the sampling and fishery
 quality system and use of fishery by-products for
 fish feed. The above was for game fish and
 exports. Suggestions for the fishery strategic
 planning for billfish conservation for IGFA
 (International Fish Farming Association.

Date and length: 2017/2018, 5 months, Team Leader

 Location: Angola, inland and coastal fishery

 Client: EU and Ministry of the fishery, Ministry of
 the commerce of Angola, Association of
 Entrepreneurs

 Event: "Estudo de Mercado sobre os Productos da Pesca na
 República de Angola e o seu potencial
 exportador”, Team Leader in Rapid Fisheries
 Sector Assessment (RFSA) and design for some
 project proposals and roadmap for
 the increase of artisanal and industrial fishery
 sector diversification and value chain analysis.
 Detail on fish flow production for the national
 fish feed production for national, regional and
 international markets. Strategic planning for the
 fishery and aquaculture value chain for Angola
 presented to the Minister of commerce.

Date and length: 2017-2018, 4 months

 Location: Turkmenistan

 Client: EU and Turkmenistan Association of Entrepreneurs
 and Industrialist

 Event: 3 short-term consultancies for SARD 3 project, workshop, and training for aquaculture engineering, fish reproduction, and fish feed production. Catfish practical artificial reproduction for Byat fish farm hatchery. Farm water and feed analysis, practical fieldwork on feed production. Proposal for strategic planning for Turkmenistan aquaculture activities.

Date and length: 2017, 3 months

 Location: Jamaica, visit all country

 Client: GEF, World Bank and Fishery Division of Ministry
 of Agriculture and Fishery. PCCR (Promoting
 Community-based Climate Resilience)

 Event: Rapid Fisheries Sector Assessment (RFSA) and
 design for the 5 USD million project, Livelihoods
 diversification and value chain
 specialist promoting community-based climate
 resilience in the fishery sector project Pilot
 Program for Climate Resilience (PPCR). All the
 fishery/aquaculture production chain was included
 for the small-scale sector including the marine
 and freshwater cage sector Invertebrate fishery
 survey.A plan for the migratory fish was included
 for the heavy metal control particularly for
 methylmercury.
 Monitoring & Evaluation system designed for the
 fa future project, strategic planning and action
 plan for the fishery and aquaculture value chain
 PCCR project. MPAs sustainable system was
 planned.

Date and length: 2016, 3 months
 Location: Uganda and Namibia, visit all country
 Client: EU Delegation donor, ARSO and UNECE partners and
 all the fishery value chain as beneficiaries.

 Event: Team Leader of ACP EU TBT Programme – 090-16,
 Training for evaluation for Regulatory
 authorities, Business and
 communities of the ARSO Members from EAC and SADC
 on Risk Management in Regulatory Frameworks:
 Towards a Better Management of Risks. Fast
 fishery survey and preparation of Participatory
 Fishery action plan for Namibia e Uganda. The
 aquaculture/fishery production and processing
 the sector was deeply studied. Monitoring &
 Evaluation system designed for the future
 project. Freshwater cage systems were evaluated
 for lake Victoria including a sanitary system
 for heavy metal.

Date and length: 2016, 4 months
 Location: Cambodia, visit all country
 Client: EU Delegation donor, AFD (French Development
 Agency) executing agency,
 beneficiary MAFF and Fishery Administration

 Event: Team Leader of the study: Feasibility study of
 CAPFish-Aqua program for 9 results. Result 6
 was on Fishery/aquaculture/processing food safety
 Competent private sector and Authority
 organization. Activities for 9 CAPFish results
 prepared and discussed with all stakeholders: farm inputs (seed, feed, equipment, cages for fresh and marine water), food safety, fishery product processing, governance, feed security, governance, and knowledge exchange. Detailed studies were done in the 6 CAPFish project provinces about the fishery chain including the processing smalls scale sector. The training and credit system was studied in detail. The detailed study was for the Cambodian micro and SME enterprises to have a clear picture of the situation with several field visits. Monitoring & Evaluation system designed for the future project. 30 specific studies were done for different fishery & aquaculture activities for the fast appraisal. Finally, an aquaculture strategic plan was designed for the CAPFish Aqua project.

Date and length: 2015-2016, 10 months
 Location: Algeria, visit all country
 Client: EU Delegation donor, beneficiary Ministry of
 Agriculture and Fishery

 Event: resident responsible for the training, food safety, and evaluation for the marine and freshwater aquaculture and fishery value chain. The undersigned planned and trained projects (three projects for a value of 3,8 million Euro) for the marine and freshwater aquaculture grow out and hatchery. Fish feed mill training courses were planned for fishery food safety. The undersigned prepared proposals for the practical management of the Algeria aquaculture development, particularly for the hatchery, marine, and freshwater cage and fish processing, food safety, fishery market development, feed sector, and artisanal fishery. Desert aquaculture was one of the interesting projects. Two tenders for the Training and Fishery Sanitary systems were prepared and provided to the interested companies. Monitoring & Evaluation system designed for the future project as strategic planning and action plan for the future Algerian fishery and aquaculture activities. The project planning and tender preparation followed the EU PRAG rules. Training for pond and cage management practical work with the farmer.

Date and length: 2015, 5 months
 Location: Timor Leste, Dili
 Client: EU Delegation, beneficiary Ministry of
 Agriculture and Fishery

 Event: Donor partner coordination and Liaison officer
 and team leader for the
 international cooperation in the aquaculture
agriculture and fishery in Timor Leste. Organization of periodical meeting between donors and Timor Leste Agriculture officer to develop the cooperation, and planning for all new freshwater and marine hatchery and cage system for Timor Leste. Special aquaculture feed working groups were organized, and regional hatchery and small-scale feed mill projects were organized. Small-scale fishery processing plan developed for NGO projects. Monitoring & Evaluation system designed for the 100 USD million projects as its strategic planning for aquaculture and fishery value chain for the future 4 years with the collaboration of all stakeholders.

Date and length: 2014/16, 12 months, first phase completed
 Location: Timor Leste, Dili
 Client: CARDNO Agrisystem, AUS Cooperation

 Event: Team leader, study for a large integrated conglomerate for feed and aquaculture food chain from producers to consumers for vegetable and animal production. The undersigned prepared a financial and technical feasibility study for the integrated vegetable production (soja, corn, sorghum, rice) and animal/fish production. The undersigned produced a project for a feed mill for growing out and hatchery fish feed, for the Timor Leste market. The project included diet formulation for fish (tilapia and grouper), crustacean shrimp, crab, and other aquatic animals. The project included constructing some aquaculture tilapia and crustacean farms and a feed mill. The machinery to produce aquaculture feed was detailed and planned. Feed mill technology, human resources, logistics, costs, and management were carefully planned. A dozen od specialized aqua feed diets were performed and tested on a little scale.
Organization of the import of aquafeed from the Philippines to start an aqua feed business in Timor Leste.

Date and length: 2014 ongoing, 10 months ongoing
 Location: Nigeria, Lagos - Ibadan
 Client: Honeywell LTD – Lagos Nigeria,
 *(*[www.honeywellflour.com)and](http://www.honeywellflour.com)and) Buhler International

 Event: team leader, collaboration with Honeywell as feed
 specialist for the construction of a large feed
 mill for fish, shrimp, and chicken feed. Proposal
 preparation,
 design and practical application for an
 aquaculture test side for the new formulation.
 Preparation of an
 aquaculture feed mill industrial feasibility study
 including the engineering, cost of production,
 type of inputs, source of inputs, production
 process setup, packaging, distribution, medium
 term demand forecasting, human resources need.
 Several diets were prepared and will be tested in
 the new center. Pond management proposal and
 Studies were done together with
 the Ibadan University and its aquaculture feed and
 feeding center. Monitoring/Evaluation of feed quality
 system designed for the future project.

Date and length: 2013-2014, 10 months
 Location: Turkey, Ankara, and different provinces
 Client: EU
 Event: Responsible for preparation of IPARD 2015-2022
 plan for the aquaculture sector including a
 Turkey aquaculture
 complete survey and future 7 years plan. The
 aquaculture
 and connected hatchery and feed industries were
 deeply analyzed in the prospect of their future
 developments. Financial tools were provided to
 the industry. The undersigned planned the
 construction of some new feed mill and survey
 with his team to several Turkey provinces for
 food and feed safety.

Date and length: 2014 ongoing, 1 month
 Location: Ghana
 Client: CRIMGO project

 Event: Training for food safety, aquafeed, hatchery and
 illicit fishery (IUU).

Date and length: 2013, 2 months
 Location: Bangla Desh
 Client: Ministry of Agriculture and fishery

 Event: Project title. Mid-term evaluation of Better Work and Standards Programme (BEST), EU sponsored through the UNIDO execution. Evaluation of BEST project component on aquaculture, Fishery Food Safety, EU program

Date and length: 2013, 2 months
 Location: Israel
 Client: Ministry of Agriculture and fishery

 Event: National strategic planning and twinning project
 preparation for aquaculture production at
 national level with harmonization to the EU food
 and feed safety package. Planning for aquafeed
 mill and hatchery.

Date and length: 2013 ongoing, 3 months
 Location: Oman
 Client: Different private companies

 Event: tender preparation for aquaculture, cage, feed
 mill, nutrition, and processing. Collaboration
 in construction of fish farms.

Date and length: 2012/2013/2014 on going, 6 months
 Location: Mozambique, Mauritania, Senegal, Guinea Bissau,
 **Cambodia** and the Philippines.
 Client: UNCTAD Geographical I Unit, Mr. Stefano Inama

 Event: Team leader for the Geographical Indication
 project to develop the EU harmonized legislation
 and practically do the GI information for several
 agriculture, aquaculture, zootechnics,
 aquaculture feed and fishery products. The
 undersigned did practical work on fish farming
 with diets formulation with local products and
 fishery processing. Cambodia’s large number of
 processed fishery specialties were proposed for
 GI as: sauces, smoked fish, dried fish.

Date and length: 2012, 4 months
 Location: Medenine, Tunisie
 Client: Agrotec, Italian cooperation

 Event: Programme de renforcement des capacités de l’ODS (Office Développement du Sud) dans ses activités en faveur de PME du secteur peche et pisciulture also for cage farming. Fishery and aquaculture value chain strategic planning and Monitoring & Evaluation system designed for the ODS future projects.

Date and length: 2012, 2 months ongoing

 Location: Kingston, Jamaica
 Client: ACP Fish II, SOFRECO

 Event: zoning/GIS, Land and water use aquaculture
 and fishery planning and action plan for Jamaica

Date and length: 2012, 1 month, ongoing
 Location: Maputo, Beira, Mozambique
 Client: UNCTAD

 Event: Geographical Origin indication dossier
 preparation for Mozambican prawn, aquaculture,
 fishery and processing Good Practices

Date and length: 2010/2011/2012
 Location: Azerbaijan, Russia, Kazakhstan, Turkmenistan,
 Iran
 Client: CASPECO project (UNOPS, GEF)

 Event: Caspian Migratory fish Spawning Ground assessment
 particularly for sturgeon, monitoring
 the methodological proposal, field activities for
 assessment in all Caspian main rivers and Pilot
 project proposals. Sturgeon hatchery and grow out
 projects. Responsible for Spawning ground team
 for 5 Caspian countries, sturgeon hatchery and
 aquaculture project developing (re/stocking,
 sturgeon hatchery and grow out)

Date and length: 2011/2012 (3 months)
 Location: Haiti, Port Au Prince, Dominican Republic, St.
 Ana

 Client: Fondazione Rava and Nostro Pequino Hermano ONGs

 Event: Tilapia appropriate farming system for the need
 of 20.000 displaced people, study marine
 hatchery.

Date and length: 2011/2012 (3 months,)
 Location: Costa Rica, San Jose / Puntarenas

 Client: SENASA Costa Rica, ECE consultant / EU funds

 Event: Project to develop the aquaculture and fishery
 traceability improving the value chain of the
 Costa Rica fishery/aquaculture products. Contact
 and business development with all national
 aquaculture activities for shrimp, trout and
 tilapia to develop the aquaculture value chain
 with the new electronic traceability system for
 an innovative Public-Private Partnership to add
 value to the Costa Rica fishery products.
 Monitoring & Evaluation system designed for the
 fishery product Costa Rican traceability system.

Date and length: 2011/2012 (6 months)
 Location: Peru, Tumbes

 Client: Korall ltd, Ukraina

 Event: Project for intensive aquaculture integrated
 shrimp production, processing, and marketing in
 Tumbes for shrimp value chain development.

Date and length: 2011 (3 months)
 Location: Mozambique, Gorongosa, and Beira

 Client: ACP Fish II project, Agriconsulting consortium
 executing agency Harawelle Int.

 Event: Aquaculture production and marketing for a
 Mozambique region for Tilapia and crustacean.
 Practical training in cages and ponds.

Date and length: 2010 (6 months)
 Location: Philippines, Manila-based office and 50 MPAs
 (Marine Protected Areas)

 Client: ADB, Agriconsulting consortium executing agency

 Event: Integrated Coastal Resources Management Project,
 Biodiversity specialist (policy, eco-labeling,
 training, organic feed, tilapia, cage farming and
 shrimp organic aquaculture procedures,
 sustainable fishery, value chain.)
 First sale fishery market projects to harmonize
 with the EU food safety package for some Visayas
 ports. Strategic sustainable aquaculture plan for
 the MPA

Date and length: 2010/2011/2012, 3 months
 Location: Peru twice, Spain twice, and Denmark twice

 Client: Better Training for Safer Food (BSFT) EU,
 executing agencies AENOR, AINA, SAETS, and AESA
 Event: Training for EU food safety package:
 aquaculture, fishery business operator, fish
 meal/oil production, aqua/feed production,
 fish/crustacean processing and fishery markets
 rules/regulation and technologies.

Date and length: 2010/2011
 Location: Manila, Davao Philippines, and Vietnam

 Client: Rudy project, consortia

 Event: Aquaculture fish farming projects: cage for
 grouper and milkfish, shrimp, including
 marketing.

Date and length: 2009, 1 month
 Location: Montenegro

 Client: DAAS / EU

 Event: Fishery/mariculture chain project formulation
 for the EU EPA program. Include fishery markets
 and food safety package.

Date and length: 2009,1 month (ongoing)
 Location: San Salvador.

 Client: Eurolatina / Alveo scary, Fishery Authority

 Event: Project formulation, evaluation, and information
 tour for the application of Good practices in the
 fishery & aquaculture value chain sector. Project
 developed for fishery market harmonization.
 Project formulation, evaluation, and information
 tour for the application of Good practices in the
 mariculture sector.

Date and length: 2009 and 2010,14 months (3 missions)
 Location: Guinea Bissau

 Client: CIPA, Ministry of Fishery (EU SFP program)

 Event: Evaluation of Competent Authority Training and
 organization for Guinea Bissau accreditation to
 export fish in the EU. Project developed for
 artisanal fishery, fishery markets, aquaculture
 and other Competent Authority needs.

Date and length: 2008,2 months
 Location: Eritrea

 Client: Harawelle LTD, SFP-ACP project (EU sponsored)
 Event: Fishery Business Operator Training for Eritrea,
 freshwater/marine aquaculture feasibility study

Date and length: 2009,1 month
 Location: Argentina

 Client: Agriconsulting
 Event: Project for SENASA mariculture laboratories
 training and extension.

Date and length: 2008/9, 3 months
 Location: Nicaragua

 Client: SOGES, PAICEPAN Programme (EU sponsored)
 Event: G.A.P. for the Nicaragua mariculture Federation
 of shrimp farmers Cooperative, aquafeed, cae
 farming, shrimp
 organic farming. Two farm experimental management

Date and length: 2008, 2 months
 Location: Yemen

 Client: DAAS Danish Agriculture Association Service (EU
 sponsored)
 Event: Preparation for a tender dossier for several
 fishery markets (Aden, Al Mukalla, etc) and BIP
 according
 with EU rules and regulations. The artisanal
 fishery Cooperative will manage the market a
 special training was organized. Evaluation of
 previous aquaculture projects in the sector.

Date and length: 2008, 1 month, ongoing
 Location: Thailand, Philippines, Indonesia, Vietnam

 Client: San Benedetto srl, Nero di fumo srl, Eurobroker
 Srl Bologna and Genoa - Italy
 Event: Fishery quality inspection and documentation
 control for products of the artisanal fishery
 (tuna,
 swordfish, shrimp, bivalve mollusk) and
 aquaculture for export. Aquaculture Value
 chain activities to create appropriate fishery
 products for EU markets. Visit the main
 aquaculture and processing industries.

 Date and length: 2008, 2 months, ongoing
 Location: Yemen, JJ Lock, and associate company

 Client: Private investor
 Event: Project large integrated shrimp project for
 50 million USD investment.

Date and length: 2007, 2 months
 Location: Peru. Main fishery ports

 Client: Hayduck SA
 Event: Evaluation of the company strategy for

 Mariculture development including crustacean
 farming, several aquacultures, industrial
 projects proposed

Date and length: 2007, 1 month
 Location: Guinea Bissau

 Client: Agriconsulting SA (EU sponsored)
 Event: Preparation for a strategy to organize the GB
 Competent Authority to be harmonized with EU
 fishery sanitary rule and regulation to export
 fishery products to EU countries. Fishery market
 project.

Date and length: 2006, 1 month
 Location: Tanzania and Kenya

 Client: ICE (Istituto Commercio Estero) Rome, Italy
 Event: Aquaculture and fishery business matchmaking for
 Italian and African enterprises; a collection of
 statistical data on Lake Victoria for Nile Perch
 export. Projects for aquaculture, food security
 and poverty alleviation developed for artisanal
 fishermen association.

Date and length: 2006, 7 months
 Location: Turkey

 Client: Agrotec EU
 Event: Installation of new MARA office and connection
 with

 all the Turkish fishery representatives.

 Promotion and training for EU fishery\aquaculture
 policy (acquis communities); developing a new
 strategies for MARA (Ministry of Agriculture and
 Rural Affair) to plan, organize and manage the
 Turkish fishery market system with data
 collection on value and quantities at national
 level. Guidelines manual provided. Training
 to harmonize MARA with the new EU fishery safety
 package system. Aquaculture and fishery Food
 Safety package training for the CA and artisanal
 fishery sector issues included. Fishery markets
 construction and management guidelines, projects
 for 5 Turkish fish markets. Some aquaculture
 projects for the aquaculture private sector in
 large cages.

Date and length: 2005, 1 month
 Location: Vietnam, Mekong Delta

 Client: Mekong Economics / Hanoi, DANIDA
 Event: Impact assessments and evaluation on SPSF I
 project and sub-component (SUMA; SUFA, SEAQIP,
 SIRED) for the artisanal fishery, fish farming
 Visit several project actions and
 collection of data (PRRA techniques) on
 fishery\fish farming production and market
 value. Particular attention was given to
 pangasius, shrimp, bivalve mollusk production
 the system, cage farming, and integrated animal cum
 fish farming system.

Date and length: 2003\2004, 5 months (ongoing)
 Location: Vietnam, Ho Chi Min City, Ca Mau, and other areas

 of Mekong Delta

 Client: Eurobrokers srl and San Benedetto srl, Italy
 Event: Installation of new office recruitment of local

 experts and inscription to the local Chamber of

 Commerce. Buyer of fishery and
 aquaculture products for Eurobrokers trade.
 Large experience in the Mekong delta
 aquaculture markets particularly for pangasius,
 shrimp, clams, crab, tilapia. Consultancy for
 value chain and fish quality for local and
 international seafood companies.

Date and length: 2004, one month
 Location: Namibia, South Africa

 Client: ICE\CDI EU, AGC98 Srl
 Event: Evaluation and advice on fish quality for
 marketing for fishery\aquaculture products for
 Italian markets. Enphasis on export of bivalve
 mollusk in EU states
 Collaboration with the South African Bureau of
 Standard (SABS) and collection of fishery
 statistic for export porpoises. Collaboration

 with the Ministry of Fishery for diplomatic

 reason together with the Italian Embassy.

Date and length: 2004, 1 month
 Location: Lebanon, Hermel, and Beirut

 Client: ASTER, MEDA EU
 Event: Advice on production, processing, and marketing of
 trout industry in the Hermel region. Feasibility
 study for a trout processing plant and a trout
 feed plant. Working

 together with Jaal al Binha local NGO

 representing Hezbollah parties. Diplomacy works

 together with the EU and Italian Embassy.

Date and length: 2004, 1 month
 Location: Kosovo, Montenegro, Albania

 Client: Sea Service, Ancona, Italy
 Event: Fishery and aquaculture marketing research

 feasibility study

Date and length: 2004, 1 month
 Location: Tanzania, Kosovo

 Client: Industrial marketing
 Event: Fishery processing machinery testing and training

Date and length: 2004, 1 month
 Location: Sierra Leone, Bo and Bonthe Districts

 Client: COOPI NGO, FAO
 Event: Food security call for fishery and aquaculture
 project, artisanal fishery project, study for TCP

 on oyster culture, processing, and marketing.
 Collection of fishery statistics in the coastal
 communities.

Date and length: 2001 \ 2004
 Location: Khala Lampur, Malaysia

 Client: Inventagri Ltd
 Event: Management of investment office in the
 agriculture\aquaculture and fishery area for
 private agencies and investors. 10 prepared
 project in the aquaculture sector.

Date and length: 2003, one month
 Location: Guyana, Georgetown, and Shell Beach

 Client: Guyana Marine Turtle Conservation Society

 Event: Integrated coastal project for protected areas,
 preparatory sustainable stock assessment study;
 rapid fishery appraisal techniques to know the
 fishery production of the area. Aquaculture
 project for local needs.

Date and length: 2003, 1 month
 Location: Guyana, Georgetown

 Client: EU Strengthening Fishery products Health
 Conditions in ACP\OCT countries

 Event: Guyana Competent Authority and establishment
 Quality manager training on the new Guyana
 fishery legislation. Implementation of Best
 Practices and HACCP quality system for new
 aquaculture farms.

Date and length: 2003, 1 month
 Location: Malaysia

 Client: Association of fish freezing industries and
 Malaysian CA

 Event: training to solve the Vibrio paraemoliticus
 presence in frozen shrimp imported to Italy.
 Study on Kuala Gula fishery/aquaculture
 production and
 processing communities; a collection of
 fishery\aquaculture productive data.

Date and length: 2003, 1 month
 Location: Bali, Indonesia

 Client: Sea Service srl, Ancona Italy

 Event: swordfish and aquaculture product quality control
 (HACCP and GLP) at Balinusa factory and marketing
 for Italian market

Date and length: 2003, 1 month
 Location: Thailand, Pattami

 Client: Oceanfish

 Event: ACCP organization to export shrimp in the EU

Date and length: 2003, 20 days
 Location: Italy

 Client: Sfax region fishery authorities

 Event: Field visit to Tuscany fishery processing plant,
 aquaculture for training to present EU
 legislation and requirements to export fish and
 crustaceans.

Date and length: 2002, 1 month
 Location: Macedonia

 Client: B e B, Milan

 Event: Tender for GIS project (hardware and software)
 for Macedonian policy manager.

Date and length: 2002, 2 months
 Location: Italy and Eritrea

 Client: B e B, Milan, Saidna Eritrea (Ref. Mr. A.
 Nebratu)

 Event: Fishery tender for the development of Eritrean
 fishery aquaculture policy and three fishery
 ports, fish
 processing factories and annexed facilities in
 Southern Eritrea. Including Statistics and
 quality systems for export.

Date and length: 2002, one month
 Location: Malaysia, Kuala Lumpur

 Client: Shapadou International Corporation

 Event: Integrated Fishery Project: fishery, aquaculture
 and processing. The organization of aquaculture
 farms
 (Machrobrachium sp, Pearl oyster, Tilapia,
 Pangasius sp) and cage farming. HACCP and GLP
 practice to
 export in the EU. Study on stock assessment in
 the
 Malacca area to supply the fishery factories
 need.

Date and length: 2002, 1 month
 Location: Denmark

 Client: Ole Brag group of fish processing companies

 Event: Fish quality HACCP consultation on Listeria
 monocitogens in salmon.

Date and length: 2002, 1 month
 Location: Port Moresby, Papua New Guinea

 Client: Agristudio, Florence

 Event: Mission to finalize the methodology for EU
 Fishery Integrated Coastal Management Project.
 The project studied a sustainable
 aquaculture\fishery system, Total Allowable
 Catch and fishery statistics.

Date and length: 2001, one month
 Location: Tunis, Sfax, Gabes- Tunisia

 Client: ASTER, EU, MEDA project

 Event: quality system (HACCP, GLP) for processing
 industries, aquaculture, and artisanal fishery

Date and length: 2001, 1 month
 Location: Tartus, Syria

 Client: ASTER, EU, MEDA project

 Event: feasibility study for shrimp integrated farming
 system

Date and length: 2000, 2 months
 Location: Montecristi, Dominican Republic

 Client: CDI EU and Cultura Mar Caribe executor Alveo
 scary

 Event: feasibility study for an Industrial integrated
 shrimp farm, shrimp processing quality system
 (HACCP, GLP) environmental impact assessment of
 the shrimp farm. Swamp area management around the
 the farm was studied, and farm assessment of the
 the area was studied.

Date and length: 2000, 1 month
 Location: Vlore, Albania

 Client: PASARP (UNOPS)

 Event: Integrated coastal management study of Vlore
 province including lagoon areas and aquaculture.
 Lagoon, marine, and freshwater fishery statistics
 developed with PRRA techniques.

Date and length: 2000, 1 month
 Location: Croatia, Zara, Split, and Dubrovnik

 Client: Manin srl, Genova Italy

 Event: marketing study for aquaculture and fishery
 investment

Date and length: 1998, 1 month
 Location: Morocco, Al Massira dam, and Oued Lao

 Client: CEFA NGO, Bologna Italy

 Event: coastal and inland rural development and
 fishery\aquaculture projects with particular
 detail on the Lagoons area of the North coast

Date and length: 1998, 3 months
 Location: Djibouti, Somalia, Uganda, Yemen, and Kenya

 Client: COOPI, (EU sponsored)

 Event: Integrated coastal management project with detail
 on the mangrove area of the coast, fishery
 product marketing study, shrimp aquaculture
 development. Collection of data on the regional
 fishery
 markets on quantities, prices, fishery products
 network and production cost of fish protein unit
 compared with other protein sources.

Date and length: 1998, 1 month
 Location: Mexico, Merida, Italy

 Client: TURISMA, Castiglion della Pescaia, Italy

 Event: shrimp and frog farming consultancy

Date and length: 1998, 1 month
 Location: Albania

 Client: KAP, Kavaja

 Event: shrimp, eel, and frog farming and processing
 consultancy (HACCP system), Kavaja rehabilitation
 lagoon project evaluation

Date and length: 1997, 1 month
 Location: Djibouti

 Client: Djibouti entrepreneurs

 Event: a shrimp farm project was studied to produce
 shrimp for Djibouti market; Environmental Impact
 Assessment of the farm

Date and length: 1997, 2 months (in two missions)
 Location: Huè and Hanoi

 Client: Emilia Romagna Regional Government and fish
 equipment producers

 Event: Italian credit on fish production, processing and
 marketing with Italian bi-lateral cooperation.
 The project is studied in the three central
 provinces the poorest and most isolated of the
 country. An integrated coastal management study
 were done to develop the fishery chain (fishery,
 aquaculture, processing, and marketing) were in
 the project proposal. HACCP and GLP standards
 were included in the project. Huè, largest
 Vietnam lagoon was assessed for sustainable
 productive porpoises; cage farming; Rapid
 Fishery & Aquaculture
 The appraisal was undertaken to understand the
 fishery marketing in the area included fishery
 products prices and quantities.

Date and length: 1997, 10 days
 Location: Thailand

 Client: UE

 Event: GIS and integrated coastal management conference,

Date and Length: 1996, 25 days

 Location: Thailand, Bangkok

 Client: Citrix, USA

 Event: Consultancy for Citrix with the application of a

 The new line of natural disinfectants and feed

 acidifiers for aquaculture. The Charoen Pokphand

 and his sister Advance Pharma, leading producing

 mill companies of shrimp feed were contacted.
 Many problems concerning processing and product

 utilization in shrimp farming was discussed.

Date and Length: 1996, 15 days

 Location: Hong-Kong

 Client: Alveo Cooperative Society

 Event: Study of markets for live fish and examination of

 Citrix natural products to be imported in Honk-

 Kong and China. Italian aquaculture equipment

 was advertised.

 Date and Length: 1996, 30 days

 Location: Philippines, Manila, Cebu’

 Client: Mr. Aznar

 Event: Mr. Aznar Director of a diversified conglomerate

 owned by the Aznar family, wanted to improve his

 aquaculture marine hatchery and cage farm.

 The advice was given on milkfish (Chanos Chanos)

 and grouper (Epinephelus sp) hatchery and related

 species in the field. The main problems concerned

 the water quality of the hatchery and the feed

 quality of the cages.

Date and Length: 1996, 45 days

 Location: Laos, Vientiane and Louang-Namtha

 Client: Franklin Advisory Service (EU)

 Event: Evaluation and organization of a strategy to

 develop aquaculture, fishery and animal cum fish

 production in the Louang-Namtha integrated rural

 project. Marketing and processing aspects were

 also evaluated for the local market of to an of an understanding

 the prices and quantities dynamic. Participatory

 Rapid Rural Appraisal techniques were utilized too

 improve the project data collection. A side study

 was requested on the South Laos Mekong areas.

Date and Length: 1996, 30 days

 Location: Vietnam: Hanoi, Ho-Chi-Min City, Phou Quoc Island, Van Trim (Mekong Delta)

 Client: Alveo Coop Society and Sinerga (NGO)

 Event: Local and International NGOs were contacted to

 frame development projects in North and South

 Vietnam. Aquaculture and fishery projects were

 studied for Phou Quoc Island and the Mekong Delta.

Date and Length: 1996, 20 days

 Location: USA, Alpha Georgia

 Client: Ken Hatchery

 Event: Ken Hatchery's plans to develop a new industrial

 frog farm, the first in the USA, were analyzed. A

 closed-cycle frog farm with hatchery, grow out

 and processing were realized the according to the
 USA standards.

Date and Length: 1995, 40 days

 Location: Avana, Cuba

 Client: VGC (NGO)

 Event: The consultant contacted local authorities,

 International and National NGOs, and the EU food

 security program to prepare projects in

 correlated areas: aquaculture, artisanal fishery

 and zootechnics. The scarce food availability in

 Cuba stopped almost completely the animal

 production, thus an integration between animal

 production and fish filter-feeding species was

 studied. In Cuba animal cum fish farming system

 similar to the Chinese system, is already

 present. Now there is the possibility of small

 Cuban producers to sell on a free market apart

 of their production.

Date and Length: 1995, 30 days

 Location: Mozambique

 Client: Nuova Frontiera

 Event: Involvement in the identification of a marine

environmental project in the Maputo area. Four different locations were chosen and visited. Rapid Rural Appraisal techniques were utilized to understand local social dynamics. The different identified places were situated in various ecological zones: marine swamp, inland riverine area, degraded forestry area, and suburban city area. All the possible productive activities in the diverse ecological zones were considered: forestry, small agriculture, agro-forestry, fishery\aquaculture production and processing, eco-tourism, and fishery market.

Date and Length: 1995, 10 days

 Location: Norway

 Client: Alveo Coop. society

 Event: Consultancy provided to develop cage culture overseas. Many fish farms utilizing cages were visited and the technology was deeply analyzed for the client’s needs equipment was tested.

Date and Length: 1994, 1 month

 Location: Ethiopia

 Client: Alveo Coop. society

 Event: Aquaculture and inland fishery study for a possible development project. Contacts with the local authority were established and improved; studies on the possible rehabilitation of the A. Ababa fish breeding station were brought forward.

Date and Length: 1993, 1 month

 Location: South Africa, Durban

 Client: Alveo Coop. society

 Event: Sea World was interested in having an Italian partner for a developing project in South Africa, to create a new collaboration after the Apartheid era. The possibilities for aquaculture and artisanal fishery projects with Sea World were studied. Abalone cultivation and artisanal fishery in poor coastal villages were considered.

Date and length: 1992, 3 months

 Location: Mozambique, Maputo

 Client: Prolide NGO

 Event: Artisanal fishery and marketing study for the
 Maputo area.

Date and length: 1992, 6 months

 Location: Italy

 Client: Aquatrade and STM

 Event: Sales manager in all Italian regions to market Aquatrade aquaculture equipment, including cages, for marine and freshwater fish farming.

Date and length: 1992, 3 months

 Location: Italy

 Client: Aquamarine Biofauna

 Event: Sales representative of marine aquaculture equipment and hatchery feed for the Italian branch of Aquamarine Biofauna. Many hatcheries and cage farming were visited to present the supplies.

Date and length: 1992, 40 days

 Location: Rio Grande du Sur, various locations, Brazil

 Client: Arca de Noè

 Event: Brazil is one of the biggest producers of cultivated frogs in the world. Intensive improvement in the hatchery and grow-out facilities of Arca de Noè frog farming was carried out. Many tadpoles and frogs were exported to Europe.

Date and length: 1991, 10 days

 Location: different places, Brazil

 Client: Italspa s.p.a.

 Event: Consultancy was provided to an Italian frog producer who requested specialized knowledge of Brazilian frog breeding techniques. Advice on the selection of breeders to import to Italy was also given. A frog study tour around different areas was organized.

Date and length: 1991, 40 days

 Location: Ragusa, Italy

 Client: Chamber of Commerce

 Event: Organisation, management, and accomplishment of a marketing course for Ragusa Chamber of Commerce

Date and length: 1991, 21 days

 Location: Mahè, Seychelles

 Client: B & B

 Event: Collaboration with the local authorities to study the possibilities to develop an aquaculture and zootechnics project in Seychelles.

Date and length: 1991, 14 days

 Location: Cairo, Egypt

 Client: Italspa

 Event: Consultancy provided to the Italian firm which needed the advice to buy and transport tadpoles and frogs from Egypt to Italy.

Date and length: 1991, 21 days

 Location: Ouagadougou, Burkina Faso

 Client: Italian Foreign Minister

 Event: Once an integral part of a greater program, the Nouhao Valley plan was the first African project to give officially land ownership to nomads. This gave rise to agriculturalists' interest who were able to attract the attention of the Italian government. Many activities were implemented mainly for livestock, dairy produce (forage evaluation and improvement), and staple food (corn, sorghum). Small scale milk processing and marketing, were also considered. Meetings with the local authorities and the target group were organized, in the field.

Date and length: 1991, 35 days

 Location: Different places, U.S.A., Canada

 Client: Italspa

 Event: Italspa needed to acquire technologies for frog farming and requested the selection of a breeder and tadpoles for the activity in the Italian territory. The tasks were successfully carried out.

Date and length: 1991, 35 days

 Location: Reggio Emilia, Italy

 Client: I.F.O.A.

 Event: Organisation, management, and partial accomplishment of a course for teaching appropriate technological principles to foreign students. Many case studies were shown.

Date and length: 1991, 1 month

 Location: various locations, U.S.A.

 Client: Italspa Srl

 Event: Italspa needed to buy tadpoles and frogs in the USA, the consultant was chosen to carry out the task with a screening of existing offers on the market.

Date and length: 1990, 1 month

 Location: Nairobi, Kenya

 Client: G.E.C.E.

 Event: Consultancy was provided for planning a composting facility and for the exploitation of slaughter by-products for use in agriculture and zootechnics.

Date and length: 1990, 1 month

 Location: Moscow, Russia

 Client: New Era

 Event: A fish marketing study was carried out to import different freshwater and marine fish in Italy.

Date and length: 1990, 1 month

 Location: Angola, Luanda

 Client: O.A.F.I.C. , Tokyo

 Event: The possibilities to implement projects in the aquaculture and artisanal fishery sector were studied. The prospects to fulfill the tasks related to aquaculture were impeded due to war conditions.

Date and length: 1989, 90 days

 Location: Brazzaville, Congo

 Client: O.F.M.A., Treviso

 Event: Planning of a zootechnics (ruminant) project for
 the private Italian firm O.F.M.A.

Date and length: 1989, 10 days

 Location: Sao Tomè

 Client: C.E.S.T.A.S.

 Event: The resolution of different technical problems within an integrated project was effectuated; the technical arguments were the following: solar drier, by-products for use as animal feed, aquaculture, coconut, and cocoa tree integrated systems.

Date and length: 1988, 26 days

 Location: Reggio Emilia, Italy

 Client: I.F.O.A. executor Alveo scarl

 Event: Organisation, management, and partial
 the accomplishment of a training course on
 appropriate technologies, light agriculture
 mechanization, and project formulation for
 overseas students.

Date and length: 1986, 1 month

 Location: Bologna, Italy

 Client: E.R.V.E.T.

 Event: Project for a feedlot and slaughterhouse in
 Madagascar.

Date and length: 1986, 1 month

 Location: Bologna, Italy

 Client: E.R.V.E.T.

 Event: Realisation of a training project for aquaculture

 project managers

Date and length: 1985, 60 days

 Location: Modena, Italy

 Client: Overseas, Castelnuovo Rangone (Mo)

 Event: Reorganisation of the NGO aquaculture overseas
 project

 CONTRACTED ACTIVITIES

 (in addition to overseas responsibilities)

Date and length: 2015, ongoing
 Location: Batangas - Philippines

 Client: Mrs. Christy Fuentebella Puzon, Encenada Beach

 Supplier: Myself and Alveo Coop Society

 Duty: Environmental responsible of Encenada Beach for
 the conservation of the area and the creation of
 the Encenada MPA.

Date and length: 2005, ongoing
 Location: Ho Chi Min City, Mekong Delta various locations

 Client: Mr. Mauro Cerisola, Eurobroker srl

 Supplier: Myself and Alveo Coop Society

 Duty: preparation of some feasibility studies for
 shellfish, finfish (Pangasio, basa, and tra) and
 crustacean aquaculture development in Vietnam;
 direct pond production management for the local
 producers, detailed marketing strategies
 connecting the
 local producers to the international markets.
 Advice for the fishery quality system of
 Eurobrokers fishery export

Date: From 2010-2022

Location: Italy and international

 Client: SUNLIFE Holding

Supplier: myself with Alveo Cooperative society

 Duty: Developing research and studies about the solar system and aquaculture production for tropical countries for a zero carbon footprint aquaculture system with direct pond management..

Date: From 2000 ongoing

Location: Italy and international

 Client: San Benedetto LTD, Eurofish, Nero di Sole LTD

Supplier: myself with Alveo Cooperative society

 Duty: organization of their import quality system and
 connected marketing activities for value-added
 products from Africa (Senegal, Mauritania) and Asia
 (Vietnam, Philippines). Crustacean (Scilla sp), white
 fillet,
 processed mollusk, Pangasio, in the two forms, basa and
 tra is included in the activities. Vietnam is one of the
 countries considered.

Date: From 2004, ongoing

Location: Italy and international

 Client: Suolo e salute srl

Supplier: myself

 Duty: sustainable fishery and biological aquaculture (organic feed included) consultant
Details: responsible for the organic aquaculture, sustainable fishery certification for specific zone like MPA

 Date: From 01-12-2004 to 01-10-2005

Location: LAO PDR, Xieng Kouang Province, Phonsavan City

 Client: L.A.T.CO. (Lao Agriculture and Trading Company)

Supplier: myself

 Duty: farm manager
 Details: Project, construction, and management for the farm were undertaken as farm manager, for a 2000 Ha farm for Alfa Alfa, corn, freshwater aquaculture in cages, and zootechnics.

 Date: From 01-01-2001 to 01-04-2002

Location: Kazakhstan, all the fish processing factory

 Client: STG, Brusselles

Supplier: TACIS, EU

 Duty: accreditation for the fishery\aquaculture industry

 Details: the aim was to permit export in the EU (HACCP and GLP monitoring system organization for private aquaculture/fishery industries and the Environmental and Agricultural Ministries), Caspian environmental management, aquaculture and training for inspectors, and fish quality system. The main work was for the export of caviar, sturgeon, and pike perch fillet. Training courses for all the inspectors of the competent authorities on HACCP and GLP systems and related inspection subjects. Also, all the technicians of the exporting factories were trained. A total of 120 courses were organized in the CA offices and fishery processing factories. After the training, Kazakhstan was obtained to be in list 2 to export in the EU. All the Kazakhstan fishery\aquaculture facilities were visited and recommendations were prepared on fishery quality and management of the sturgeon resources (stock assessment and TAC per area). Strategies for sturgeon fishery statistics were developed for the local government. Projects for Kaz fishery markets. Strategic planning for the future caviar production for the export to EU countries.

 Date: From 01-01-1999 to 01-04-2000

Location: Albania, Tirana

 Client: IREPA, Salerno - Italy

Supplier: PHARE EU

 Duty: Team Leader of Technical Assistance to Fishery
 Directorate of Ministry of Agriculture and Food.

 Details: The duty was to increase the capacity building of the Albanian Fishery Directorate in all the fishery sectors in Albania. The Team leader had 9 international consultants that worked on the project and 6 local staff. Three international seminars on fish quality, aquaculture, EU export requirement, credit, and integrated coastal management were organized. Particular assistance was provided to the training in integrated coastal management and co-management with the national fishery association. International expert trained the staff in aquaculture, fishery statistic, cage and mooring system, processing, fish quality system (HACCP and GLP), GIS and integrated coastal management, co-management, zooming, fishery legislation, credit, micro-credit activities slipway, fish market management, master plan organization, aquaculture and crustacean business plan.

Seminars were organized to explain the detail of the HACCP system and the role of the state monitoring to be accredited to export to EU (training of inspector) and to manage the important Albania lagoons system. A fishery environmental policy and strategic plan were developed for bio-diversity conservation for sturgeon and carp.

 Date: From 14-1998 to 01-10-1999

Location: Hungary, Slovenia, Romania, and the Cheez Republic

 Client: Agrotec, Florence - Italy

Supplier: PHARE EU

 Duty: Technical advisor for constructed wetland depuration
 systems.

 Details: The project studied one pilot farm with a depuration problem for every of the four-state. The studies were done in collaboration with a local counterpart, the four projects were presented at an international conference in Romania at Iasi. The projects were with a first stage classical filtration system and an integrated aquaculture depuration system with constructed wetlands in the second and third depuration phases.

 Date: From 11.08.94 to 11.07.95

Location: Somalia and Somaliland, Berbera

 Client: Caritas

Supplier: COOPI (Cooperazione Internazionale) NGO, Milan - Italy

 Duty: Project Manager Artisan fishery, fish processing and
 marketing.
 Details: Development of artisanal fishery production with net, long lining, fish processing and trade, boat and engine rehabilitation, and artisanal aquaculture. Main activities involved understanding the priorities of local artisanal fishermen and developing with them a system (association, cooperative society, another local system) to manage a fishing center with fish trade and processing, fish tool trade, and ice production. Priority was given to a fishery sustainable approach, to help manage the fishermen’s problems. Project proposals for fishery, aquaculture, and Marine Protected Area park development were implemented in Lagoon areas with environmentally friendly technologies. Processing with appropriate technologies and marketing for smoked and dried fish were implemented in East African countries (Ethiopia, Kenya, Uganda, Kenya, Djibouti, and Yemen). A solar drier and a smoker barrel were built with local materials. Privatization of fish production, processing, and fish trade was one of the objectives of the project. The Micro/credit system was organized with a very high credit return. Detail on HACCP systems and marketing were provided to the local processor and the authorities that were also trained in Integrated Coastal Management. Strategic planning for Somaliland fishery written with the collaboration of all stakeholders.

 Date: From 28.01.93 to 28.01.94

Location: Gabon, Lopè Reserve

 Client: EU

Supplier: AGRECO, Brussels - Belgium

 Duty: Fishery and aquaculture consultant for Protected Areas

 Details: Study on artisanal fishery and aquaculture inside the Lopè National Park on Ogooué River. The goal was to increment and create new jobs for the local people to avoid poaching. The study was undertaken with the collaboration of three local technicians and six collaborators from the ECO FAQ project. Studies on catch, effort, alimentation, and fish reproduction were made inside the Lopè Reserve. Aquaculture possibilities for Tilapia, Macrobrachium, and local species were monitored; local aquaculture feed tests were done. All the research was made with the close collaboration of all the fishermen inside the Reserve; participatory approaches were used to stimulate the search and development of solutions for the local fishermen to obtain a better income from fishing activities. Innovative participatory fishery data collection was developed to know the local catch volume and prices. Many discussions on fishing techniques, trade, and conservation were made. We developed a simple smoker, a "cleaner" for fish scale, and a system to recover lead from old batteries for the net. We organized fishermen groups in every one of the five villages in the Reserve. The groups were utilized during all the different activities of my job. Fishery strategic planning for the Lopè reserve was proposed and discussed with the local fishermen and state services.

 Date: From 08.14.86 up until now

Location: Bologna, Italy, and many overseas countries

 Client: Various

Supplier: Alveo Cooperative Society

 Duty: Divisional director, an international consultancy

 Details: The division for which I am responsible is supported by a team of fifteen consultants, who coordinate the engineering and consultancy activity of the many Italian and non-Italian agencies and companies that service the aquaculture (crustacean farming), the fishery (including lagoons management), the zootechnics and the environment of developing countries and other countries all around the globe. The division pays particular attention to the utilization of appropriate “gender” and "people-oriented" technologies and “green” technologies taking into account local needs and social problems. The fishery quality system (HACCP and GLP) was on the spot for private industries and state ministries. The creation of a Public-Private Partnership for aquaculture development in several third-country states was proposed and partially executed. All the above was introduced in several fishery and aquaculture value chain exercises for the clients at the national and international levels. Alveo is one of the GIS strategic plan leaders in the Emilia Romagna region for agriculture, environment, fishery, and aquaculture with hundreds of contracts satisfied. Alveo Coop works for more than 30 years in the fishery and aquaculture value chain sustainable strategy and action plan. MPAs were planned and managed with GIS help several times.

 Date: From 14.08.88 to 14.08.90

Location: Brazzaville, Congo

 Client: P.N.U.D.

Supplier: F.A.O.

 Duty: Responsible for the extension service and training unit
 of the aquaculture development project PRC\88\007.

 Details: Responsible for the rural activity in the regions of Pool and Bonanza. Together with some Congolese colleagues, we carried out several missions in different Congo regions. My duty was to coordinate the extension service through the control of about twenty promoters distributed in the project area. The main activities included: prospecting and construction of aquaculture farms, fry production and transport, feeding, management, and fish marketing. Other activities included: tools hire for the ponds construction, training of farmers and students of 20 schools of different levels, and training in courses of about 90 promoters of the Minister for rural development. Special attention was given to the animal cum fish integrated farming systems. The Tilapia Nilotica and Clarias Laser were the main species bred, also in associated culture. The system of Clarias' artificial reproductions was in the spotlight so to find a system that Congolese could utilize without any imported material. I collaborated in cooperation with the following organizations and Embassies: African Development Foundation, World Bank, U.S. Embassy, German Embassy, African Development Bank, and others. For the development of aquaculture projects, the extension service has technically followed more than 50 Ha of ponds with the rehabilitation of 6 secondary stations used for the production and sale of fries and larger size fishes. The organization of aquaculture and fishery groups was undertaken in many communities. Interior Zaire delta management areas were organized with special sessions.

 Date: from 01-10-1987 to 14-08-1988

Location: Tanout, Niger

 Client: Italian Foreign Minister

Supplier: S.A.F. and C.S.A.R.E.-S.I.L.V.A.

 Duty: Extension service's responsible for 'Projet Integrè du

 Rehabilitation du Damergou' (P.I.R.D.), Rural development

 Details: The P.I.R.D. was concerned about the rehabilitation of a

wide drought exhausted area, its main goal being the protection of the territories through innovation of the soil and water conservation, according to the normal activity of the related population. Principally my service planned and carried out activities in different areas: agriculture, aquaculture, forestry, sanitation, utilization and transformation of agricultural products and by-products, breeding, feeding, desert aquaculture, animal traction, composting, rural construction, training of farmers on the use of appropriate technologies provided by the project. With the collaborations of other services on the project, many hundred hectares were reforested and many others planted with sorghum and millet. In my service I was the coordinator of two Italian agronomists, one sociologist, and ten local middle managers; during the sowing season, I was coordinating seven farm tractor operators and about twenty workers. The tractors were FIAT 130\90 type and were provided with a computerized sulky plow specialized for water conservation, called 'jumping toys'. To better achieve the project's goal, social problems were considered the main priority.

 Date: from 01-10-1986 to 01-10-1987

Location: Saletto di Bentivoglio, Bologna, Italy

 Client: Valbacchetti S.r.l.

Supplier: Myself

 Duty: Aquaculture farm manager

 Details: Project, construction, and management of the

 Valbacchetti fish breeding station through a 5 ha

 semi-intensive system, which later became

 full intensive. The main species bred were the

 hybrid sturgeon, goldfish, American catfish, the

 herbivorous carp, and the common carp. Many new

 canals and aquaculture facilities were built. Production
 of local aquafeed with rice by-products

 Date: from 01-10-85 to 01-10-86.

Location: Bohol Island, The Philippines

 Client: Gi.Ca.An International Corporation

Supplier: Myself

 Duty: General Manager

 Details: This corporation was carrying on many activities

 which were under my supervision. These were:

 planning, construction, and management of a

 tourist village and MPA and a farm at Bohol Island;

 fish import-export activities; the feasibility study for
 an integrated project at Bohol Island; research and

 consultancy on rice system, Azolla, rattan, forestry

 integrated animal cum fish farming system, cattle,

 shrimp culture (Peneus sp), Leucaena leucocephala.

 The Manila-based office was coordinated by secretaries
 while the work implementation on Bohol Island was
 supported by about a hundred workers and two rural
 engineers who were mainly employed under my direct
 supervision in the construction of the tourist village
 and the joint agriculture farm.

 Date: from 01-01-84 until today

Location: Bologna, and overseas countries.

 Client: Edagricole society, Il Pesce and other national and international magazines, Europa the verra website \*www.Europace verra.com\*

Supplier: Myself

 Duty: Freelance journalist

 Details: Several articles about tropical aquaculture,
 fishery, forestry, feeding, zootechnics, and agriculture.

 Date: from 01-01-80 to 01-01-84

Location: Tunisia, Algeria, Morocco, Niger, Togo, Nigeria, Benin.

 Client: local clients

Supplier: Myself

 Duty: Owner

 Details: Distribution and sale of technology, spare parts import-
 export.

 Date: from 01-01-81, ongoing

Location: Bologna, Italy

 Client: agricultural farm owner

Supplier: Myself

 Duty: Consultancy as an agronomist

 Details: Assessment, appraisals, consultancy in agriculture and

 zootechnics, fruit campaign, cow house planning,

 a representative for Donaldson selected pig import from

 equipment, Forli’s Unique Court Consultant (CTU).

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 Official scientific collaborator for “Il Pesce” ed “Eurofishmarket” magazines

 More than 80 articles related to the fishery and sanitary consultancy services were accomplished by the author in national and international magazines and journals; a dozen training multimedia materials were prepared for the training during the fishery sanitary courses. The undersigned posed accent on fishery/aquaculture chain (production, processing, marketing); sustainable wastewater treatment with “Constructed wetland” system. Multimedia production of European Community Legislation for fishery products. (Reg. 852\3\4-2004 and related directives and regulations; in English, Portuguese and Russian. Several training materials DVDs were produced for the training course performed. Developing special adaptation of Rapid Fishery Rural Appraisal to perform studies and projects within the reality of the considered territory.
 **Production of: BIP construction guidelines and Sanitary Fishery Market Concept book; these two technical books were written with specific detail for Yemenite and Turkish conditions. Training concept (DVD) for the Food Safety Package for CA, seafood processor, and local artisanal fishery co-operatives was produced as course material.
Several publications and manuals on marine and freshwater aquaculture Best Practices**Miscellaneous

- Driving license Number U15193181E released on 28\11\2002
- Computer knowledge of different software (Office suite, Power
 the point, Map-info)
- Italian fiscal code NGR GLG 58P 14 A944O
- Identification code with the European Commission concerning the
 roster of experts: f8b98fb1f2ae3f4c3567837a0638

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