



# SEDRA

PROFESSIONAL SERVICES FOR RURAL DEVELOPMENT  
AND AGRICULTURE

## Mission:

SEDRA obtained its legal status in 2017 in Santiago, Chile, with the purpose to provide in Latin America and the Caribbean, technical assistance and professional consultant services, studies and counseling services to governments, international organizations, trade unions, technical institutes, universities and private enterprises that are linked to agriculture and development in rural areas. SEDRA aims to support natural resources, fishing, livestock and forestry among others in the following:

## Public policies:

- Development and evaluation of public policies.
- Project development, design and evaluation
- Design and management of technological innovation programs.
- Design and evaluation of development tools.
- Chains, clusters and networks analysis and strengthening
- Rural poverty and development
- Environment, soil, water and biodiversity management and climate change.
- Gender and development analysis
- Landuse planning

## Socio-economic and environmental sustainability of agriculture and natural resources:

- Good practices and certification of value chains.
- Sustainable intensification and climate change mitigation
- Crops, forests and livestock management
- Smart climate Agriculture
- Markets of origin, traceability, inclusive businesses and business plans for agroproductive chains.
- Food safety quality and management of post-harvest losses

## About us:

SEDRA (Professional Services for Rural Development and Agriculture) is a non-profit corporation composed by a group of retired officials from the Food and Agriculture Organization of the United Nations (FAO). We are long-term professionals and senior academicians with extensive experience working in FAO and other international institutions in the areas of design and evaluation of public policies, programs and projects, institutions, development of instruments and networks for innovation in agriculture, forestry, livestock, fisheries, rural sectors and food security.

In these fields, we developed interdisciplinary projects in various thematic areas in countries of Latin America and the Caribbean, Europe, Africa and Asia, with special emphasis on rural poverty, food security and environmental sustainability. To respond to specific demands or to complement its offer of professional services, SEDRA integrates in addition a network of professional associates from different disciplines.

## SEDRA Professionals and fields of competence:

**Marcela Ballara:** PhD in International Education, University of Stockholm; Master in Development and Communication (MA), Universidad Iberoamericana, México; Degree in Education and Social worker Catholic University, Chile, Director Training Department INDAP-Chillán, Agriculture Ministry Chile. Researcher, Institute of International Pedagogy, Stockholm, University and Senior international consultant in education Portugal. Senior expert Ministry of Education, Guinea Bissau. Culture for Peace Program Senior Consultant for UNESCO and SIDA in El Salvador, Guatemala, Guinea Bissau, Mozambique, Cape Verde and South Africa. United Nations Development Programme (UNDP) Independent States (CIS) Senior Regional Gender Consultant. In Turkey, it supports projects for rural women as a FAO and UNICEF expert. Senior Gender Manager, International Organization for Migration, Geneva. Between 1999/2009 she work in FAO as Gender and Rural Development Senior Officer for Latin America and the Caribbean, in charge of providing technical assistance, promoting and supervising projects in countries of the region. After retirement she worked at

UNWOMEN as Senior gender consultant on prevention and impact of natural disasters and climate change (Lusophone Africa). Later and as IFAD Consultant she worked supporting the development of rural women small business (Central America) and in USAID-ACEDI-AVOCA on gender and value chains (Mozambique) Currently, she is a Senior Adviser for the Women Popular Education Network in Latin America and the Caribbean (REPEM), supporting policy development , gender analysis and virtual training courses. Web: [www.marcelaballara.cl](http://www.marcelaballara.cl)

**Carlos Marx R. Carneiro:** PhD in Forestry Sciences, University of Freiburg, Germany,1978; Master of Sciences(MSc) in Agricultural Engineering, UFSM1975; Forestry Engineer, UFV, Brazil,1972. Professor of Forestry for the Schools of Forestry, Agronomy, Geography and the Graduate School of Agricultural Engineering,UFSM,Brazil. Director and Associate President of the Brazilian Forest Service and Associate President of the Brazilian Institute for the Environment and Renewable Natural Resources. Director FAO / UNDP projects for sustainable forest management of the Brazilian Amazon. President of the College of Foresters of Brazil(1984/87) . In the last 40 years, he served as consultant with UNDP, ITTO, WMO as well as , INPA and CNPq of Brazil. FAO Coordinator of the Tropical Forests Action Program in the Tropics-TFAP for Latin America and the Caribbean, Rome, and Officer in charge of Asia and Africa. International Director of the Forest Action Plan of Ecuador(1988/1996). Since 1997, FAOSenior Forestry Officer for Latin America and the Caribbean; Technical Secretary of the Forestry Commission for Latin America and the Caribbean and FAO Regional Conference for Latin America and the Caribbean. He assisted more than 60 countries in forestry policies, sustainable forest development, forest governance, forestry education, capacity building in natural resources and climate change addressed to national institutions. Senior Adviser of the Forestry Center of Castilla y León, in Spain, 2012/13. From 2013, international consultant to the International Tropical Timber Organization, Japan.

### Gender Mainstreaming

- Access to resources, services and decision-making in rural areas with a focus on Gender equality
- Agricultural policies that includes gender equality objectives and includes gender indicators in their results.
- Organizational development that include rural women empowerment and gender inequalities expressed in policies and strategies.

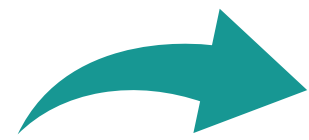
### Forestry

- Forest resources role in mitigation and adaptation to climatic changes.
- Forest resources for family and sustainable community development;
- Natural Resources Governance as an critical factor for Latin America economic and social development.

**Juan Izquierdo Fernández:** Ph.D. in Crop Sciences, Michigan State University; M.Sc. in Horticulture, New Mexico State University; Agricultural Engineer, University of the Republic, Uruguay. Researcher, Las Brujas Experimental Station, National Institute of Agricultural Research, Uruguay. Associate Professor in Plant Physiology and Director of the Plant Biotechnology Laboratory, Concepción University, Chile. Director, Master in Technology Management in Biotechnology, Talca University, Chile. FAO's Senior Officer in Plant Production for Latin America and the Caribbean since 1988. Founder and Technical Secretary for 18 years of the REDBIO / FAO Agricultural Biotechnology network supporting the training of human resources and the generation of policies on biosafety in Argentina, Chile, Paraguay and Uruguay. Technical leader and FAO coordinator for sustainable development projects, good practices, rural and peri-urban farmers' field schools in Colombia, Ecuador, Paraguay, Peru and Venezuela. Founding Editor of the Agro-Science Journal, Chile; Editor y founding member of the Electronic Journal of Biotechnology; Member of number of the Academy of Agricultural Sciences of Chile since 2009. Author



of more than 120 published works, books, articles, videos and manuals in biotechnology, horticulture, hydroponics, urban agriculture, family farming, good agricultural practices, farmers' field schools and sustainable agricultural intensification. He retired from FAO in 2009, currently an international consultant on sustainable family agriculture projects and technical advisor on bio inputs at Tafirel, Uruguay.



## Food production and agriculture

- Family Agriculture and inclusive markets.
- Good practices for resources conservation and mitigation of climate change impacts on family agriculture.
- Sustainable intensification and smart agriculture for the economic and social development of small and medium-sized agricultural family enterprises.

**Andrés Mena Millar:** Cuban marine biologist. He received his bachelor's and master's degree from the Higher Technical Institute of Kaliningrad, Russia. Postgraduate studies in fishery economics and planning and in the law of the sea and fishery legislation, in Cuba, where he worked as a researcher in fishery biology and was director of fishery and aquaculture research. He also led in his country the management and protection of living aquatic resources and their environment. He was responsible for the technical supervision of various Cuban fishery cooperation programs with countries in Africa, Latin America and Eastern Europe. FAO Fishery Development Officer (1986-1993) and Senior Fishery and Aquaculture Officer and Secretary of the Commission for Inland Fisheries and Aquaculture for Latin America and the Caribbean (COPESCAL), 1983-2000, providing technical advice to member countries on fishery and aquaculture policies and development, and specific economic and social support projects for small-scale fisheries and rural aquaculture. Since 2000, he has been a FAO consultant on fisheries and aquaculture development and management projects in Latin America and Central Asia, and has carried out several regional studies on training, research and technology transfer in fisheries and aquaculture



## Fisheries and aquaculture

- Aquatic resources protection for sustainable development in Latin America and the Caribbean.
- Use of fishery resources for the improvement of the living conditions and the food security of coastal communities.
- Aquaculture for economic and social sustainable development for rural communities.

**Jan VanWambeke:** Agricultural Engineer in "Soil Science" with postgraduate degree in Tropical Agriculture from the Faculty of Agronomic Sciences of Gembloux, Belgium. His professional career began in Africa (Sierra Leone, Mozambique and Burkina Faso) where he worked for 15 years as a FAO expert on soil mapping and assessment of land potential and participatory approaches to development. He was promoted to Lead Technical Adviser to the FAO "Laderas Agriculture" Project (1994-2002) in El Salvador, C.A., which covered all aspects of integral rural development and soil and water management and conservation (micro watersheds). In 2002, he assumed the position of Regional Senior Officer in Lands and Waters at the FAO Regional Office in Santiago, until 2015, in charge of following up field projects at regional level and coordinating Environment and Climate Change Group for several years. He carried out numerous consultancies in Africa and the Middle East on agroecological zoning and in Asia on the subject of land evaluation systems for agriculture. Speak and write in Spanish and write in four languages



## Natural resources and climate change

- Territorial management taking the basin and / or micro watershed as an area of socio-economic planning for the sustainable use and management of natural resources (land and water).
- Implementation of good agricultural practices in adaptation and resilience of the effects of climate change on agricultural production at local and regional level.
- Water use and management efficiency for agricultural production.



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