

Curriculum Vitae - Melaine KERMARC



Name: KERMARC **First names:** Melaine, Pierre
Date of birth: 28/02/1987 **Marital status:** Married, 1 child
Nationality: French **Skype:** melaine.kermarc
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Diplomas:

<i>Institutions</i>	<i>Dates</i>	<i>Diplomas obtained</i>
Trinity College Dublin and University College Dublin	2010 - 2012	Master of Science in Development Practices
Aix-Marseille University	2006 - 2009	Bachelor's degree in population and ecosystem biology
Agricultural Training and Promotion Centre (CFPPA) - Olivier de Serres	2019	Professional certificate of agricultural business manager

Level of known languages (1 - excellent; 5 - basic):

<i>Languages</i>	<i>Lu</i>	<i>Spoken</i>	<i>Written</i>
French	1	1	1
English	1	1	1

Basic Russian, Spanish and Lingala.

Computer skills:

Windows/Mac, Office Pack, Adobe Suite, Kobo ToolBox and GIS: basic use of ArcGIS

Main qualifications:

- **Agroecology and regenerative agriculture:** Rehabilitation of degraded land using green manures; Establishment of agroforestry plots (fruit trees, endemic species and NTFPs); Micro-plantations of oil palm on degraded land; In-situ testing of the Intensified Rice Cultivation System (IRCS); Evaluation of organic agriculture development policies; Crop production in tunnels; etc.
- **Natural resource management and REDD+:** Diagnosis of pressures on forests and deforestation factors; Forest inventory (forest mapping, carbon stocks and flows and other greenhouse gases); Diagnosis and design of Payment for Environmental Services (PES) systems (Rwanda and DR Congo); Setting up of plots to measure carbon stocks; etc.
- **Local consultations and participatory approaches:** Rural surveys, following participatory approaches and the principle of Free, Prior and Informed Consent (FPIC); Analysis of socio-environmental risks and identification of risk mitigation measures; Establishment of complaint management mechanisms; etc.
- **Land-use planning:** Participatory mapping; Retrospective and prospective analysis of rural activities (agricultural production, NTFP collection, wood collection, etc.); Cost-benefit analysis of land-use scenarios; etc.
- **Vulnerability analysis and adaptation of agriculture to climate change:** Assessment of exposure, sensitivity and adaptive capacity to climate change; Identification of adaptation actions; etc.
- **Capacity building:** Training and support for the structuring of local communities or local NGOs; etc.

Specific experiences:

<i>Country</i>	<i>Dates</i>
Algeria	September to October 2022
Bhutan	July to September 2012
China	March 2021 to March 2022
Congo	September to October 2021; February 2020
United States	March 2014
DR Congo	February 2013 to December 2018; October 2019; February 2020; June to September 2021
Rwanda	June to August 2011
Senegal	October 2022 to June 2023
Togo	October to December 2022

Professional experience:

Dates	Location	Position and reference	Description
01/23 – 02/23	France SalvaTerra	Monitoring evaluation expert Réf. : Sabrina Pedrono, sabrina.pedrono@france-douglas.com TI : +33 6 62 81 15 46	Evaluation and lessons learned from the structuring and development program of the Douglas fir industry in France on behalf of “France Bois Forêt”: Analysis of the implementation, the results, and the level of completion of the objectives; review of the program's coherence, effectiveness, efficiency, impact, and sustainability; review of the means mobilized in relation to the ambitions of the program; identification of the lessons to be drawn for the financing of future programs. Funding France Bois Forêt (FBF).
10/22 - 06/23	Senegal SalvaTerra	Forest carbon expert Ref: Momar SOW momar.sow@environnement.gouv.sn	Evaluation of the potential of mangrove rehabilitation and their valorisation by carbon offsetting mechanisms for the Senegalese government: Review of existing projects; Identification of good practices in mangrove rehabilitation; Prospection on the potential of scaling up existing initiatives and their valorisation by carbon offsetting mechanisms; Analysis of the contribution of these projects to Senegal's international commitments in terms of mitigation. Funded by the French Development Agency (AFD).
10/22 - 12/22	Togo SalvaTerra	ESIA expert Under confidentiality agreement	Scoping study for the realization of an Environmental and Social Impact Assessment (ESIA) of a carbon sequestration project through the establishment of agroforestry plots (project led by an industrial actor): Assessment of the local context; Normative and legal constraints (World Bank safeguard policies and Togolese standards); Environmental and social issues; Operational planning of the ESIA. Funded by private investors, under confidentiality agreement.
09/22 - 10/22	Algeria SalvaTerra	Forest fire expert Ref: sjauffret@worldbank.org Tel: +1 240 736 8251	Support to the Algerian government in the revision of the forest fire prevention system. Bibliographic review of integrated forest fire prediction and detection systems, and their integration into forest information systems. Funding by the World Bank.
03/21- 03/22	China Oréade-Brèche	Climate change expert Ref: b.thuaire@oreade-breche.fr Tel: +33 6 31 80 21 83	Contribution to the feasibility study of the ecological rehabilitation of the Wuliangsu Lake: Assessment of the vulnerability to climate change of the Bayannur area; Identification of the risks linked to the proposed intervention; Operational recommendations for the ecological rehabilitation. Funded by the French Development Agency (AFD)
09/21 - 10/21	Congo AGRECO	Expert EESS / CLIP Ref: emilie.perreard@agreco.be Tel: +242 6 512 76 61	Technical assistance to the North Congo Forest Landscape Project (PPFNC) on the following topics: Analysis and management of socio-environmental risks; Complaints and conflict management mechanism; Guidelines on Free and Prior Informed Consent (FPIC); Information and awareness-raising methods for local communities and indigenous peoples (CLPA). Funded by the French Development Agency (AFD).
06/21- 09/21	DR Congo Fanfare Verte	REDD+ Expert Ref: frederic@fanfare-verte.com Tel: +33 7 67 26 53 72	Assessment of the feasibility of a REDD+ project in the Sankuru Community Forest Reserve in the DRC: Assessment of the capacity of the <i>Bonobo Conservation Initiative</i> to implement the project; Preparation and supervision of a field study; Framing, planning and budgeting of the FPIC process of the project with a view to project certification (Verra). Funded by private investors, under confidentiality agreement.

09/20	Congo AGRECO	FPIC Expert Ref: muriel.vives@agreco.be Tel: + 32 2 626 33 20	Advisory support to the Directorate General for International Cooperation and Development (DEVCO) on the implementation of the FPIC process for the creation of a protected area in the Messok-Dja forest in Northern Congo. Funded by the European Commission.
02/20	Congo / DR Congo US Forest Service	REDD+/CLIP expert Ref: olivia.freeman@fs-ip.us Tel: +33 7 85 33 38 79	Organisation and facilitation of a training workshop on the human rights-based approach and FPIC for the Sustainable Wildlife Management (SWM) Programme [implemented by US Forest Service (USFS) and Wildlife Conservation Society (WCS) in partnership with Forest People Program (FPP)]. Specific monitoring and coaching sessions on FPIC issues for NGOs and civil society organisations involved in SWM projects. Funded by the European Commission.
10/19	DR Congo Woodwell Climate Research Center	REDD+ Expert Ref: gbush@woodwellclimate.org Tel: +1 508 524 5974	Organisation and facilitation of a workshop for the development of a jurisdictional REDD+ programme for the province of Equateur: framework to reconcile sustainable development objectives and the reduction of deforestation; Green Climate Fund and carbon finance; REDD+ project set-up around private concessions. Funded by private investors, under confidentiality agreement.
09/17 - 12/18	DR Congo Wildlife Conservation Society	Forest and Climate Project Manager Ref: mwieland@wcs.org Tel: +1 515 357 3725	Support to all climate change related activities of the WCS DRC programme: Supervision of an under-shaded cocoa programme for deforestation reduction in Ituri Province; Support to the development and implementation of the Sustainable Wildmeat Program activities in Ituri Province, in partnership with CIFOR, CIRAD and FAO; Representation of WCS DRC at various meetings with donors, the government and Congolese civil society; Production of technical reports and capacity building of field teams on climate change, REDD+ and the use of various socio-economic data collection tools. Funding from USAID CARPE, European Commission, DFID and others.
08/17 - 09/17	DR Congo US Forest Service	Land Use Planning Expert Ref: olivia.freeman@fs-ip.us Tel: +33 7 85 33 38 79	Support for the finalisation of five customary land use plans for natural resources management in Mai-Ndombe Province. Review of a model fire management plan. Updating the methodology for validating land use plans to ensure proper community participation. Funded by USAID CARPE.
03/14	United States Brandeis University	Guest lecturer Ref: joeassan@brandeis.edu Tel: +1 781 736 3989	Guest-lecturer for a development Master programme addressing issues relating to Payments for Environmental Services (PES), REDD+, Free and Prior Informed Consent (FPIC), as well as on the challenges of implementation on the ground.

02/13 - 03/17	DR Congo Woodwell Climate Research Center	REDD+ project manager Ref: gbush@woodwellclimate.org Tel: +1 508 524 5974	<p>Project manager for a REDD+ pilot project:</p> <p>Opening of a field office, training of the project team. Supervision and capacity building of four implementing partners (a botanical garden, a higher education institution and two local development organisations).</p> <p>Supervision of the administrative and technical operations of a REDD+ pilot project: Financial management and reporting to the donor (Congo Basin Forest Fund of the African Development Bank); Monitoring and evaluation of the activities of the project's implementing partners; Coordination with national and provincial authorities (Ministry of Environment of Ecuador and National REDD+ Coordination) in the framework of the national REDD+ programme; Supervision of socio-economic baseline studies and field data collection for carbon stock assessment; Development and implementation of a communication plan; Production of educational and communication materials at local and national levels; Contribution to the development of an operational manual for FPIC implementation in the context of REDD+ in DRC; Writing and editing of reports, technical documents and policy briefs.</p> <p>Development and implementation of test activities to reduce deforestation: Pilot agroforestry plots (fruit trees, local species and NTFPs); Intensified rice system (SRI); Oil palm plantation on degraded plots; Rehabilitation of degraded plots through the use of green manure; In-situ testing of improved stoves; Participatory mapping and land use planning.</p> <p>Representation of the project at the international level at conferences, including COP 20, 21 and 22 (Peru, France, Morocco) as a member of the DRC national delegation.</p> <p>Closing of the project, final evaluation of its activities and participation in the capitalisation of experiences to inform the DRC's national REDD+ policy.</p> <p>Contribution to the design of biodiversity measurement tools for the Mana-Forest Project with the University of Life Sciences of Norway and coordination of data collection in the field.</p> <p>Funded by the African Development Bank (ADB) through the Congo basin forest fund (CBFF).</p>
07/12 - 09/12	Bhutan Royal University of Bhutan	Independent researcher Ref: saamdu.chetri@gmail.com Tel: +975 2 322354	<p>Study regarding organic farming practices in Bhutan and prospects for achieving Bhutan's 2020 target.</p> <p>Conducting a stakeholder analysis, semi-qualitative comparative survey of farms, cooperatives, agricultural extensions and interviews with Ministry of Agriculture officials.</p>
06/11 - 08/11	Rwanda ReDirect	Research intern Ref: n.gross-camp@uea.ac.uk	<p>Evaluation of the impact of Payments for Environmental Services (PES) for conservation around Nyungwe National Park through a randomised controlled trial (RCT). Conducting a life-cost analysis, collecting quantitative data, analysing with SPSS and producing a report for ReDirect, as well as presenting the main results.</p>

Publications:

[Morgan, E.A.; Bush, G.; Manda, J.Z.; Kermarc, M.; Mackey, B. \(2022\) Comparing Community Needs and REDD+ Activities for Capacity Building and Forest Protection in the Equateur Province of the Democratic Republic of Congo. *Land* 2022, 11, 918.](#)

[McNamara E.A., Kermarc M., Manda J.Z., Bush G. \(2018\) Tertiary Education Knowledge and Standards in Sustainable Development: A Crisis for the Democratic Republic of the Congo. In: Azeiteiro U., Leal Filho W., Aires L. \(eds\) Climate Literacy and Innovation](#)

[Bush, G; Kermarc, M & Manda J.Z. \(2015\) 'Free and Informed Consent in the DRC: Key strategic considerations for moving the policy process forward' Woodwell Climate Research Center \(formerly Woods Hole Research Center\)](#)

I, the undersigned, certify that the above information accurately reflects my situation, qualifications and experience.

St-Pierre-la-Roche, 10/10/2022

A handwritten signature in black ink, appearing to be 'V. M.' or similar, with a long horizontal stroke extending to the right.