

CV-Dr Syaka SADIO,

(Agriculture & Food security, Soil Sciences, Integrated Landuse planning, Water & Natural resource management, Environment & Climate change resilience and adptation)

1. Name: Syaka SADIO

2. Citizenship: Canadian

3. Permanent address:

1H#420, Abelard Street,
Montreal-Verdun, QC, H3E 1B5, CANADA

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4. DOMAINS OF COMPETENCE

Over 42 years of experience with 34 years of international expertise in research, sustainable development program and project formulation, implementation, management and Monitoring & Evaluation:

- Country development policy and programme review;
- Agricultural & Forestry development strategies
- Integrated watershed and natural resource management
- Land use management planning, Rehabilitation and conservation
- Sustainable Forest management and Landscape restoration
- Assessment of community vulnerability and development opportunities
- Food security and value chains
- Poverty reduction and inclusive growth
- Climate change adaptation and resilience, Risk and Disaster management
- Environmental and social Impact Assessment and management plan
- Programme/project design, implementation, monitoring & evaluation
- Strategic and result-based programme planning
- Assessment of Development Results
- Financial resource mobilization and budget management
- Staff and community capacity building (institutional, operational, technical, partnership, networks, etc.)

4. Specific credentials and abilities for the position

- Proven experience and good knowledge of UN (FAO, UNDP, UNEP, World Bank, etc.);
- Good knowledge of project evaluation criteria: assessment of project **Result Framework** (SMART indicators), project **relevance, effectiveness, efficiency, sustainability, and impact**, including implementation performance rating.

5. Country of work experience :

- **Africa:** West (Niger, Mali, Gambia, Guinea, Bissau, Mauritania, Senegal, Burkina Faso, Cote-D'Ivoire, Ghana, Togo, Benin, Nigeria), **Central Africa (Chad, Cameroon, Gabon, Equator Guinea, Rep. Congo, Democratic rep. Congo)**, East Africa (Ethiopia, Eritrea, Rwanda, Tanzania, Burundi, etc.), and SADEC (South Africa, Angola, Namibia, etc.)
- **Near East:** Iran, Iraq, Egypt, United Emirates, Lebanon, Syria, Yemen, Saudi-Arabia, Oman, Morocco;
- **Caribbean and Latin America:** Brazil, Bahamas, Dominican Republic, Haiti, Venezuela, Mexico, etc.
- **Europe:** Italy, Netherlands, France, Greece, Austria, Belgium, Germany, Spain, etc.
- **Asia:** Afghanistan, India, Thailand, Indonesia, Vietnam, Sri Lanka, etc.
- **Australia and Pacific Countries** (Nuru, Vanuatu, etc.: **UNDP/GEF Projects**)

- **Canada** (ADA-Consultants, AGRITEAM; SNC-LAVALIN Inc; Roche Ltd); **USA** (ARD Inc., Berlington, Vermont)

6. Education :

- **Ph.D.**, Agricultural Sciences (Land, Soil & Water), Agricultural University of Wageningen, Netherlands
- **1984-1986**. Certificate in Nuclear Techniques Applications in Soil-Water-Plant Relationship Studies, IAEA, Vienna, Austria.
- **1982**. Doctor-engineer in Agro-Eco-Pedology: University of Nancy I, France
- **1981-1982**: Certificate in Economic sciences, University of Nancy II (faculty of Economics and Law);
- **1988**. Certificate in project management and monitoring, *ISNAR(Netherlands)/ISRA(Senegal)-Training Program*
- **1980**. Master of Sciences (DAE) in Agro-Eco-Pedology: University of Nancy I, France
- **1979**. Bachelor of Sciences in Forestry & Environmental engineering Sciences, Institut Agronomique Hassan II-ENFI, Salé, Morocco

7. Membership of Professional Associations:

- **2003- Present: Member of the International Organizing Committee of World Agroforestry Congress**
- **1987-Present: Member of the International Soil Science Society; Chairman of the Working Group A (Acid sulphate soils) and Editor of Acid sulphate soils Newsletter (1990-1999), Co-organizer of the Fourth international symposium on Acid sulphate soils and associated saline soils (Ho ChiMinh City, Viet Nam, September 1992).**
- **1987-1990: Founding Member; General Secretary of West and Central Africa Soil science society**
- **1986-1990: Founding Member, General Secretary of Senegal Soil Science Society**

8. Languages:

- French (excellent),
- English (excellent),
- Spanish (Good);
- Arabic (fair),

9. PROFESSIONAL EXPERIENCE

9.1. Employment records

2007 – to date	<p><u>Employer:</u> AFEN-CONSULT INC. AFEN-CONSULT INC.</p> <p><u>Position:</u> President and Executive Chief Officer</p> <p>Overall corporation administration; Financial and Human resource management; Contacts, partnership agreement opportunities, bidding and coordination of program/projects and expert teams.</p>
September 1990 - March 2007	<p><u>Employer:</u> FAO, Rome (September 2006 - March 2007)</p> <p><u>Employer:</u> FAO, Rome (February 2006 -August 2006)</p> <p><u>Position:</u> FAO/TCEO, Kabul, Afghanistan: Field Staff/Chief Technical Adviser-Team Leader of Project-OSRO/AFG/506/WFP “Central highlands watershed management in Bamyan province, Afghanistan”</p> <p><u>Employer:</u> FAO, Rome (May 2005 -January 2006); FORC</p> <p><u>Position:</u> Forestry-LFCC Officer-Implementation of Tehran Process-low forest Cover Countries</p> <p><u>Employer:</u> September 2001 - April 2005</p> <p><u>Poste:</u> Agroforestry and Land use officer</p> <p><u>Employer:</u> FAO, Accra (Ghana) (November 2000 - August 2001)</p> <p><u>Position:</u> Country Programme Officer, Regional Office for Africa (RAFR), Accra, Ghana: Responsible for programme portfolio (12</p>

	<p>million \$US and operations for: Ethiopia, Eritrea, Liberia, Malawi and Tanzania</p> <p><u>Employer:</u> FAO, Rome (July 1994 - April 1997)</p> <p><u>Position:</u> Chief Technical Adviser-Team Leader: Projects GCP/CHD/024/NET “Rural Forestry and Forest Resource Management and TCP/CHD/4451 Support to Gum Arabic Production and Promotion, N'Djamena, Chad”</p>
	<p><u>Employeur :</u> FAO, Rome (Septembre 1990 - Juin 1994)</p> <p><u>Poste:</u> Expert (P4)/Soil Conservation and water management Expert; FAO, Rome: UNDP funded project NER/89/004 Protection of agricultural lands and villages against sand dunes in Zinder/Diffa, Niger</p>
Mai 1997 - Octobre 2000	<p><u>Employer :</u> Sciences & Techniques Agricoles, Dakar, Senegal S.T.A)</p> <p><u>Poste:</u> Executive Director of “Agricultural Sciences and Technologies STA-Sarl” [Private research and consultancy firm], Dakar, Senegal</p>
	<p><u>Employer :</u> ISRA/ORSTOM (Office de Recherches Scientifiques & Techniques d’Outre-Mer), Dakar, Senegal</p> <p><u>Position:</u> Senior Soil Resource Research Officer,</p>
	<p>1984-1990: Senior Coordinator of land use and & water resource management research programme: Carried out scientific research on Saline acid sulphate soils, Soil-Water-Plant (crops and trees) relationships, Soil and water management and Crop irrigation requirements</p>
	<p>1986-1990: Scientific Co-ordinator of Agroforestry and Forestry Research</p>
	<p>1986-1990: Associate Lecturer: Soil properties and agricultural production:</p> <ul style="list-style-type: none"> • 1986-1990 : <u>Institut National de Développement Rural, Thiès, Senegal :</u> • 1984-1988: <u>Agroforestry Training Centre (Centre de recyclage), Kaolack, Senegal</u>
Novembre 1979 - Juillet 1990	<p>1988-1990: Associate Lecturer on “Climate change and drought impact assessment” at the <u>National Institute for Sciences and Technology (University of Dakar), Senegal:</u> Teaching post graduate students on "Approaches and Strategies to combat and mitigate impacts of desertification process in Sahel".</p>
	<p>1987-1988: Senior Coordinator of ISRA-UNDP/UNSO project: Evaluation of agricultural potential of Saline & acid sulphate soils (Tannes) of Sine Saloum (Senegal):</p>
	<p>May 1985-June 1990: Technical Adviser in Soil conservation, to the <u>Director of Soil Conservation and Afforestation Directorate of the Ministry of Nature Protection:</u> Monitoring and internal evaluation of the Forestry Department projects (more than 20 projects a year)</p>
	<p>January-December 1983: Senior Land and water management, and irrigation specialist/Chief of Podor Research station on Crop and tree irrigation techniques (in the Senegal River valley)</p>

9.2. Program and project implementation and Coordination, including Policy advisory

December 2022: Proof reading, Review and Selection of research projects “Climate change, Water management and Natural resource management”, University of Mohamed VI, Ben Gherir, Morocco.

June-September 2022: FAO International Consultant -Team Leader -Mid-Term Evaluation of «Initiative de restauration tri, projet child de la rdc : amelioration de la gestion et de la restauration des

ressources agro-sylvo-pastorales dans la province pilote du sud-kivu (GCP/DRC/054/GFF-FEM : 9515) »

**April-November 2022: International Consultant -Team Leader “MID-TERM EVALUATION of -
"Mano River Union Ecosystem Conservation and International Water Resources GEF-IUCN
Management (IWRM) - Ref.: GEF-N °: 4953/IUCN-ID: P01885”.**

March 2020-March 2021: International Consultant: Terrestrial Consultant (Forestry, Agriculture and Land Use Planning): Formulation of the GEF-PPG Project “ADAPTATION TO CLIMATE CHANGE IN THE COASTAL ZONE OF VANUATU” - (VCAP2-PIMS: 6374)

April-September 2019 : International Consultant/Senior Technical Advisor « Integrated Agricultural Land Use Management Plan (urban design, agriculture, infrastructures, forest and natural resource management, biodiversity, etc.), Nauru Island Rep.. PNUD-FIJI/NAURU-GEF-PIMS-5218) ;

Mai-July 2018: International Consultant, Team Leader/Terminal Evaluation of the “Programme Support for Climate Change Adaptation in the vulnerable regions of Mopti and Tombouctou PACV, PIMS :4789, UNDP-Mali).

January 22nd-February 17th, 2018: International Consultant, Team Leader/Environmental and Social Impact assessment for the “Feasibility study and elaboration of Conceptual Note for the Project “Strengthening resilience and adaptation to climate change in the coastal zone of Guinea”.

**May-June 2017 : International Consultant -PNUD Liberia : Terminal Evaluation Project GEF- (PIMS 3975) « Enhancing Resilience of Vulnerable Coastal Areas to Climate Change Risks in Liberia-
Renforcement de la résilience des zones vulnérables côtières aux risques de changement climatique au Liberia ».**

April (22) -31MNovember 2017: International Consultant /Sustainable Human Development profile: « Evaluation of CPAP 2008-2013 et CPAP 2014-2018 of PNUD-Togo »; **Independent Evaluation-Bureau of PNUD-New York, Member of a team of 3 experts (2 international & national).**

February-March 2017: International Consultant, Team Leader: Terminal Evaluation of GEF-UNDP/SRI LANKA (PIMS 3013) “strengthening capacity to control the introduction and spread of alien invasive species in Sri Lanka”.

October-December 2016: International Consultant, Team Leader: Mid-Term Evaluation of UNDP/GEF-GUINEA Project “Strengthening farmers communities livelihoods resilience against climate changes in the Guinean Prefectures of Gaoual, Koundara and Mali (ID:PIMS 4615; GEF-ID: 4692)”.

December 2015-May 2016: International Consultant: Terminal Evaluation of Project- NAM 00083537 PIMS-3982 GEF-ID 3396– “Improving SLM and UNCCD policy and practice interaction in Sub-Sahara Africa through civil society capacity building”.

November-December 2015: International Consultant (Team Leader): Terminal Evaluation of PLECO-PIMS. 3225; GEF ID) : “Projet de Lutte contre l’Enselement des Cuvettes Oasiennes, Zinder et Diffa »; GEF/UNDP-NIGER.

April-December 2015: Senior technical Advisor on “Agricultural best practices and Watershed management”: REMA-Lake Victoria Environmental Management Project (LVEMP II)-WORLD BANK:

June-August 2015: Monitoring and Evaluation of the implementation of 7 GEF/UNDP funded projects (Short-term International consultant), UNDP-Haiti (15 million \$US):

June-September 2013: International Consultant: Post-evaluation of The African Transboundary River Basin Support Programme “INTEGRATED WATER RESOURCE MNAAGEMENT (IWRM)”, five river basins organizations: (i) The Lake Chad Basin; (ii) The Volta Basin; (iii) The Orange-Senqu Basin; (iv) The Niger Basin; (v) The Kagera Basin. Global Water Partnership Organization, Stockolm, Sweden 902000 – 3845, Drottningatan 33, SE-111 51 Stockholm. SWEDEN

June 2011-August 2011: International Senior Consultant/Ecology-Biodiversity specialist; AFEN-CONSULT INC/SNC-Lavalin –SLII, Montreal, Canada: NELSAP and World Bank -Rusumo Falls “Feasibility studies of the Hydro electrical power plant and irrigation dam on Kagera river (Burundi, Rwanda and Tanzania)” –Phase 2: Appraisal of project and dam impacts on environmental, land and socioeconomic issues and Development of household compensation and resettlement plan:

February-June 2011: Senior international Evaluation consultant/Environmental specialist: Post-Evaluation of Lessons learned and outcomes from the Implementation of NBA/World Bank-UNDP “Project “GEF-Reversing land and water degradation trends-ITDTE/BN” (Benin, Burkina Faso, Cameroon, Chad, Côte-d’Ivoire, Guinea, Mali Niger, Nigeria):

28 September-04 November 2007: International Senior Consultant/Soil, water and fertility management-ARD (USA); Burkina Faso MCC (USA) project -Due Diligence Mission: I was a member of a multidisciplinary team composed of over 20 local and international experts. The mission aimed to evaluate and assess the feasibility of three project proposals submitted by the Government of Burkina Faso to USA for funding under MCC programme.

1999 (3 months in two missions; June & December, Egypt): International Senior Consultant/Expert on Land, Soil and water management and tree planting on arid saline & alkaline soils - FAO-RNE, Egypt: Project TCP/EGY/7821 “Preparation of National Tree Planting Plan and Development of Peri-Urban Forestry plan, using treated sewage water”.

9.3. Research coordination and University lecturing

1999-2000: Climate changes and drought impacts on environmental and forest resource changes Joint Drylands and ISRA research programme “Policy requirements for farmer investment in semi-arid Africa”. Dryland Research, Crewkerne, U.K.

Nov-1979-July 1990: Senior soil resource Research Officer, ISRA/ORSTOM (Office de Recherches Scientifiques & Techniques d’Outre-Mer), Dakar, Senegal

10. SELECTED SCIENTIFIC PUBLICATIONS (Full papers on request)

1) Books

Sadio, S., Dione, M. and Ngom, S., 2000: Tree and Forest Resource Management in Diourbel Region (Senegal). Joint Drylands and ISRA research programme “*Policy requirements for farmer investment in semi-arid Africa*”. Dryland Research, Crewkerne, U.K. Working Paper No. 17, Senegal Series, 34 pp.

Sadio, S., 1991: Soil genesis and forestry potential of Saline Acid sulphate soils in the swamps of Sine Saloum. PhD thesis, Agricultural University of Wageningen. Edited by ORSTOM [ISBN: 270991039-X], 270 pp.

Mead D. and S. Sadio, 2004: Agroforestry & Food Security: Challenges in the Developing Countries – D. Mead, FAO of the United Nations, Golden Bay, New Zealand; **S. Sadio, FAO of the United Nations, Rome, Italy.** Book of Abstracts: 1st World Congress of Agroforestry “*Working Together for Sustainable Land Use Systems*”; 27 June – 2 July 2004; Orlando, Florida, USA; p6

Konijnendijk C, S. Sadio, T.B. Randrup and J. Schipperijn, 2004: Urban and peri-urban forestry in a development context - Strategy and implementation. Journal of Arboriculture, 30(5), September 2004, pp269-276.

3) Consultancy reports: Complete list of over 30 papers available on request

11. COMPUTER SKILLS

Good computer skills, including knowledge of several software packages (word processing, ACCESS, MSOFFICE 2007, ATLAS GIS, ARCVIEW, etc.)

Full Name and Signature:

Date Signed: Janvier 07th, 2024



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