

CURRICULUM VITAE

PERSONAL:

Name: Shadrack Stephen

Date of birth: 06th February, 1978

Marital status: Married

Language: English, Kiswahili

Nationality: Tanzanian

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PROFILE:

High caliber in **NATURAL RESOURCES ASSESSMENT, PLANNING AND MANAGEMENT PROFESSIONAL** with expertise in mapping and Information and Communication Technology (ICT) disciplines. Experience includes fields of Community Based Resources Management (CBRM), Participatory Land Use Planning, Mapping as well as Geographic Information Systems (GIS).

TRANSFERABLE SKILLS:

- Natural resources assessment and Management
- Urban and Rural Development planning skills
- Project planning and management skills
- Participatory Rural Appraisal skills
- Integrated Research Methodology skills
- Environmental planning and management skills
- Computer skills which include proficiency in SPSS package, MS project planning, GPS, GIS applications

AREAS OF INTEREST:

- Research in biodiversity conservation and sustainable rural development planning matters
- Planning and Managing the use of resources for sustainable development with application of GIS tools
- Capacity building through the participatory approaches

EMPLOYMENTS RECORD:

2008 to date:

Employer: Tanzania National Land Use Planning Commission

Designation: Senior Research Officer, head of research and documentation section

Department: Research and documentation

Duties and responsibility:

- To implement National Land Use Commission Research Agenda.
- To carry out research on natural resource, biodiversity as directed or commissioned from time to time by the Commission or external clients.
- Researches on growing participatory approaches and recommend adoption by the Commission.

- To coordinate research on land Use matters with other government Institutions, Partners, NGOs/CBOs and Private Sector.
- Conduct participatory land use planning
- Establish and maintain documentation centre.
- Maintain land information system for the Commission.
- Establish, adopt and maintain Geographical Information System
- Keep all technical Commission records.
- Represent the commission to Tanzania environmental portal
- Collection and management of data for Tanzania Environmental portal

FIELD EXPERIENCE:

- Conduct land evaluation and natural resource assessment and management in Tanga, Mkuranga, Bagamoyo, Masasi, Liwale, Lindi, Pangani, Rufiji and Mafia.
- Conduct participatory Land Use planning in Bariadi, Namtumbo, Songea, Iringa and Kilolo

SELECTED PROJECTS:

- Principal Investigator on a **Biodiversity Information Management Tool (BIMT) for Identification of High Plant Conservation Priority Areas in Tanzania project**, funded by JRS Biodiversity Foundation. The project is implemented by four institutions; the National Land Use Planning Commission (NLUPC), the Tanzania Commission for Science and Technology (COSTECH), the Tanzania Forestry Research Institute (TAFORI), and the Missouri Botanical Garden (MBG).
- Project leader on **Natural Resource Assessment and Participatory Village Land Use Plans of four (4) villages of Kilolo District** under the **World Bank, DFID, SIDA, Danida, and the Government of the Netherlands** as a part of the Business Environment Strengthening for Tanzania (BEST) Program, Land Reform sub – component of private sector competitive project(2011).
- Researcher on **Natural Resource Assessment and Participatory Village Land Use Plans of forty four (44) villages of Bariadi district** under the **World Bank, DFID, SIDA, Danida, and the Government of the Netherlands** as a part of the Business Environment Strengthening for Tanzania (BEST) Program, Land Reform sub – component of private sector competitive project(2009-2010).
- Team member in **Land capability Assessment and Land Use planning in fifteen (15) Tanzania coastal districts** under **World Bank, IDA Fund, Component 2 of the Marine and Coastal Environmental Management Project (MACEMP)(2008- 2011)**.
- Team member in conducting **Village Resource Assessment and preparing participatory Village Land Use Plans** in seven (7) villages of Msindo ward, Namtumbo Districts, 2009.
- Team member in **Village Land Adjudication process and provision of Customary Certificate of Right of Occupancy (CCRO) of seven (7) villages** of Namtumbo districts, under the **Strategic Plan For Implementation of of Land Act No.4, Village Land Act No.5, Land Disputes Courts Act No. funded by the European Union, 2009.**

- Spatial planner in **Land Use Planning for Kibamba Satellite Town**, Dar es Salaam Peri-urban areas Development Project, 2007 funded by the Ministry of Lands, Housing and Human Settlement Development, Tanzania.
- Researcher fellow on the study of **Effectiveness of Community Based Forest Management in Transforming Local Uses of Forest Resources in Rufiji district** a study by IRD France and the **Institute of Resources Assessment (DSM)**, 2007.
- Researcher fellow in a study of the **Strength of Civil Society Networks in Tanzania** carried out by the University of Dar es salaam (January 2007-February 2008).
- Researcher fellow **Environmental Impact Assessment on sugarcane production for proposed Bio-fuel project in Rufiji and Bagamoyo districts** by SECAB, 2007.
- Researcher fellow in the study on **Functionality of Town centres and Supra Local Infrastructures for Rural livelihoods and natural resource utilization** in Songwe river basin, 2007.
- Carried out the study on the **Impact of Fishing Livelihood Activities on Land Use pattern in wetland areas in Lake Victoria Basin**, 2006.
- Preparation of **Iringa Rural District Social economic and Integrated Regional Development profile** in 2004.

SELECTED CONFERENCE AND WORKSHOP ATTENDED:

- Training workshop on **preparing and uploading initial data to develop GIS-web-portal** organized by National Environment Management Council (NEMC) and United Nation Environmental Programme (UNEP) on 19th to 23rd July 2010.
- Training workshop on **Estimating Cost Elements of REDD+ activities in Tanzania**, organized by UN-REDD Programme/UNDP on 6 October 2011.
- Training workshop on **How to use TanBIF-GIS Tool for supporting Biodiversity Policy and Decision Making in Tanzania** 27th to 29th July 2011. This training was offered under the leadership of Global Biodiversity Information Facility (GBIF) and Commission of Science and Technology (COSTECH).
- Training workshop on **How to publish three types of biodiversity data (primary occurrence data, taxonomic names and checklists and dataset metadata) using IPT** organized by COSTECH, 1st to 3rd June 2011
- Workshop on **Sustainable Conservation of Natural Resources within Selous–Niassa Wildlife corridor**, organized by WWF on 7th to 8th, November 2011.
- **Pre-Durban COP17 Policy Dialogue** Workshop organized by the Tanzanian Civil Society Forum on Climate Change (ForumCC) and Citizens Global Platform (CGP) October 11th 2011.

- 9th meeting of the **Sectoral Council of ministers for the Lake Victoria Environment Management** held on 22-26 August, 2011. Kisumu Kenya.
- Workshop on **Forest land tenure changes and Wetland, Biodiversity and livelihood** organized by Sokoine University of Agriculture, Faculty of Forestry and Nature Conservation, Departments of Forest Biology and Forest Mensuration and Management and Norwegian University of Life Sciences (UMB), Department of Ecology and Natural Resources Management held on 17–19 November 2011, at Blue Pearl Hotel, Dar es Salam, Tanzania

PUPBLICATIONS:

- Stephen, S. 2011. Village Land use planning practice: Experience from Liwale, Nachingwea and Nanyumbu Districts, Unpublished report, submitted to WWF.
- Stephen, S. 2010. Modeling climate change induced conflicts on land use systems in forty four (44) planed villages in Bariadi district.
- Stephen, S. 2008. Effectiveness of Community Based Forest Management Approach in Transforming Local Uses of Forest Resources in Rufiji district. A Dissertation Submitted in Partial fulfilment of the Requirement for Degree of Masters of Science in Natural Resources Assessment and Management (NARAM) of the University of Dar es Salaam.
- Stephen, S. 2008. Impacts of Uranium Exploration Activities to Rural Livelihood at Mkuju area in Likuyusekamaganga village, Namtumbo District. Unpublished report, submitted to MANTRAX, URANEX and WESTERN METAL COMPANIES.
- Stephen, S. 2008. Assessment of the Nature and Capacity of Non Governmental Organizations in Community Based Forest Resources Management. Unpublished report.
- Stephen, S. 2006. Impact of Fishing Livelihood Activities on Land Use pattern in Lake Victoria Basin. A Dissertation Submitted in Partial fulfilment of the Requirement for Degree of Bachelor of Science in Urban and Regional Planning of the University of Dar es Salaam.

MEMBERSHIP:

- Active and official member from NLUPC on **Development and establishment of Tanzania Environmental Information System** hosted by National Environmental Management Council and United National Environmental Programme
- Active and official member from NLUPC **on Development and establishment of integrated Land Management System** hosted by Ministry of Lands, Housing and Human Settlement Development.
- A member of **Data Sharing and Database Interoperability Committee**, to advise the Governing Board and the Secretariat on Development and implementation of action plan for Data sharing mechanism TanBIF/Costech.

COMPUTER LITERACY:**Operating Systems and Office Applications**

- Familiar with Microsoft Windows and Apple Macintosh Operating Systems.
- Microsoft office, SPSS for performing calculations and analysis

Natural Resources Planning and Mapping Software (GIS Packages)

- ArcGIS 9.3, ArcView 3.2, Quantum GIS and Map Info softwares for mapping and image analysis.
- AutoCAD R2000-2005 for designing and presenting 3D plans.
- ILWIS Academic for Satellite image processing and analysis.

GPS Data Processing Software

- SKI-Software for processing field data collected by Leica GPS System.
- Pathfinder Office for processing data from Trimble GPS

Global Positioning System (GPS) Instruments

- Trimble Juno ST handheld GPS
- Garmin handheld GPS

EDUCATION:

2006- 2008 University of Dar es Salaam, Tanzania
Msc in Natural Resource Assessment and Management (NARAM)

2001 – 2006 University of Dar es Salaam, Tanzania
Bsc (**Hons**) Urban and Regional Planning (URP)

2006 University of Dar es Salaam, Tanzania
Certificate of entrepreneurship

1998 – 2000 Mkwawa High school
Advanced Level Secondary Education

1994 – 1997 Ngudu Secondary School
Ordinary level Education

REFEREES:

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