

**Department of Economics (DoE) – University of Dar es salaam**

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**Development Economics Research Group – Copenhagen University**

*Growth and Development Research Project (GDRP) Report*

**FINAL REPORT FOR PHASE I**

**Submitted to Danish Embassy, Dar es Salaam**

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## **1.0 INTRODUCTION**

This is a Final Report of the activities for Phase I of the Growth and Development Research Project. The report takes a stock of activities that were undertaken for the entire period of Phase I of the project (Year I to Year III). It also highlights on the way forward regarding implementation of Phase II of the project.

## **2. BACKGROUND**

GDRP is a result of an agreement between Department of Economics of the University of Dar es Salaam (DOE-UDSM) and Development Economics Research Group of the University of Copenhagen (UCPH-DERG) to establish a collaborative project to address the need for improved capacity in policy analysis for Tanzania. It was envisaged that strengthening both research and teaching capacity at the DoE–UDSM will have great impact on both the academic community and more broadly on the country through knowledge generation and dissemination by informed dialogue, policy briefs and publications. Furthermore, improving the capacity to undertake research would also enhance quality of teaching in the university and forge interface between the university and policy makers in Tanzania. Under GDRP, capacity is strengthened through various channels, including:

- i) Widening the research scope by linking researchers with complementary skills/expertise, and enhancing experience of the researchers by enabling them to engage with partners overseas.
- ii) Introducing researchers to new skills and ideas, increasing the impact of research on the country and global economy at large, and making it relatively easier to address the more current global issues such as climate change, healthcare concerns, as well as social security and other issues that require international attention.
- iii) Improving access to electronic resources for teaching and research such as peer reviewed academic journals through inter-library loans/borrowing. This will partly mean that members in the collaboration will be able to update and expand research frontier through enhanced access to publications, i.e. from the association with DERG.

Through the GDRP, DoE–UDSM benefits from the vast experience of the collaborating UCPH partners in terms of their high-quality development research and training background in other developing countries, and the world at large. The capacity gained from this collaboration does not only remain in the country. It also transcends to a larger group of countries in the region through teaching and other capacity building programmes. Given that DoE–UDSM is the African Economic Research Consortium (AERC) host university for collaborative PhD and Master’s students from the Eastern and Central Africa region in particular, and from sub-Saharan Africa in general, there are spill over effects of the research done in DoE to many countries on the continent through the on-going Economics training at the Master’s and PhD level in the Department.

From the perspective of the Danish project partner, GDRP contributes to the global growth of literature by undertaking both country specific and cross-country rigorous studies of various types in many areas relevant to DANIDA. From Tanzanian perspective, the GDRP research initiative supports the efforts of the Government of Tanzania in enhancing inclusive economic growth and poverty reduction with a view to improving the wellbeing of the majority of the Tanzanians. Together with experienced and high-profile partners, the collaborative project is planned to operate through a high level of engagement with policy makers to disseminate the research findings to the policy process, and later to get feedback, in a virtuous circle.

The outcomes of this collaboration are achieved through:

- i) Conducting rigorous academic and policy-relevant research;
- ii) Increased interaction between academia, practitioners, technocrats, policy-advisors and -makers in professional dialogue; and
- iii) Providing high quality, relevant and up-to-date teaching materials and programmes to students.

### **3. ACTIVITIES IMPLEMENTED IN PHASE I**

This section provides a summary of activities implemented under the project, from Year I to Year III: It includes project administration issues, research activities and utilization of fund.

#### **3.1 YEAR ONE**

##### ***Commencement of the Project***

The GDRP implementation commenced by setting up the modality of conducting activities under the project. On Dar es Salaam side it was agreed that: The project management and coordination to be under CERP<sup>1</sup>, with the Centre having full mandate on its operations; Head of the Department of Economics to hold overseeing authority of the Centre and thus the GDRP. Some procedures were set to guide the receipt of concept

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<sup>1</sup> The Center for Economic Research and Policy (CERP) is a unit responsible for all research projects and a link to the government on policy matters.

notes for research papers: (i) Topic identification and synopsis (*to check whether the topic falls within the theme of the project*); (ii) Concept Notes submission, for review, and seeking expert advice, in case needed, before proceeding into drafting of the paper. A Data Porto was established in Dropbox. The project has subscribed to professional Dropbox, which provides large data storage space to be used for storing all the projects materials including datasets and documentations of datasets.

### ***Project Administration and Coordination***

Project administration under the CERP progressed well in Year I. CERP coordinated the participation of the GDRP project in the Voice of Social Sciences (VSS) conference organized by College of Social Science (CoSS) of the University of Dar es Salaam. CERP played a role to make sure that research partners from Copenhagen get all the necessary documentations including invitation letters that would facilitate their application for Tanzanian VISA and hence attend the conference. Six researchers from Copenhagen attended and presented papers in the conference. CERP also coordinated the participation of the Danish Embassy to the conference where the Ambassador of Denmark attended and made a speech as Special Guest. The Guest of Honour was the Permanent Secretary – Ministry of Industry Trade and Investment, Prof. Adolf Mkenda. Prof. Finn Tarp, the GDRP Coordinators (DERG) delivered a keynote speech in the VSS.

### ***Research Partners' Meetings***

Several meetings were held between partners in the collaboration. Between February and March 2016, two meetings were held involving Prof Finn Tarp who represented the Copenhagen side and Dar collaborators (Head of DOE, CERP management and Core team members). Both meetings were held in Dar es Salaam. The main objectives of the meetings were to agree on the project implementation and expectations, as well as to follow up on agreed actions. Issues agreed from the meetings include: setting up a data portal through dropbox service; datasets to be stored in the data Porto; making follow up on additional required data; commencing research activities including preparing concept notes, and formulating teams comprising members from both sides; initiating communications between team members; producing at least 7 papers by end of year one; participating and present the research output in various conferences including the Voice of Social Science which is organized by the College of Social Sciences (CoSS) of the University of Dar es Salaam and was held in November 2016.

Between 23<sup>rd</sup> and 24<sup>th</sup> September, 2016 some members of GDRP project from both Dar es Salaam and Copenhagen attended a two-day conference in Helsinki, organized by the UNU-WIDER. This provided opportunity for the members to meet and discuss matters of the project, including issues agreed in the previous meetings. Other meetings were held during the VSS conference days where there was one general meeting for all researchers and several others for “paper-specific” teams.

### ***Drafting Papers***

The main activity of the project in Year I was drafting of the papers and collection and compilation of datasets. During this period, a total of 12 papers were drafted out of which 3 have feature as chapters in the book published by Oxford University Press. Drafting of the remaining papers was shifted to Year II and based on the data availability, drafting of some paper continued up to Year III.

### ***Participation in Conferences***

The College of Social Sciences (Coss) of the University of Dar es Salaam (UDSM) organized a two-day conference with a theme “**Industrialization and Social Transformation**”. The VSS conference took place at UDSM on 24<sup>th</sup> and 25<sup>th</sup> November, 2016. GDRP Project effectively participated in that conference as indicated hereunder. The VSS conference allocated Day I of the conference only for the papers produced under the GDRP. In this regard, a total of 10 papers from the GDRP were presented and discussed. The titles of the GDRP papers are:

1. Growth and Poverty: A Pragmatic Assessment and Future Prospects
2. Multi-Dimensional Assessment of Child Welfare for Tanzania
3. Growth and poverty reduction in Tanzania
4. Sib, Schools or Sorting: what drives educational inequality in Tanzania?
5. Early Life Malaria Exposure and Academic Performance
6. Bilateral Aid in a Structural Model of Bilateral Trade: Insights From a Model for Tanzania
7. Mobile phone usage and adoption of improved agricultural technology
8. Fishermen’s Wives: Economics and Cultural Origins of Unfriendly Attitude Towards Women in Tanzania
9. Entrepreneurship and Child Labour
10. The Effects of Land Titling in Tanzania

### ***Disbursements and Utilization of Funds***

In Year I, a total of USD 452,500 was disbursed to the GDRP account by the Danish Embassy, Dar es Salaam. In Dar es Salaam, the fund was allocated in: general administration of the project; payment for drafting of the papers; expenditure on data collection and data description exercise. Similarly, on Copenhagen side, most of the fund was utilized in drafting the papers and travelling to attend the VSS conference. Basically, expenditure is divided into two blocks, Dar es Salaam and Copenhagen blocks where the later has provided an audited report, which was included in GDRP audit process conducted by the Public Audit office under the coordination of the Directorate of Finance of UDSM.

## **3.2 YEAR TWO**

### ***Project Administrations and Coordination***

Project administration under the CERP progressed well during the reporting period. In Year II CERP coordinated all the project activities as stipulated in Work plan for Year II. These include facilitating communication between collaboration counterparts; organizing meetings; arranging necessary paperwork for research collaborators to be able to obtain VISA during their travels; coordinating data collection and production of research output; preparation of the research output dissemination workshop; and participation of the project into conferences and workshops

### ***Research Partners Meetings***

Between January and October 2017, two meetings were held between the two counterparts in the GDRP collaboration. More specifically, the meetings involved Prof. Finn Tarp who represented the Copenhagen

side and Dar es Salaam collaborators (Head of DOE, CERP management and Core team members). Both meetings were held in Dar es Salaam. The first meeting aimed at setting up and agreeing on milestones for Year II. Among things that were discussed include: a need for close communication between both sides; preparation for Dissemination workshop held in November 2017; taking a stock of the project's progress; review and approve concept notes for Year II research work; a need to continue collecting new data as it is released by the authorities. The second meeting, which again was held in Dar es Salaam following a visit of Prof. Finn Tarp discussed the following: progress in drafting the papers; preparations for the dissemination workshop; plan for Year III activities; possibility of request for project extension after Year III; a need for Dar es Salaam researchers to spend time in Copenhagen, and thus Year III budget should have such component. Apart from these two formal meetings, there were several bilateral meetings between research teams in the collaboration.

### ***Drafting Papers***

In this period, a total of 13 new papers were drafted as output for Year II. Further, drafting of papers from Year I continued where: 2 papers were submitted for publication in Journal of African Economies; 2 papers are ready for publications and authors were working on submission to the Journals; 5 papers were published as UNU-WIDER working paper series; 2 papers were at advanced stages, awaiting for data on mobile phone coverage; 2 papers were dropped due to unavailability of data at district level. Generally, the progress on drafting in Year II was very good.

### ***Participation in Conferences***

As part of Year II activities, the GDRP, on 24<sup>th</sup> November 2017, organized a full-day research output dissemination workshop, which brought together high-level government officials including commissioners, directors, and senior officials of Ministries, Departments and Agencies (MDAs) who are responsible in the implementation of national development policies. Ideally, the workshop aimed to bring together researchers from the GDRP and policy makers/implementers to discuss on research findings of the project and see how such findings can inform the government decision making process. The Workshop proved to be a success as it brought together over 50 targeted government officials.

The opening of the Workshop was officiated by Dr. Khatibu Kazungu, the Deputy Permanent Secretary, Ministry of Finance and Planning who was the guest of honour. He specifically travelled from Dodoma to attend the Dissemination Workshop. Ms Mette, the Representative of the Ambassador of Denmark gave a Keynote Speech during the workshop. The Deputy Vice Chancellor Research and Knowledge Exchange - UDSM was also present and gave welcoming remarks. In attendance were a number of directors, commissioners and other senior officials from various MDAs. **Annex III provides Workshop Documents** (workshop report, list of persons attended and timetable). The following selected papers were presented during the workshop:

1. *"Growth and Poverty Issues (poverty reduction; Future Prospects)"*
2. *"On Tanzania's Non-farm Household Enterprises: Their Effect on Household Welfare"*
3. *"Entrepreneurship and Human Capital Development in Children"*
4. *"The Effect of Land Titling in Tanzania"*
5. *"Land Tenure Security and Internal Migration in Tanzania"*
6. *"Determinants of Subjective Well-being in Tanzania"*

7. *“Formal Education and Malaria Preventive Behaviour”*

8. *“Culture of violence against women: Evidence from a field experiment in Tanzania”*

It should be noted that given the limitation in time it was not possible to present all the papers produced under the project. The presented ones were a few selected to represent broad issues that are covered by the project. The workshop was successful based on the discussions that took place and the media coverage was widely done. The project is on track regarding implementation of its schedule of activities.

### ***Disbursements and Utilization of Funds***

In Year II, a total of USD 705,726 was disbursed to the GDRP account by the Danish Embassy. The fund was disbursed for implementation of Year II activities and was shared equally between the two sides of the collaboration. In Dar es Salaam, the fund was allocated to general administration of the project; payment for drafting of the papers; expenditure on data collection and preparation of policy workshop. In the Copenhagen most of the fund was utilized in drafting the papers and travelling for attending Dissemination Workshop in Dar es Salaam. Generally, the Fund was utilized efficiently as per work-plan for Year II.

## **3.3 YEAR THREE**

### ***Project Administration and Coordination***

CERP continued to undertake day to day management activities including ensuring communication within the collaboration goes on smoothly, monitoring progress on the implementation of the work-plan and facilitating project participation in conferences. The project coordination also maintained communication with the funder, DANIDA, as per MoU to ensure that the same is informed about progress of the GDRP project. Project management teams of both UDSM-DOE and UCPH-DERG continued to work closely in finalizing the proposal for project extension to Phase II. During the Quarter, the project extension proposal was submitted to DANIDA through the Embassy of Denmark. The GDRP succeeded to get extension to Phase Two. Bilateral Agreement was signed by the Vice Chancellor, UDSM on behalf of the University of Dar es Salaam and the Ambassador of Danish Embassy, Tanzania on behalf of Ministry of Foreign Affairs – Denmark. Following the signing of the Bilateral agreement, the two partners in collaboration also signed the MoU for collaboration. Project activities for Phase II will commence on 1<sup>st</sup> July 2019.

### ***Research Partners Meetings***

During the period, several meetings took place with the main focus of finalizing Phase I activities and preparation of request for extension to Phase II. Two meetings were held in Dar es Salaam; one meeting was held when Copenhagen team members travelled to Dar es Salaam to participate in the second Dissemination Workshop of the GDRP, which was held on 1<sup>st</sup> March 2019. Another meeting was held in Helsinki when some members in the collaboration from both Dar es Salaam and Copenhagen attended a UNU-WIDER conference which took place in September 2018.

### ***Drafting Papers***

Research activities under the project went on smoothly as research teams continued with the drafting of the papers. A total 9 papers were initiated in Year III. The main focus for Year III was to complete papers targeted for completion in Phase I. The drafting teams made efforts to ensure the target is met while at

the same time drafting to advanced stages all the papers initiated in Year III. Description on the success is provided in Section Four.

### ***Participation in Conferences and Workshops***

Four researchers under the GDRP project attended a conference in Helsinki organized by UNU-WIDER from 12th September to 16th September 2018. The theme of the conference was “Think Development, Think-WIDER”. The Conference gave opportunity to the GDRP researches who participated to interact with wider research community on matters pertaining to Development. Some colleagues in the collaboration from Copenhagen side also attended the Helsinki conference. This provided an opportunity for the GDRP members in collaboration (those who attended the conference) to hold a project meeting. The meeting was held on 15th September 2018. During the meeting, various issues concerning the project were discussed including the progress made in drafting the papers, preparation of the Stakeholder Conference in Dar es Salaam and application for project extension to the funder, DANIDA.

As part of Year III activities, on 1<sup>st</sup> March 2019 the GDRP project organized and held a full day workshop, which was intended to disseminate research findings of some selected papers to the policy makers and policy implementers. The workshop brought together high level government officials including commissioners, directors, and senior officials of Ministries, Departments and Agencies (MDAs) who are responsible in the implementation of national development policies. The guest of Honour during the workshop was Prof. Adolf Mkenda, Permanent Secretary Ministry of Natural Resources and Tourism. The Ambassador of Denmark, Tanzania also attended the workshop as a special guest. The University of Dar es Salaam management was represented by the Deputy Vice Chancellor – Research and Knowledge Exchange. The Workshop also provided opportunity for the Signing of the GDRP project to Phase II running for the next three years, starting from 2019. The Agreement was signed and GDRP has been extended to Phase II. In attendance were a number of directors, commissioners and other senior officials from various MDAs. **Annex IV provides Workshop Documents** (workshop report, list of persons attended and timetable). The following selected papers were presented during the workshop:

1. *“The Dynamics of Health Inequality in Tanzania: A Case of Kagera”*
2. *“The effectiveness of documentary films to reduce violence against women: Experimental evidence from Tanzania”*
3. *“Gender altruism and attitudes towards violence against women: Experimental evidence from Tanzania”*
4. *“Rainfall Variability and Productivity: How Smallholder crop farmers can use Existing Adaptation-related strengths in Tanzania”*
5. *“Seeking Explanations for the Private School Learning Premium in Tanzania”*

### ***Disbursements and Utilization of Funds***

In Year II, a total of USD 350,830 was disbursed to the GDRP account by the Danish Embassy. The fund was disbursed for implementation of Year III activities and was shared equally between the two sides of the collaboration. In Dar es Salaam, the fund was allocated to general administration of the project; payment for drafting of the papers; expenditure on data collection; preparation of policy workshop and Phase I project completion processes. On Copenhagen side, most of the fund was utilized in drafting the papers and travelling for attending Dissemination Workshop in Dar es Salaam. Generally, the Fund was

utilized effectively as per Work-plan for Year III. **Annex XI** provides Audited Financial Report for Phase I of the GDRP.

## **4.0 Achievements and Key Lessons**

### **4.1 Achievements**

In the three years of its implementation, the GDRP obtained a number of achievements as were guided by the Inception Document of the Project:

1. A total of 42 papers have been drafted and some even published in peer-reviewed academic outlets under the project with different outcomes; some few policy briefs have also been produced based on these papers.
2. GDRP conducted two dissemination workshops, which provided an opportunity for the researchers under the project to interact with high level officials from the government and share findings of the research and their policy implications. Through this platform, a number of ideas were generated and will continue to enrich the research agenda for Phase II of the GDRP. At the same time, GDRP provided useful insights to the policy makers on issues pertaining to development policies of the country.
3. Teaching capacity of the project members from UDSM has been enhanced, i.e. through the project their knowledge on taught subjects has been expanded by demonstrated empirical evidences of the research. Through collaboration, researchers in Dar es Salaam were also exposed to various methodologies for undertaking data collection and data analysis.
4. To the Copenhagen team, the research enhanced further understanding of development process of the country in relation to other countries across the World; including insights on development challenges facing the country in particular.
5. The project has been extended to Phase II.

### **4.2 Key Lessons**

Key lessons from implementation of the project:

1. *Secondary data has limitations:* There is a need to expand data usage horizon to also use data from primary sources, experimental data, and analysis of big datasets.
2. Exchange visits are important for strengthening the collaboration and effectiveness in producing research output.
3. Capacity building should be emphasized on junior academic staff and graduate students rather than on government officials as the outcome of this intervention on the latter group (government officials) are practically difficult to observe, while the intervention on the former group (graduates and junior academic staff) have larger potential of multiplier and spill-over effects.



4. Conducting policy oriented research based on Government/Policy side demands/gaps is highly needed given increased need for evidence-based policy making in Tanzania as it was spelt out clearly in the 2 dissemination workshops.
5. There is a high need for analytical skills among junior staff and graduate students.
6. Involving junior researchers and academic staff in all research processes, and creating mentor type relationships between senior and junior researchers both within and across institutions is considered very effective in capacity building and for sustainability of DOE.

## **5.0 Way Forward for Phase II**

Based on experience obtained in Phase I and emerging research needs of the country, The Department of Economics of the University of Dar es Salaam (DoE-U DSM) and the Development of Economics Research Group of the University of Copenhagen (DERG-UCPH) have agreed to continue with this fruitful collaborative project – the Growth and Development Research Project (GDRP) – to address the continued need for improved rigorous analytical work that can feed into the ongoing policy debates. Strengthening both research and teaching capacity at the DoE-U DSM is envisaged to have great impact on both the academic community and more broadly on the country at large through knowledge generation and dissemination through dialogue, policy briefs and publications. Phase II of GDRP will incorporate additional channels collaboration such as:

- i. Widening the research scope by linking researchers with complementary skills/expertise and enhancing the experience of the researchers by enabling them to engage with partners overseas. Compared with the first phase, GDRP II will increase its effort in including more junior level staff from both sides of the implementing partners.
- ii. Introducing researchers to new skills and ideas within the context of Tanzania. Compared with the first phase, GDRP II will embark on collection of primary data and enhance efforts towards the use of Big Data analytics, with a focus on building capacity within experimental data designs.
- iii. Improving knowledge spillovers not only horizontally (between institutions) but also vertically (between senior and junior staff within the institutions). Compared with the first phase, GDRP II will do this through several mechanisms, including: (i) jointly offering three PhD courses relevant to the research; (ii) involving DoE junior staff directly in primary data collection process; (iii) facilitating cross-border junior-senior research partnership visits; and (iv) running internal capacity building seminars for junior academic staff at U DSM, including also postgraduate students as a way to nurture their research and teaching capacity; (v) enhance teaching capacity of junior staff through delivery of specific teaching orientation modules.

Implementation of activities for Phase II is planned to commence from 1<sup>st</sup> July 2019 and will be guided by activities as stipulated in the Work-plan to be prepared.

