



Reducing the Burden of injuries and diseases among workers Through Capacity building in Tanzania and Ethiopia

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Goal

Reduction of the burden of injuries and diseases due to occupational exposures through capacity building in low income countries

- Tanzania – MUHAS –SPHSS
- Ethiopia- AAU - SPH
- Norway – UIB - CIH



Introduction

- According to ILO (2), more than 2.3 million people die of work-related accidents and diseases every year and 317 million accidents occur due to workplace hazards annually
- “Every 15 seconds, a worker dies from a work-related accident or disease”, ILO states
- Despite many interventions still in LMIC countries the situation is worse
- Only a small minority of the global workforce has access to occupational health services, and the growing informal economy is often associated with hazardous working conditions.
- ▶ Need to increase capacity of higher learning Institutions to train more workforces on OHS to conduct epidemiological research and graduate as teaching member of staff



Capacity building basis

- Training (education)
 - BSc, MSc, PHD
- Research
 - Postdocs
 - Laboratory rebuild
 - Library enhanced
- Scientific collaboration
 - Regional meetings, conferences, workshops
- Accountability capacity
 - Financial, supervision and other resource management

Methods

- Bi annual meeting in Tanzania and Ethiopia
- Skype meeting
- Email communication frequently
- In country scientific meetings encouraged and shared between countries
- Meeting with NORAD once in two years for evaluation and knowledge sharing

Methods cont.

- Registration of MSc and PhD candidates using University's mechanisms
- Open call for support in both countries
- Relevance of the topics scrutinized by project management tem
- Alocation of supervisors decided by the management and endorsed by directorate of postgraduate studies and higher authorities.

Challenges

- Low number of females for MSC and PhDs esp in AAU
- Internet connections intermittently



Masters supported candidate – 1 st Batch of MUHAS



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Opportunities

- Having cooperation with University in North(University of Bergen)
- Having universities inLMIC Tanzania and Ethiopia



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Equipment demonstration to the project leader at AAU



Strength

- Motivated students
- Peaceful atmosphere in both countries in collaborations
- Availability of the training programs
- Willingness to change of both universities
- Previous work cooperation between UIB and MUHAS and UIB



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Equipments and books procured - AAU



The project achievements

- Lab infrastructure in place for both MUHAS and AAU
- Scientific meetings in Ethiopia and Tanzania
- Local and international conferences attended
- Collaboration between South to south enhanced
- Online course on Introduction to Occupational Hygiene in place initially attracted more than 5900.
Designed to run twice a year 17th March and 17th October each year for Six weeks, it is free , just log in

Achievements

- 146 (target 50) BSc EH students were trained on Occupational Health and Safety through OSHA These will work all over the country to inspect and safe guard the workers health, Thus reducing the burden of injuries and diseases among workers.

Output and outcome

- 74 female Master's students attended a one week course on Scientific Writing and Communication at AAU (23 in 2015/16, 28 in 2016/17 and 23 in 2017/18). The training empowered female graduate to write and communicate.
- One OHS Lab was established at AAU (target 1) and One OHS Lab improved at MUHAS (target 1).

Output

- 53 Master students attended a one week course on Scientific Writing and publication at MUHAS was supported in MUHAS by the project to empower women in the area of occupational health and safety in Tanzania(15 in 2015/16, 20 in 2016/17 and 18 in 2017/18)
- 4 Post-docs at MUHAS (target 3 each) undertaking research in good progress (22 No of publications including journal articles, abstracts, policy brief and book chapters)

Output and outcome

- 1 Post-doc at AAU undertaking research in good progress (1 publication) (target at least 3)
- 3 PhD at AAU (target 3) enrolled and are preparing manuscripts for publication (1 publication) (target at least 3 for each)

- The project also supported twenty four conference abstract (24) in local and international symposiums 16 abstracts were from South and 8 were joint abstract.
- **24 manuscripts** were published in peer review journals from the projects of which 13 were joint publications while 10 were published from south and one from North. In **addition 24 abstracts** and 4 policy briefs were published. Policy briefs are now awaiting policy dialogue. This is a great achievement for the project as a capacity building for the members of the project.

Output and outcome

- **31 Masters** in Environmental and Occupational Health enrolled at MUHAS were supported by the project , One absconded and 24 graduated and 6 will graduate in 2018/19 This contribute to the OHS increased pool of technocrats in Tanzania.
- The project supported 26 Master of Public Health (AAU) were enrolled, 24 graduated (Target 25) (Two will graduate in 2018/19)

Conclusion

- Cooperation between North and South may impact the training, research and services to bridge the gap in OHS globally through local undertakings.



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- This project is supported by
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- Thank you very much for listen