

## SHORT COURSE ON HEALTH IMPACT ASSESSMENT (HIA) OF LARGE INFRASTRUCTURE PROJECTS

**Introduction to health impact assessment (HIA) | Key concepts | Practical implementation of HIA | Affected communities and vulnerable groups | Developing HIA career opportunities in Tanzania**

Understanding, assessing and managing community health and safety risks and impacts in areas where large infrastructure projects such as mining and constructions (i.e., large buildings, roads, bridges, water dams and rail roads) are developed poses unique challenges. This includes questions such as how project induced changes might adversely impact community health or how an influx of project workers might increase the transmission of infectious diseases. In the frame of research for development initiative ([hia4sd.net](https://hia4sd.net)) that aims to strengthen the use of health impact assessment (HIA) in the licensing process of large infrastructure projects, we are offering a 3-day short course on HIA. The objective of the course is to contribute to a solid understanding of the HIA approach, which is fundamental to further promote HIA practise in Tanzania. Through the interactive short course, course participants will learn the concept of HIA as an approach to systematically manage and promote community health and safety in project-affected communities. The course will be implemented in an interactive manner in which theory will be discussed in the context of case studies in Tanzania. The short course is jointly organized by the Ifakara Health Institute ([ihi.or.tz](https://ihi.or.tz)) training unit, the Swiss Tropical and Public Health Institute ([swisstph.ch](https://swisstph.ch)) and Muhimbili University of Health and Allied Sciences (MUHAS).

**Who can attend:** MSc/PhD in Public Health or related fields, MD, environmental or social health experts/trainers

**Location:** MUHAS, (Specific building/venue will be communicated)

**Fees:** None. The course is sponsored by the HIA4SD project (<https://hia4sd.net>). Only 15 seats are available. Participants will be selected based on relevance on their application materials. Participants need to cover for transport and accommodation. Lunch and coffee breaks will be provided. A certificate will be issued at the end.

**Date and time:** 14-16 June 2022, 8:30-16:30hrs. **Application deadline:** May 15<sup>th</sup>, 2022

**Points covered:** Equivalent to 1.4ECTS units ( 18TZ CPDS or 1.8TCU).

**Application materials:** CV and a one page motivation letter

**Application link:** <https://www.hia4sd.net/apply>

**How to apply:** Send application materials to [fbrown@ihi.or.tz](mailto:fbrown@ihi.or.tz), cc: [ilyatuu@ihi.or.tz](mailto:ilyatuu@ihi.or.tz)

### Course facilitators:



**Dr. Isaac Lyatuu**  
Public health researcher with expertise in data science and health impact assessment



**PD Dr. Mirko Winkler**  
International expert in health impact assessment (HIA) practice, research and training



**Prof. Dr. Simon Mamuya**  
Senior lecturer at MUHAS Dept. of Environment and Population Health

### Tentative course schedule

Time	Title	Instructor
<b>Day 1</b>		
09:00 – 09:15	Opening remarks	Prof Mamuya
09:15 – 09:30	Course syllabus and introductions	Isaac Lyatuu
09:30 – 10:15	Introduction to HIA	Mirko Winkler
10:15 – 10:30	Practical 1: health determinants and health outcomes	Isaac Lyatuu
10:30 – 10:45	<i>Coffee break</i>	
10:45 – 11:45	Health in the context of large infrastructure projects	Mirko Winkler
11:45 – 12:30	The HIA process	Isaac Lyatuu
12:30 – 13:30	<i>Lunch break</i>	
13:30 – 14:00	Introduction to case studies	Isaac Lyatuu
14:00 – 14:30	HIA step-by-step: screening	Mirko Winkler
14:30 – 15:00	Practical 2: screening and scale of HIA	Isaac Lyatuu, all
15:00 – 15:15	<i>Coffee break</i>	
15:15 – 15:45	Presentation practical 2	All
15:45 – 16:30	Practical 3 (quiz) and closure day 1	Isaac Lyatuu
<b>Day 2</b>		
9:00 – 9:30	Recap day 1	Isaac Lyatuu
9:30 – 10:30	HIA step-by-step: scoping	Mirko Winkler
10:30 – 10:45	<i>Coffee break</i>	
10:45 – 12:00	Practical 4: affected communities and vulnerable groups	Isaac Lyatuu, all
12:00 – 12:30	Presentation practical 4	All
12:30 – 13:30	<i>Lunch break</i>	
13:30 – 14:15	HIA step-by-step: Baseline definition	Mirko Winkler, Isaac Lyauu
14:15 – 15:00	HIA step-by-step: Impact assessment and mitigation	Mirko Winkler
15:00 – 15:15	<i>Coffee break</i>	
15:00 – 16:30	Practical 5: risk assessment and mitigation	Isaac Lyatuu, all
<b>Day 3</b>		
9:00 – 9:15	Recap day 2	Isaac Lyatuu
9:15 – 10:30	Presentation practical 5	Isaac Lyatuu, all
10:30 – 10:45	<i>Coffee break</i>	
10:45 – 11:30	HIA step-by-step: monitoring and evaluation	Mirko Winkler
11:30 – 12:30	Practical 6: monitoring plan	Isaac Lyatuu, all
12:30 – 13:30	<i>Lunch break</i>	
13:30 – 16:00	Promoting of HIA teaching and training in Tanzania	Prof Mamuya
16:00	Course closure and certification	Isaac Lyatuu