

Training report

Event: HIA4SD Training

Venue: MUHAS Tanzania

Facilitators: Dr. Isaac Lyatuu, Dr. Mirko Winkler, Prof. Simon Mamuya

Dates: 14-16 June 2022

Introduction

IHI in collaboration with MUHAS and SwissTPH offered a short course on health impact assessment (HIA) of large infrastructure projects. The objective of the course was to contribute to a solid understanding of the HIA approaches and to build the capacity to implement HIA. The course was held from 14th to 16th June 2022 at MUHAS CHPE Building. The total number of course participants were 15. The course was administered by three facilitators (listed above). Course participants came from a diverse background representing academic institutions (MUHAS), research institutions (IHI) and government entities (RCHMT).

Course administration

The HIA short course was administered in an interactive manner. Course participants were given an introduction of HIA, HIA in the context of large infrastructure projects, HIA processes and HIA in the perspective of Tanzania project implementations. The sessions were a combination of power point presentations, hands on exercises and question and answer sessions. Participants were given opportunities to ask questions and reflect on course materials. Course facilitators engaged with participants through discussions and hands on exercises. In each day, course participants took notes and presented a recap on the following day. The three day course was officiated and closed by the Prof. Mark Urasa, representing the Dean from School of Environmental Health.



Figure 1: HIA Short course TZ: Sorting health outcomes



Figure 2: HIA Short course TZ: Group photo



Figure 3: HIA Short course TZ: Group discussion



Figure 4: HIA short course TZ: Hands on practises

Course website

Course materials, class images, and additional references were put on an intranet page, where each participant could access and retrieve information. This allowed participants an ability to focus and also gave the opportunity to download the materials for later use and references.

Course certificate

At the end of the course, each participant were given course certificate in recognition to participation, time invested and knowledge gained. The course certificate indicated area covered during the three days as well as the amount of credit points (1.4ECTS units or 18TZ CPDS or 1.8TCU) one would have gained by attending the course successful.



Figure 5: Sample course certificate. HIA Short Course, Tanzania. 14th – 16th June 2022

Course evaluation

At the end of the three days, students were given course evaluation to assess aspects of the course preparations, administrations, materials and knowledge gained. The results showed that over 90% of the students said that three day course was very well organized however also indicated the need to increase the number of days to at least five and also incorporate field practical sessions. All of the participants agreed that they recognized and understood objective of the course, and furthermore, have improved their knowledge on health impact assessment. In terms of course administration, all participants indicated that they liked and appreciated practical exercises which were offered during the course and in additional, found good ambiance during course sessions. All participants said that they are likely to use knowledge acquired during the course in their current and future career and would also recommend the course to others. The complete assessment report is attached in the appendix.

Q4: Have you improved your knowledge on health impact assessment?

Answered: 15 Skipped: 0

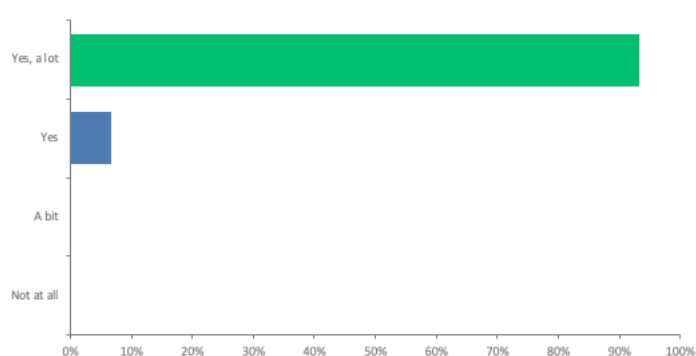


Figure 6: HIA Short course TZ: Course evaluation response

Appendixes:

Appendix 1: Course flier

Appendix 2: Course evaluation

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) 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) training unit, the Swiss Tropical and Public Health Institute (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 15th, 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, cc: 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

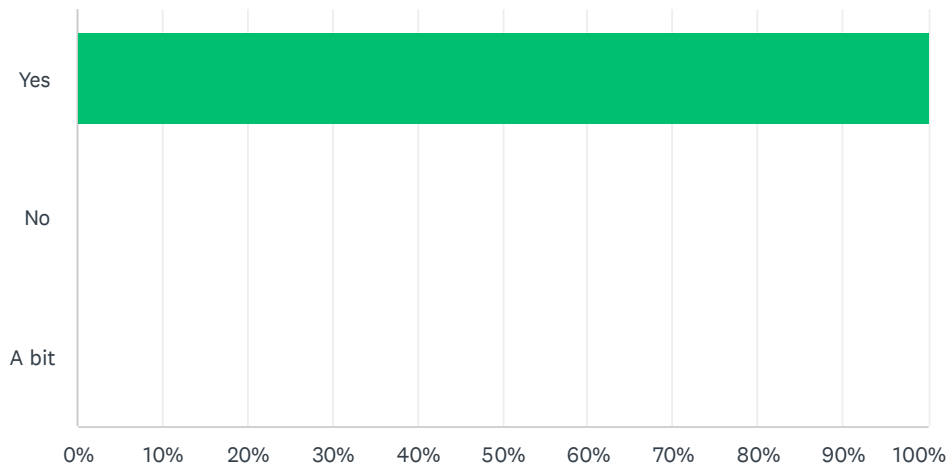
Senior lecturer at MUHAS
Dept. of Environment and Population Health

Tentative course schedule

Time	Title	Instructor
Day 1		
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
Day 2		
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
Day 3		
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

Q1 Are you ready for the course evaluation?

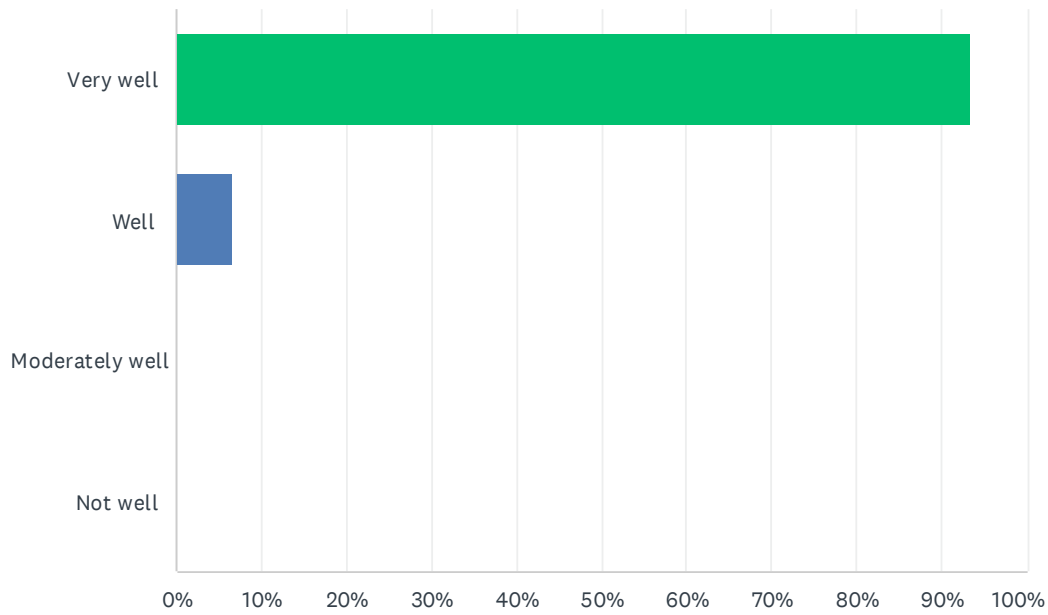
Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	100.00%	15
No	0.00%	0
A bit	0.00%	0
TOTAL		15

Q2 Was the 3-day course well organised?

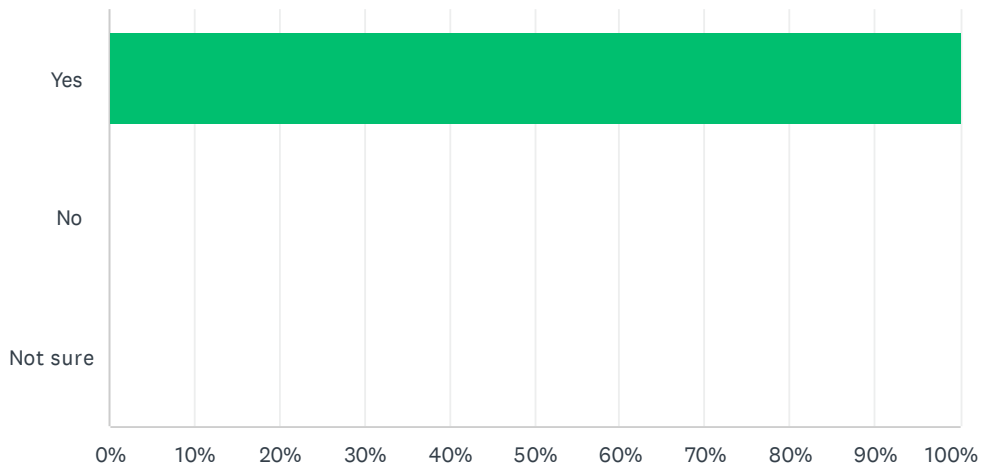
Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
Very well	93.33%	14
Well	6.67%	1
Moderately well	0.00%	0
Not well	0.00%	0
TOTAL		15

Q3 Have you recognized and understood the objectives of the course?

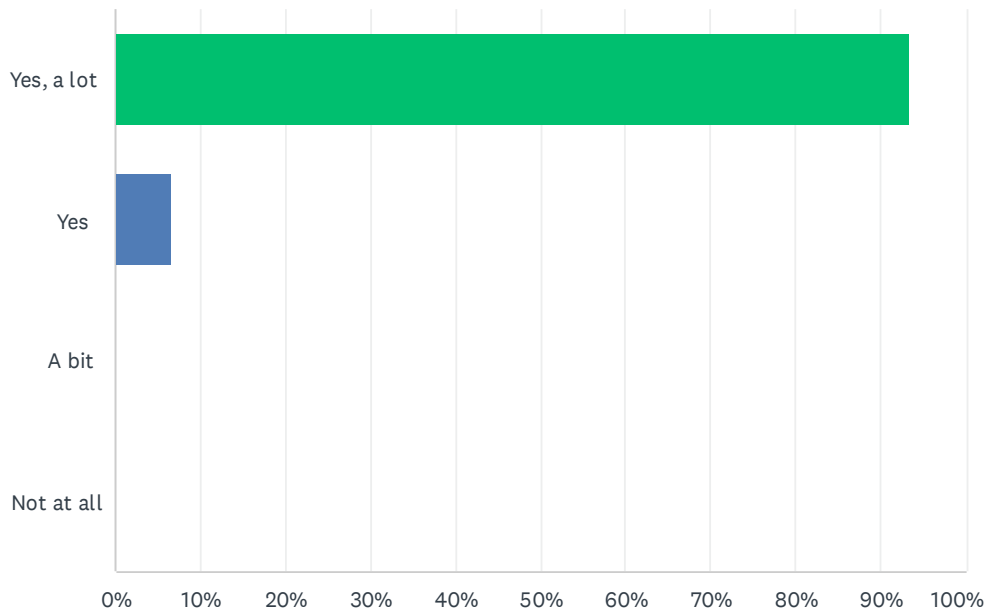
Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	100.00%	15
No	0.00%	0
Not sure	0.00%	0
TOTAL		15

Q4 Have you improved your knowledge on health impact assessment?

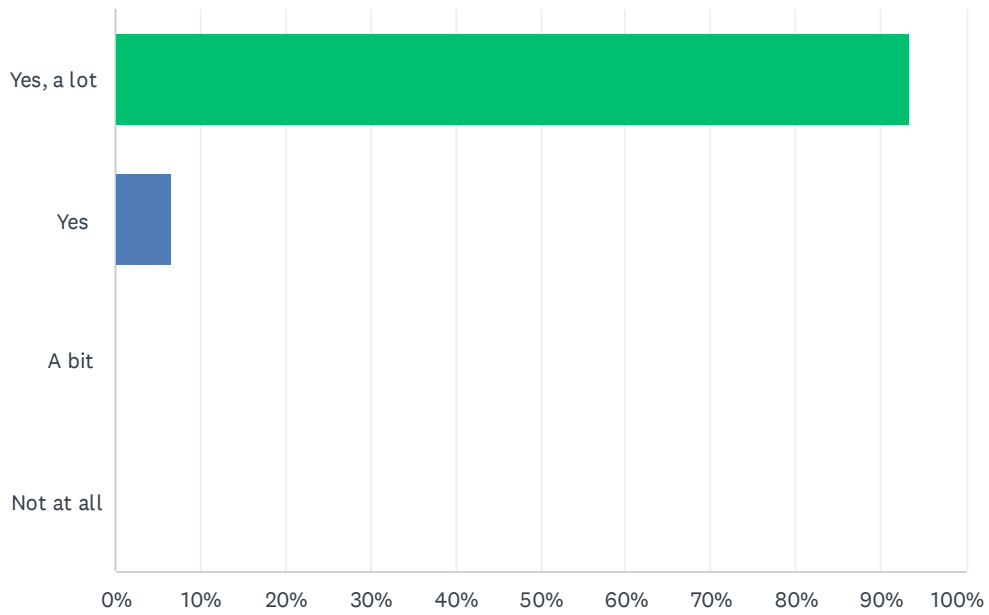
Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes, a lot	93.33%	14
Yes	6.67%	1
A bit	0.00%	0
Not at all	0.00%	0
TOTAL		15

Q5 Have you appreciated the practical exercises of the course?

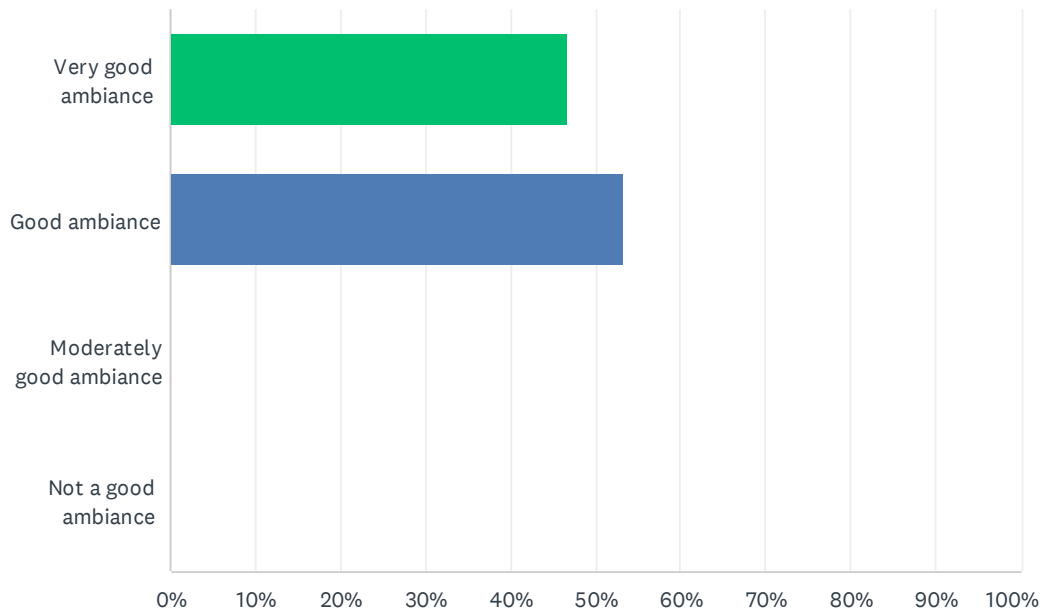
Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes, a lot	93.33%	14
Yes	6.67%	1
A bit	0.00%	0
Not at all	0.00%	0
TOTAL		15

Q6 How did you find the ambiance during the course?

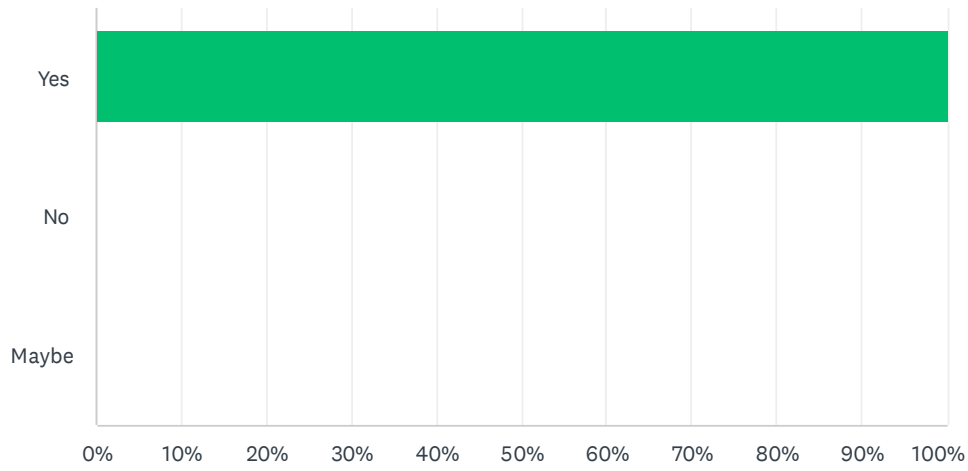
Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
Very good ambiance	46.67%	7
Good ambiance	53.33%	8
Moderately good ambiance	0.00%	0
Not a good ambiance	0.00%	0
TOTAL		15

Q7 Do you think you will use the knowledge acquired on HIA in the future?

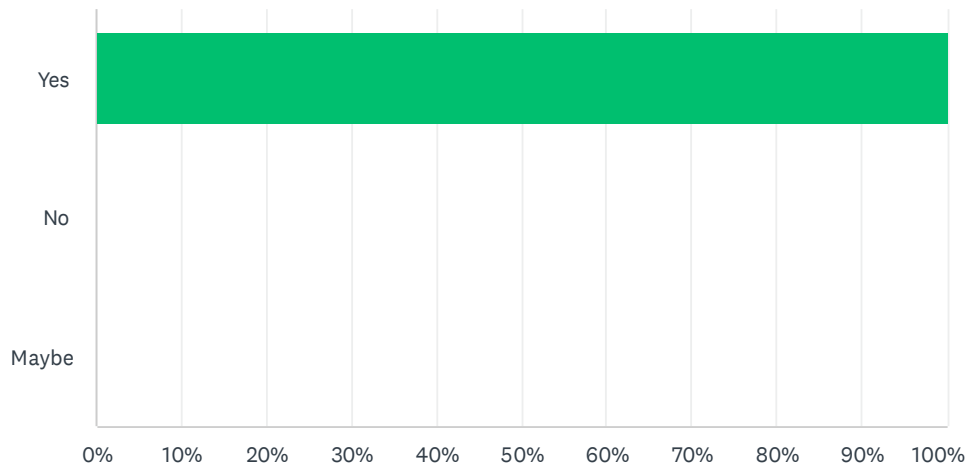
Answered: 15 Skipped: 0



ANSWER CHOICES		RESPONSES	
Yes		100.00%	15
No		0.00%	0
Maybe		0.00%	0
TOTAL			15

Q8 Would you recommend this course to others?

Answered: 14 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	100.00%	14
No	0.00%	0
Maybe	0.00%	0
TOTAL		14

Q9 According to you, what were the 2-3 strongest/best aspects of this course?

Answered: 15 Skipped: 0

#	RESPONSES	DATE
1	1.Screening. 2.Scooping. 3.Reporting	6/16/2022 3:06 PM
2	*Involvement of Health Issue's in Large Infrastructure Projects. *Consideration of Community Health in Large Projects. * Enhancement of Capacity Building based on Health impact Assessment for the better and creating awareness based on health as far as large infrastructure projects are concerned.	6/16/2022 1:27 PM
3	HIA is as important as EIA hence it shouldn't be ignored HIA Ficus more on the health concerns that affects the people living near the proposed project. HIA Is a decision making support tool as an expert we don't give final decisions but the common does	6/16/2022 1:24 PM
4	1. It helps to determine the health of the communities 2. It allows community members to participate in the development and implementation of programs or project.	6/16/2022 1:21 PM
5	1. WHY HIA IS IMPORT 2. UNDERSTNDING HOW TO DO HIA	6/16/2022 1:12 PM
6	Health in the context of large scale projects, steps of doing HIA, health determinants and health outcomes	6/16/2022 1:10 PM
7	The approach that was used was very nice The materials provided are very relevant The organisation of the lectures that were provided. The flow was amazing	6/16/2022 1:07 PM
8	Scoping and its components, Impact identification and establishment of mitigation/promotion measures and the indicators	6/16/2022 1:07 PM
9	1: understanding HIA 2: Stages 3: Evaluation and being able to make recommendations	6/16/2022 1:06 PM
10	Understanding health determinants and outcomes, and step by step of HIA	6/16/2022 1:04 PM
11	How do conduct impact assessment section(risk assessment),Experiences and examples of His conducted in differet areas.	6/16/2022 1:04 PM
12	1.Group works 2.Interactiveness with participants 3.Case studies	6/16/2022 1:04 PM
13	Exercise, reference materials and mode of presentation	6/16/2022 1:03 PM
14	Interactive discussions , learning by doing , the concept of improving community health	6/16/2022 1:01 PM
15	HIA Process, Impact Assessment	6/16/2022 12:59 PM

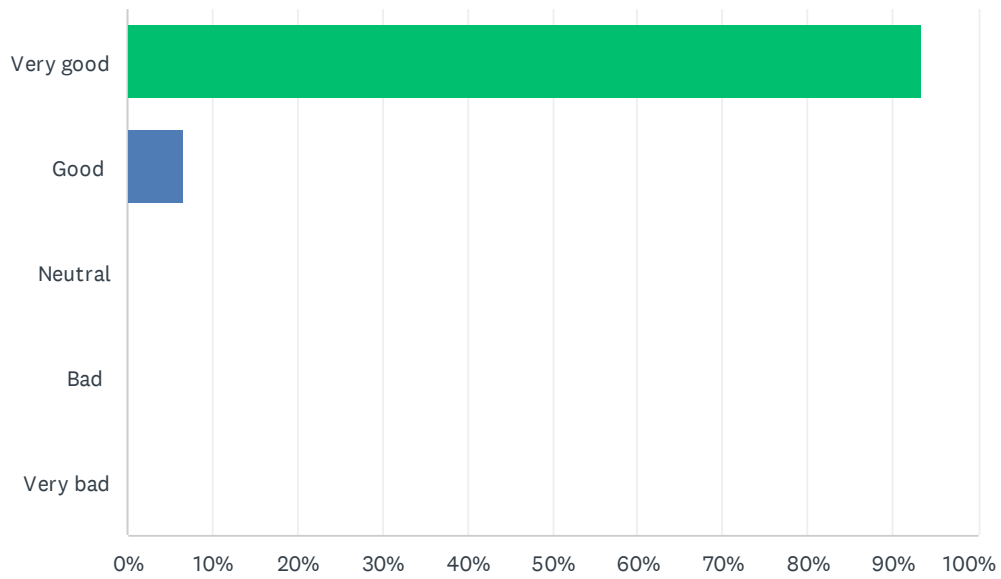
Q10 What could be improved about this course?

Answered: 15 Skipped: 0

#	RESPONSES	DATE
1	Nothing.	6/16/2022 3:06 PM
2	I think this course should also be done practically so as us trainees to be competent and confident as far Health Impact Assessment in concerned,this will help to impact knowledge to others and spread the word about it.	6/16/2022 1:27 PM
3	Time allocated was not enough we needed to learn at least a week. Financial support as part of the training should increase so as to cover for the people who are not resident in Dar	6/16/2022 1:24 PM
4	Time for the program was short compare to the number of materials and concepts to capture. The course should be conducted at least one to two weeks.	6/16/2022 1:21 PM
5	THEY MUST SET ONE DAY FOR THE FIELD STUDY WHERE WE CAN SEE LARGE INFRASTRUCTURE PROJECT I MEAN ONE DAY FOR PRACTICAL	6/16/2022 1:12 PM
6	three days is not enough time for training the entire course	6/16/2022 1:10 PM
7	I believe at least 5 days or more will do make a very huge impact	6/16/2022 1:07 PM
8	A little bit on preparation of monitoring and evaluation plans	6/16/2022 1:07 PM
9	Increase duration of the course	6/16/2022 1:06 PM
10	It be taught in details and increase number of days atleast a week	6/16/2022 1:04 PM
11	Duration of the course (At least seven days)	6/16/2022 1:04 PM
12	It's an intensive course, taught at flight speed, I think an additional day would really be helpful.	6/16/2022 1:04 PM
13	More example regarding risks assessments.	6/16/2022 1:03 PM
14	To be a continuous program time to time	6/16/2022 1:01 PM
15	Recommend for field practical experience on any of the proposed project.	6/16/2022 12:59 PM

Q11 How do you judge the 3-day HIA course overall?

Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
Very good	93.33%	14
Good	6.67%	1
Neutral	0.00%	0
Bad	0.00%	0
Very bad	0.00%	0
TOTAL		15

Q12 Do you have any additional comment about the course or something you want to tell us?

Answered: 13 Skipped: 2

#	RESPONSES	DATE
1	International perspective,Interaction with other countries.Participants interaction with other countries	6/16/2022 3:06 PM
2	I would like to be part of the team /member as you continue to held this courses to other regions/countries aim is to be competent and be part of bringing positive impact to the society as far as Projects are concerned and sustainability of countrie's development.	6/16/2022 1:27 PM
3	It is one of the course that gives insight of health issue so more trying should be given	6/16/2022 1:24 PM
4	WE LOVE THESE COURSE AND WE WOULD LIKE TO HAVE YOUR SUPPORT WHILE WE IMPLEMENT THESE KNOWLEDGE IN OUR WORK PLACE AND ALSO YOUR ASSISTANCE WHILE WE WANT TO RIGHT PAPER AND PUBLISH BASED .	6/16/2022 1:12 PM
5	i would like to thank the organizers of HIA course for a very good and useful training. May be in the future if we can have a plat form to make sure we keep pushing the agenda of HIA to have legal framework like EIA in Tanzania.	6/16/2022 1:10 PM
6	Well done for organising this course. I have a lot to take home for sure	6/16/2022 1:07 PM
7	You better continue with the capacity building program through trainings like this and find a way to involve the first leaners (this class) of this training like this group in order for them to continue get on ground experience and easily disseminate the knowledge and significance of incorporation of HIA in projects and policies.	6/16/2022 1:07 PM
8	This is very potential course and marketable at global level. Therefore it should be taught in collages and provided to workers as it was to us	6/16/2022 1:06 PM
9	There should be a sustaible capacity building on HIA	6/16/2022 1:04 PM
10	No	6/16/2022 1:04 PM
11	Nothing more.	6/16/2022 1:04 PM
12	Course content is very nice, understood and well designed.	6/16/2022 1:03 PM
13	I personally thanks the organizers for this fruitful training opportunity to deepen my understanding in Impact assessments that will be advantage in my job and other colleagues by advising the responsible departments to perform HIA for sustainable development	6/16/2022 1:01 PM