

Section A: Verbal Consent: English version

I am a PhD. Student from the University of Nairobi, and I am here to conduct a research study on the local communities' perceived relevance of ES flow in the various coastal and Marine Ecosystems starting from areas with the mangroves, the coastal lagoons, seagrass beds area, up to the deep sea. Before we commence, I would request to seek your consent to the willingness to participate in this survey, it will take about 2 hours to 2 hours 30minutes of your time. I wish to emphasize that participation in this survey is exclusively voluntary and at any point of the survey if you feel you may not be willing to continue you are at liberty to leave, your details already on the attendance list will also be erased that is why we fill using a pencil. No one will discriminate against you based on your decision to step down or decline to participate. All the services that are meant to be awarded to you by any institution or the government of Kenya will not be influenced by your decision. Confidentiality of all the issues that we shall discuss will be maintained between you and me. The findings from this discussion will only be used as recommendations to the concerned stakeholders and to complete a PhD thesis to fulfil the requirements of my PhD in Biodiversity and Natural Resource Management at the University of Nairobi. When we will be engaged in the discussion, I kindly request not to use your real names, but we shall be referring to each other by use of name tags assigned as R1. R2, R3, R12. I would kindly request that you would allow me to record the discussions so that I can use them later to pick critical points from the discussions. If anyone feels we should not record, then we can proceed and we take notes only if you agree.

Verbal Consent: Swahili version

Mimi ni mwanafunzi wa chuo kikuu cha Nairobi na nimekuja hapa kufanya utafiti kutokana na maoni ya wanajamii kutokana na uwezekano wenu kupata manufaa kwa matumizi halisi au kuweza kufikia rasilimali inayopatikana kwenye eneo hili letu la bahari kutokea shehemu zilizoko na mikoko, kwenye ufuke, kwenye topetope, kwenye nyasi ya bahari, eneo la matumbawe and kwenye bahari kuu. Ningependa kusesitiza ya kwamba kushiriki kwako kwa huu utafiti ni wa kujitolea na hakuna malipo yeyote utakayo pokea, ningeoba kuwajulisha ya kwamba wakati wowote ule utakapo jihisi ya kwamba hauna nia ya kuendelea kushiriki katika utafiti

huu, uko uhuru kujiondoa na yale maandishi yanayo kutambua uliyo yaandika apo awali yatafutwa ndiposa tuliyajaza kutumia penseli. Hakutakuwepo na ubaguzi wa aina wowote kutokana na uamuzi wako wa kutoshiriki kwenye utafiti huu, ama utakapo badilisha nia ya kushiriki. Huduma zote zinazo paswa kutolewa kwa ajili yako na shirika lololote ikiwemo la serikali halita tatizika kutokana na uamuzi wako. Mambo yote tutakayo ya zungumuzia yatakuwa ya siri kati yenu na mimi ambapo matokeo yatatumika katika kupeana ripoti kwenye shirika usika na pia kusaidia kutimiza masomo yangu katika Uzamifu wa viumbe hai na usimamizi wa maliasili.

Tutakapo shiriki usijitambulisha kwa jina lako halisi lakini waveza kujitambulisha kutumia hayo namba ambazo umepewa, kwa mfano R1, R2, R3..... R12. Ningeomba muniruhusu kurecodi mjadala huu kwa niaba ya kusikiza kwa makini wakati wa baadaye. Kama kuna mtu yeyote ambaye hangependa turecodi, ningeomba muniruhusu kuyaandika maneno tutakayo zungumuza.

SECTION B: Socioeconomic and demographic background characteristics *(to be filled in pencil for all participants coming for the FGD on the day of the FGD)*

[illegible]

ECOSYSTEM SERVICES FLOW MATRIX TASK

On a scale of **0** to **5** rate the following ES flow across the listed coastal and marine ecosystems based on how you perceive the utilization of the benefits and access to the benefits.

0=no relevant ES flow, 1= very low relevant ES flow, 2=low relevant ES flow, 3= medium relevant ES flow, 4=high relevant ES flow, 5=very high relevant ES flow

[illegible]

ECOSYSTEM SERVICES FLOW MATRIX INSTRUCTIONS (to be elaborated to the FGD participants)

On a scale of **0** to **5** rate the following ES flow across the listed coastal and marine ecosystems based on how you perceive the utilization of the benefits and access to the benefits

0=no relevant ES flow, 1= very low relevant ES flow, 2=low relevant ES flow, 3= medium relevant ES flow, 4=high relevant ES flow, 5=very high relevant ES flow

Kwa kipimo cha sufuri(0) hadi tano(5) ningeomba uzawadi uwezekano wakunufaika kutokana na kutumia au kufukia maliasili yanayo tokana kwa kuwepo kwa shehemu tofauti tofauti za makao ya bahari kama yalivyo andikwa.

0=hamna manufaa yeyote, 1=manufaa yapo lakini kidogo sana, 2=manufaa yapo kidogo, 3=manufaa yapo lakini kati wa kati, 4=manufaa yapo kwa wingi, 5=manufaa yapo kwa wingi sana

After filling the lookup tables, randomly ask the respondents to elaborate on their scores that they have awarded a specific ES in a given ET.

Q. Considering the scores you have for medicinal services in the Mangrove Forest, can you please justify your score? This was done for at least five participants in five ET.

Q2. Repeat the same for all the ES across ET

Thank you for participating in the discussion