

Kuchinja kwa Kilaimeti

Visiyana bwanji kilaimeti na wetha?

Kilaimeti ni mwamene wetha imankalila semu kwa nthawi itali, kambili ni kwa ma years 30.



Kilaimeti imakuuza vovala ve
ve ufunika kunkala navo.

Wetha ni mwamene kwachela olo condition ilili ku elia kulikonse kwa maawazi ochepe.



Wetha imakuuza vovala
ve ufunika kuvala de
iliyonse.



Nanga kuchinja kwa kilaimeti ndiye chiani?

Manje manje apa, ba IPCC¹ banapeza kuti ise banthu ndise tichitise kilaimeti kuchinja, vimene ivi vapangisa kuti wetha izichinjachinja na kuti vinthu vina visokonezeka mu waodi.

Kilaimeti yachinja maningi tikayangana histoli yake. Koma vamene tiyopa ni mwamene kilaimeti ichinjila fasiti, kuonesa kuti zoonza ise banthu ndise tilengesa.

^[1] Intergovernmental Panel on Climate Change, olo kuti bungwe ya UN ya ma gavamenti yosiyanasiyana yoonza vamene baziba banthu pa kuchinja kwa kilaimeti.

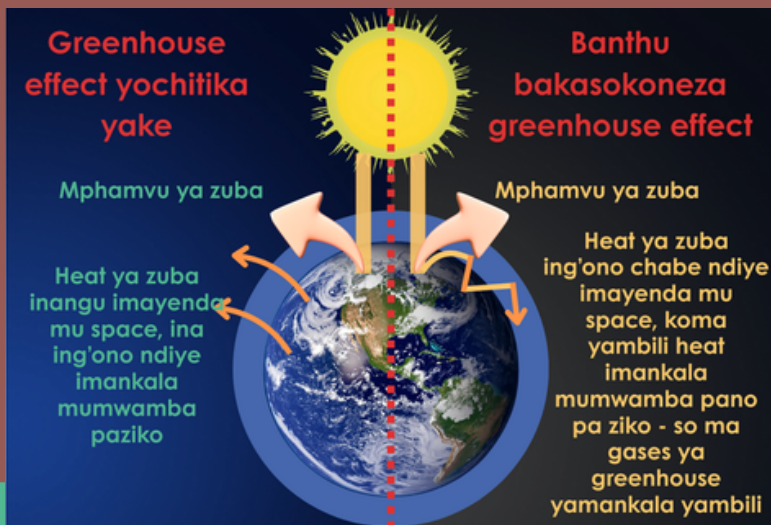
Otandiza ni ba:



Nanga ni vochita viti va banthu vimene vimapangisa kuti kilaimeti inkale wesi?

Kuti timvesese, tifunika kuziba va 'greenhouse effect' olo kufunda kwa paziko.

Greenhouse effect ni vinthu vamene vimachitika veka. Pulaneti yathu ifunika vamene ivi kuti izinkala na moyo. Ma gases yenangu mumwamba monga, water vapour, carbon dioxide (CO_2), methane, ozone, nitrious oxide (NO_x) na ma CFCs, yama tilaping'a zuba kuti paziko pazifunda mushe nopangisa kuti tipitilize kunkala na moyo, chifukwa ngati kulibe vonse ivi sembe kumazizila maningi kufika ku mainazi 18 digilizi.



Vochita va banthu vapangisa kuti ma gases ya greenhouse yapake, kusokoneza greenhouse effect na kuchitisa kuti pankale global warming: Mwachitsanzo, CO_2 yapaka chifukwa cha chusi yamene imachoka ku voshokashoka monga (ma industry, tilansipoti, voshokashoka mu ma komboni mwathu); methane yapaka chifukwa cha ma mines (oilo, gas, coal), ma suwagi na ma bakitilia yamene siyafuna oxygen kuti yakule, monga rice fields, nyama, na malo kwamene timataila vishala; NO_x imachokela ku ma fossil fuels (mafuta achilegedwe) na ma fataleza. CFCs (ma aerosols).

Nanga mu Zambia kilaimeti yachinja bwanji, elo kusogolo ingankhale bwanji?

Mu Zambia kunayamba kupya maningi. Kuchoka mu 1960 tempilicha pa chaka yakwela na 1.3 digilizi. Elo vioneka kuti tempilicha izapitiliza kukwela.

Futi taona kuchinja mumene mvula imalokela – olo kuti ivi ni vovuta kumvesesa mmene mvula imalokela chaka na chaka, koma ndiye mwe zilili ku Southern Africa. Tikaona sizoni yonse, Tiona kuti mu Zambia mvula imaloka ingono, makamaka ku southwest.

Futi masiku yenangu kumankala kulibe mvula olo kuti tili mu sizoni ya mvula, bati masiku yenangu imaloka maningi chakuti kwankala na ma floods olo vimanzi.



Banthu monga ba ku Kanyama na kwinangu mu Zambia bamaiziba bwino wetha yamene iyi.

Kuchinja kwa kilaimeti kumachita affect banthu mu njila zosiyana, mwachitsanzo:



Kupaka kwa manzi, kwamene apezeka, ngati ali kilini na mwamene vaafunila banthu.



Kupaka kwa matenda yobwela na kuchinja kwa kilaimeti monga kolera na kumvela kupya maningi.



Kusila kwa vintu na vinyama vosiyanasiyana vofunika mumanzi na musanga, monga vopanga chakudya.



Ku luza vinthu
vamene
vimapangika
kuchokela
musanga
chifukwa cha
kuchinja kwa
tempilicha na
moisture.



Malaiti
yamavuta
ngati kuli
chilala
chifukwa
kumankala
kulibe manzi
ku Kariba
dam.



Zokolola
zimachepa,
chilala, na
vomela
sivimakula
bwino.



Mumatauni
banthu
bamavutik
a na nkhan
ya ma
drainage,
ma road
na ma
nyumba.

Nanga pali vamene tingachite kuti tizikonzekele kuchinja kwa wetha?

Chifukwa tinkala mu taimu yakuti banthu bapangisa wetha kuchinja, tifunika kuzikonzekela kuchinja kwa wetha kwamene kungakaleko kusogolo vamene makolo bathu bakudala sibanavioneipo. Maboma azikonzekela, so naise pali vamene tingachite.

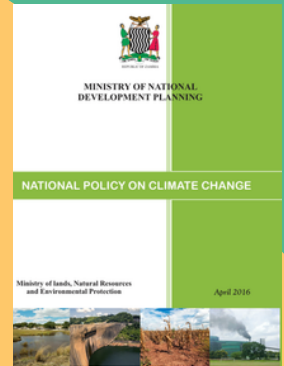
Vochita vamene vimankalapo nikuchepeseko vamene vimalengesa kuchinja kwa kilaimeti (vamene bamakamba kuti 'mitigation') na kuchita adapt olo kuchinja naise ngati kilaimeti yachinja kwamene bamati ('adaptation'). So ise tifunika kuchita support ma pulogilamu monga 'climate resilient development', yamene imathandiza kuti pachitike vamene tifuna na kuti pasankale futi vinthu vamene vingalengese kilaimeti kuchinja.

Mapeji yamene yakonkapo yaonetsa vamene maboma yachita na vamene ise tingachite kunyumba na kwamene tisebenza.

a) Vamene boma ichita

Malamulo amu Zambia okamba pa kuchinja kwa kilaimeti na kuti bankhalemo mu mapulani ya paziko yonse yaikapo aya:

- National Policy on Climate Change olo kuti mapulani ya ziko othandiza pa kuchinja kwa kilaimeti; na
- Lamulo ya Green Economy and Climate Change Act.



Zambia imachitako sheya mu kuvomelezana kwa UN pa nkhanu yoona pa kuchinja kwa kilaimeti olo kuti United Nations Framework Convention on Climate Change (UNFCCC), imachita ivi kupitila mu:

- Kunkala na pulani ya ziko yoona pa kuchinja kwa kilaimeti olo kuti Nationally Determined Contribution, yamene imathandiza kuchepesa ma gases ya greenhouse na vinthu vamene vimapangisa kuchinja kwa kilaimeti; na
- Kunkhala na pulani ya ziko yochinja kulingana na kuchinja kwa kilaimeti olo kuti National Adaptation Plan.

Ma example ya kuchepesako kuchinja kwa kilaimeti



Kusunga manzi (kuikapo na manzi yapansi) mwa kuyasunga na kutilila bwino; kulesa manzi kuti yasazinkalila nochita erosion; kukonzekela pulani ngati kwankala ma droughts mwazizizi.



Kuika makonzedwe olo ma healthcare system yolimba pa nkhanu ya kuchinja kwa kilaimeti; kuchita kampeni yophunzisa banthu kuziba va matenda yamene angankalepo chifukwa cha kuchinja kwa kilaimeti.



Ma Ecosystems na kusunga bwino malo: kuchepesako kuononga vinthu na kulimbikitsa kusunga bwino malo (monga kushanga mitengo na kusunga bwino doti); kupanga pulani mosebenzesela malo onse bwino na kuyasunga, na ecosystem-based adaption.



Kushanga mbewu zosiyansiyana na kuchita breeding; kupanga malo otapila manzi na kuyasunga bwino; kusunga moisture (chinyezi) mu doti; kuchinjako mochitila ulimi (kuziba ni kuti kumene tingashangile elo na nthawi yabwanji na kusunga bwino vinyama vosunga posebenzesa wetha information).



Kukonza manzi, ukilini na ma drainage; kupanga mosungila manzi ya mvula; kupanga vozicingiliza ku kupya (monga mpepo izipita bwino na chinfwile elo na ma green roofs).

b) *vamene mungachite*

- Muzikonka mwamene wetha iyendela bakakamba ba Zambia Meteorological Services; ici cingakuthandizeni kupulana bwino day yanu, wiki, na sizoni yanu (makamaka ngati ndimwe balimi). Dipatimenti ya ZMD ili pansi pa Ministry of Green Economy and Environment.



**Ministry of Green
Economy and
Environment**

Foni: (260 954) 755155
National Emergency
Operations Centre –
Kutuma foni mahala: 909

- Ngati wetha yankala yoipa maningi, konkani vamene bakamba ba emergency services, monga ba Disaster Management and Mitigation Unit.
- Muzithandiza ma neba banu bamene sibangakwanise (monga baja bolemala, bokalamba, na baja bali na tubana tungono); bathandizeni kuziba vamene vichitika nobapasa thandizo iliyonse.



Kuchita adapt kuchinja kwa kilaimeti kwa nthawi itali

Ngati muli na ka bizinesi kangono/muchita malonda:



- Muzigulisila mu ma shelter ya mu maketi kuti muteteze katundu yanu ku mvula na dust.
- Muziona mwamene wetha ingachitile affect bizinesi yanu.



Ngati ndimwe mulimi:

- Funsani ba wetha kuti muzibe mbewu yoshanga na nthawi yoshangilamo.
- Muzisebenzesa wetha forecast kuti muzibe nthawi yoika fataleza olo kukolola.

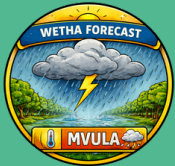


Pangani malo achinwila monkala banthu na nyama.



Mu umoyo wanu:

Ngati mufuna kukukila kwina olo kumanga nyumba, mufunika kuziba mwamene wetha ya uko kunthu imankalila.



Muzisebenzesa wetha forecast ngati mufuna kuyenda kunthu.

Kunkala redi ku wetha yoipa maningi mu kanthawi kochepea



Mvula yamphamvu/mvula yatuleza na mphepo

Muzisunga bwino ma drainage na ma road kuti manzi ya mvula yaziyenda bwino.



Zimyani vinthu vama laiti vikuluvikulu (vingashokewe na kaleza).



Bisamani munyumba yomangidwa bwino osaimilila pansi pamtengo (kaleza kangakushokeni).



Osasobela mu manzi, elo osapita (kaya na mendo kapena motoka) pa bridge yoipa kapena mumana.



Ngati kwankala ma floods, kwelani panthu paliko pamwamba.



Sungani bwino ma documents yanu (monga ID na Reji, na vinangu vaso) na kuyaika pamalo pe mungakumbukile ngati mufunika kuchoka msangamsanga.

Kupya maningi:



Muzimwa manzi maningi na kuonesesa kuti olemala na bana bonse bakumwa manzi yambili. Chinangu, nazeve nyama muzionesesa kuti zikumwa manzi yambili.



Osankala panja ngati kwapya maningi (makamaka kuma 11:00-14:00).



Nkalani mu chinfwile olo mozizila bwino munyumba. Ngati muyenda panja valani chisote olo nyamulani umbrella.