

ENVIRONMENTAL CONFERENCE  
**GREEN BUILDING EXPO 2018**



# SAVE RESOURCES

BEHAVIOR COUNTS

MWAKABOLE, G C

2018

# CLIMATE CHANGE

- A CHANGE IN THE USUAL WEATHER FOUND IN A PLACE.
- COULD BE IN HOW MUCH RAIN A PLACE USUALLY GETS IN A YEAR OR A PLACE'S USUAL TEMPERATURE FOR A MONTH OR SEASON.
- IT TAKES YEARS FOR CLIMATE TO CHANGE

<https://www.nasa.gov/audience/forstudents/k-4/stories/nasa-knows/what-is-climate-change-k4.html>

- A CHANGE THAT IS ATTRIBUTED DIRECTLY OR INDIRECTLY TO HUMAN ACTIVITY, ALTERING THE COMPOSITION OF THE GLOBAL ATMOSPHERE - *THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE (UNFCCC)*

<http://www.wired.co.uk/article/what-is-climate-change-definition-causes-effects>

# OVER FISHING

- DEPLETING STOCK OF FISH IN A WATER BODY
- LAKE VICTORIA IN TANZANIA – EAST AFRICA
- MAIN CAUSE – UNEMPLOYMENT (HUMAN ACTIVITIES)
  - 1970 – 50,000 FISHERMEN & 12,000 FISHING BOATS
  - 2015 – 200,000 FISHERMEN & 60,000 FISHING BOATS (LAKE VICTORIA FISHING ORGANIZATION)
  - MORE THAN 2000 FISHING VESSELS ARE INCREASING EVERY YEAR

[http://www.slate.com/articles/news\\_and\\_politics/roads/2015/03/lake\\_victoria\\_is\\_in\\_grave\\_danger\\_africa\\_s\\_largest\\_lake\\_is\\_threatened\\_by.html](http://www.slate.com/articles/news_and_politics/roads/2015/03/lake_victoria_is_in_grave_danger_africa_s_largest_lake_is_threatened_by.html)



# OVER FISHING → ILLEGAL FISHING



- ILLEGAL FISHING CONTRIBUTES TO OVER FISHING
- NEED TO GET MORE
- USE OF ILLEGAL MEANS AND TOOLS (MOSQUITO NETS, POISON AND BLASTING)

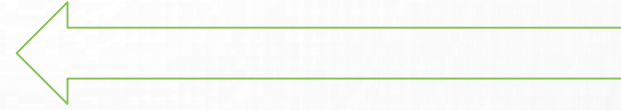
Illegal fishing boats found in Rubondo National Park Island (Mwanza Tanzania) – A reserved area for fish breeding in Lake Victoria – *Image of 2014*



# OVER FISHING → ILLEGAL FISHING



- DESTROYING ILLEGAL FISHING NETS



- MOSQUITO NETS CAUGHT IN THE LAKE ABOUT TO BE DESTROYED
- ITS ILLEGAL TO USE SMALL SIZE NETS FOR FISHING



<http://www.dw.com/sw/tanzania-yateketeza-nyavu-na-zana-haramu-za-uvuvi/a-37286671>

5/18/2018

5



# EFFECTS OF OVER FISHING

- DESTABILIZING NATURE BY BREAKING THE LIFE CYCLE OF LIVING ORGANISMS
- CREATING HANGER TO OTHER SPECIES FEEDING ON FISH – CROCODILES, SNAKES, BIRDS AND OTHER BIG FISHES
- CAUSING EXTINCTION OF SPECIES
- HARM TO HUMANS FROM WILD ANIMALS WHO CAN NOT FIND FOOD ON FISH AND MAY START FEEDING ON HUMAN (CROCODILES)





# EFFECTS OF OVER FISHING



CROCODILE IN LAKE VICTORIA – RESTING IN A GUARDED ENVIRONMENT AGAINST ILLEGAL FISHERMEN



PYTHONS OF LAKE VICTORIA – FEEDING ON BIRDS

THESE SPECIES WILL COLLIDE WITH HUMANS IF FOOD GET SCARCE



# HUMAN ACTIVITIES



- ILLEGAL NET FOUND ON A PROTECTED AREA BY GAME RANGERS INVADING THE AREA SET FOR LAKE LIFE BREEDING
- HUMAN ACTIVITIES CONTRIBUTES TO MOST OF ENVIRONMENTAL CHANGES, DISAPPEARANCE OF SPECIES AND OTHERS.
- OVER FISHING MAKES LIFE CYCLE INTO THE WATER BODIES UNBALANCED
- MEASURES HAS BEEN TAKEN BY TANZANIA, SAME SHOULD BE DONE TO ALL OTHER COUNTRIES SURROUNDING LAKE VICTORIA (KENYA AND UGANDA) AND ALL OTHER LAKES IN THE WORLD.



THANK YOU



5/18/2018