The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The title text is centered in the middle of the slide.

# CLIMATE CHANGE AND WATER BODIES

NIKO-PETTERI, ANNUKKA, SAEVAR, ZARKO



# WATER QUALITY

- DUE TO CLIMATE CHANGE THE QUALITY WILL DROP BECAUSE OF A FEW FACTORS THAT WE ARE GOING TO BE TALKING ABOUT
  - THE CHANGE IN QUALITY WILL ALSO AFFECT DRINKABLE WATER.
  - OVER 80% OF THE WATER IN NORWAY ARE FROM RIVERS AND LAKES.
  - CHANGES IN THE CLIMATE COULD AFFECT THE WATER QUALITY IN THE DRINKING WATER SOURCES AND POSE CHALLENGES TO THE TREATMENT PLANTS.
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# THE FACTORS

- DUE TO CLIMATE CHANGE THERE WILL BE LESS GROUNDWATER
  - THERE WILL ALSO BE MORE BACTERIA AND VIRUSES
  - MORE ALGAE
  - HIGHER AMOUNT BROMIDE
  - THERE WILL BE MORE DROUGHTS
  - THERE WILL BE MORE FAMINE
- 



# ECOLOGICAL IMPACTS

- MANY ANIMALS WILL GO EXTINCT BECAUSE OF CLIMATE CHANGE (AND HUMAN DEFORESTATION AND HUNTING) AND THE RISE OF WATER LEVELS AND MANY RIVERS, OCEAN AND LAKE ECOSYSTEMS WHICH ARE BEING BADLY DAMAGED BY POOR HUMAN WASTE MANAGEMENT.
  - MANY ANIMALS WILL ALSO BE BADLY IMPACTED BY DROUGHTS ESPECIALLY IN DESERT AREAS
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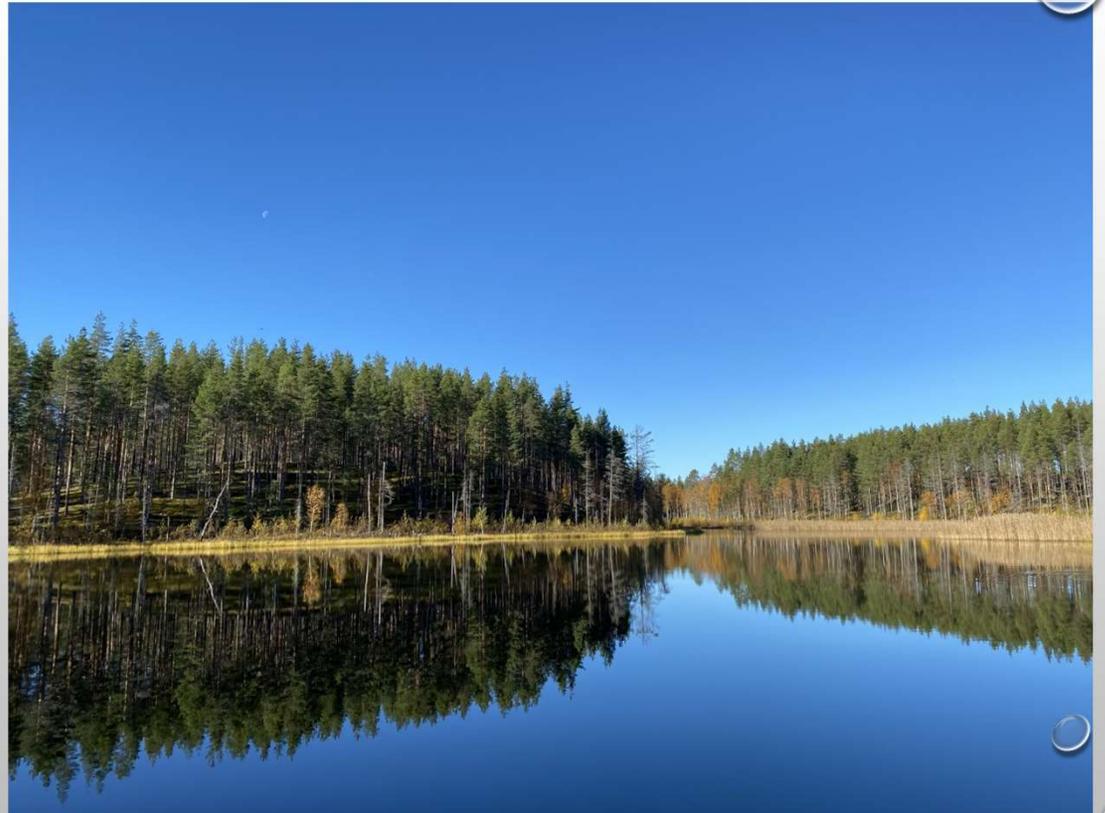


# WATER LEVEL

- THERE WILL BE LESS GROUNDWATER DUE TO CLIMATE CHANGE
  - BECAUSE THE AIR TEMPERATURE WILL RISE, THE ICEBERGS WILL MELT DOWN
  - DUE TO THAT THE SURFACE WATER LEVEL WILL RISE
  - IF THE WATER LEVEL RISES TOO MUCH EVEN CITIES CAN BE BURIED (NEW ORLEANS, AMSTREDAM, DUBAI)
  - THE RAINS WILL ALSO INCREASE THE SURFACE WATER LEVEL
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# LAKE LEVÄ- SOPPINEN

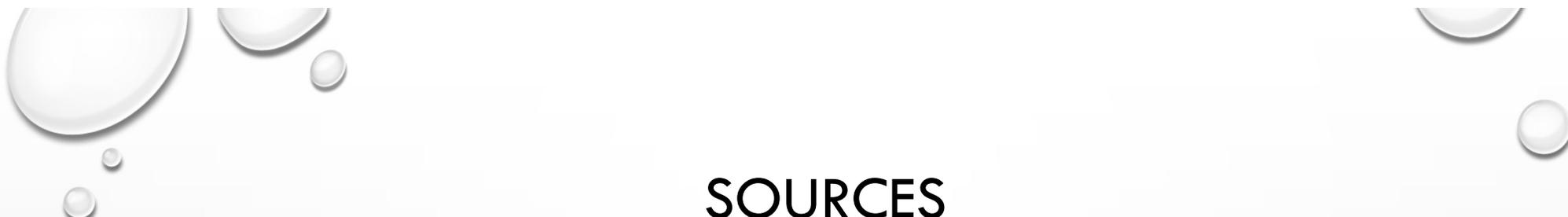
- THE LAKE RECHARGES WITH GROUNDWATER AND RAIN
- THE DISCHARGES INTO A STREAM
- THE LAKE IS NAMED AFTER THE THE AMOUNT OF ALGE IN THE LAKE
- THE LAKE SURFACE HAS RISEN AND GONE DOWN AGAIN





## LEVÄ-SOPPINEN 2

- THE LAKE IS IN KETTLE
  - PH WAS 7,2
  - TEMPATURE WAS 7,5 CELSIUS
  - CONDUCTIVITY WAS 10,3
- 



# SOURCES

- [HTTPS://WWW.NMBU.NO/AKTUELT/NODE/41249](https://www.nmbu.no/aktuelt/node/41249)
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**THANK YOU  
FOR YOUR  
TIME!**