



Climate Change & Water Resources

Threats and Problems

How will climate change impact water resources?

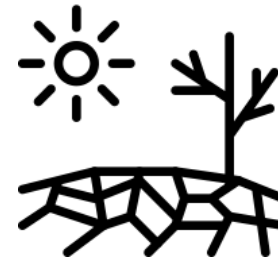
Average rainfall will increase & rainy periods may become more extreme



Seas will get higher & storms may become more severe



Droughts may become more intense



In Micronesia, we often experience droughts and periods of heavy rain that can cause water emergencies. With climate change, these threats are expected to become more frequent, severe & unpredictable.

With good management, our communities can improve our water security & prepare for emergencies.

With climate change, threats to water resources are expected to become more frequent and severe

Increased rainfall may cause:

- sewers & cess pools to overflow
- water contamination
- sedimentation, or dirt getting into water supplies
- leaves & waste to get into water supplies

Higher seas & severe storms may cause:

- salt water to get into low-lying wells & other water supplies
- damage to pipes
- increased flooding
- water contamination

Intense droughts may cause:

- sources of fresh water to dry up
- communities to run out of fresh water