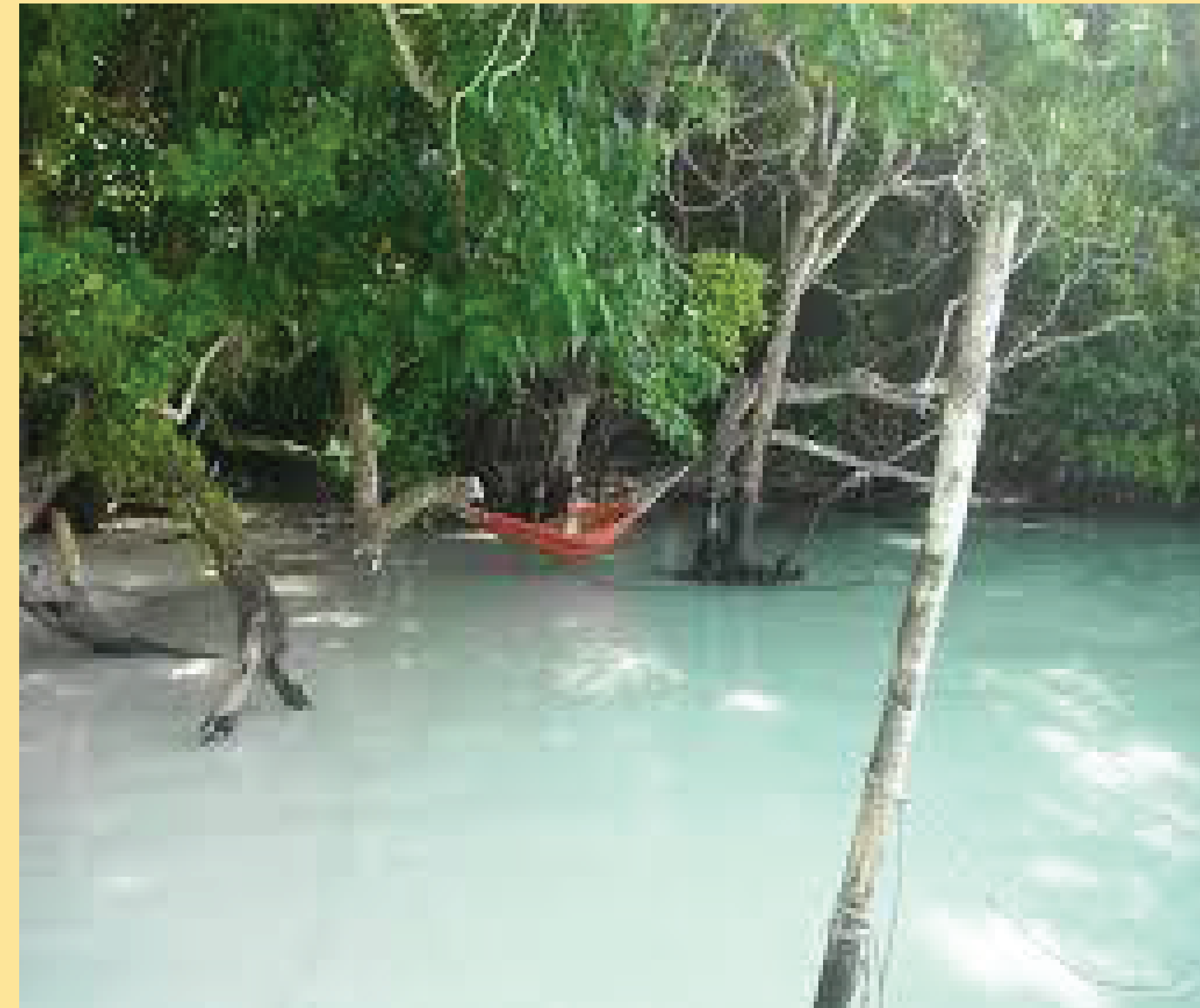


CLIMATE CHANGE CAUSING THE WORSEN KING TIDES IN VANUATU



What is king tide?

King tides are the highest tides. They are naturally occurring, predictable events. Tides are the movement of water across earth's surface caused by the combined effects of the gravitational forces exerted by the moon, Sun, and the rotation of Earth which manifest in the local rise and fall of sea levels.

How is climate change influencing king tide?

King tide is said to be the high rising of tides inland. Therefore when we express the term rising of Tides inland, we are also trying to say that the area inland is experiencing sea level rise. Moreover Sea level is the results of severe events occurring such as storms, cyclone, and also the melting of ice. Thus those events is caused by the changes in the climate. So all hazardous events are the results of climate Change; climate changing causing thermal expansion creating heat and forms the cyclone or storms where About it cause sea level rise resulting in what is known as the king tide.

What can happen?

King tides bring unusually high water levels, and they can cause local tidal flooding. Over time, sea level rise is raising the height of tidal systems. Average daily water levels are rising along with the oceans. As a result, high tides are reaching higher and extending further inland than in the past. King tides preview how sea level rise will affect coastal places. As time goes by, the water level reached now during a king tide will be the water level reached at high tide on an average day.

What we (government & community) can do?

- ❖ Protect mangrove forest
- ❖ Build higher houses on coastal areas
- ❖ Build waves barriers
- ❖ Provide information and awareness on how to protect themselves in such situation
- ❖ Avoid cutting trees
- ❖ Relocate to safer zones

“WORKING TOGETHER FOR A SUSTAINABLE AND CLIMATE RESILIENT VANUATU”



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