

Living with the sea?

ECO solution is what you
need

氣候變遷新希望：與海共生

臺南市安平區西門實驗小學。

國際教育雙語課程



Unit One

What change?

Climate change.

What's up?

Sea level's up.

第一單元

氣候變遷與海平面上升



Climate change

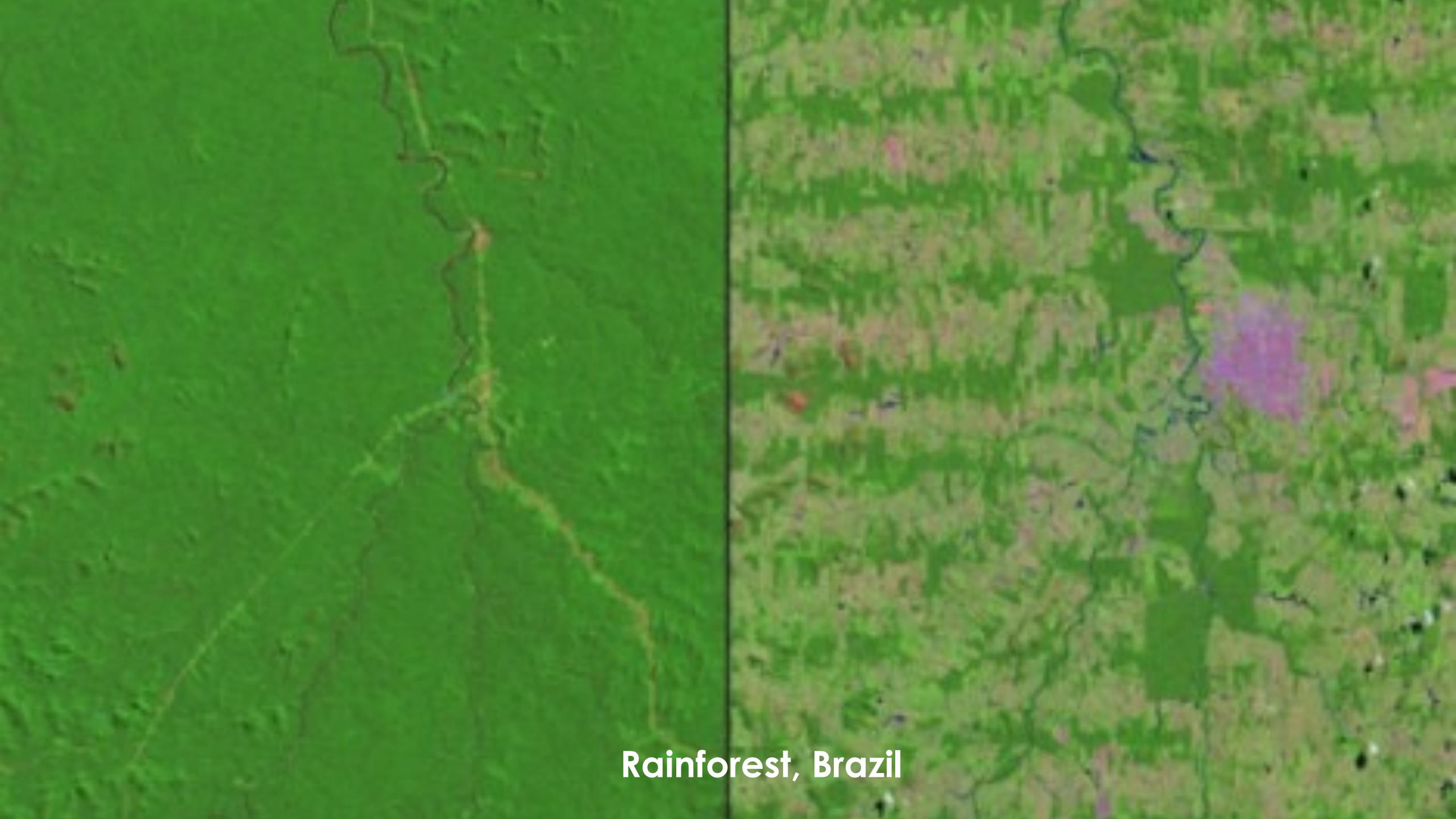


2009 The oil shale boom in Utah is a net security of the industry partly due to the fact that the shale is located in a remote area and is not easily accessible. The shale is also highly volatile in price and is subject to a significant price volatility. The shale is also highly volatile in price and is subject to a significant price volatility.

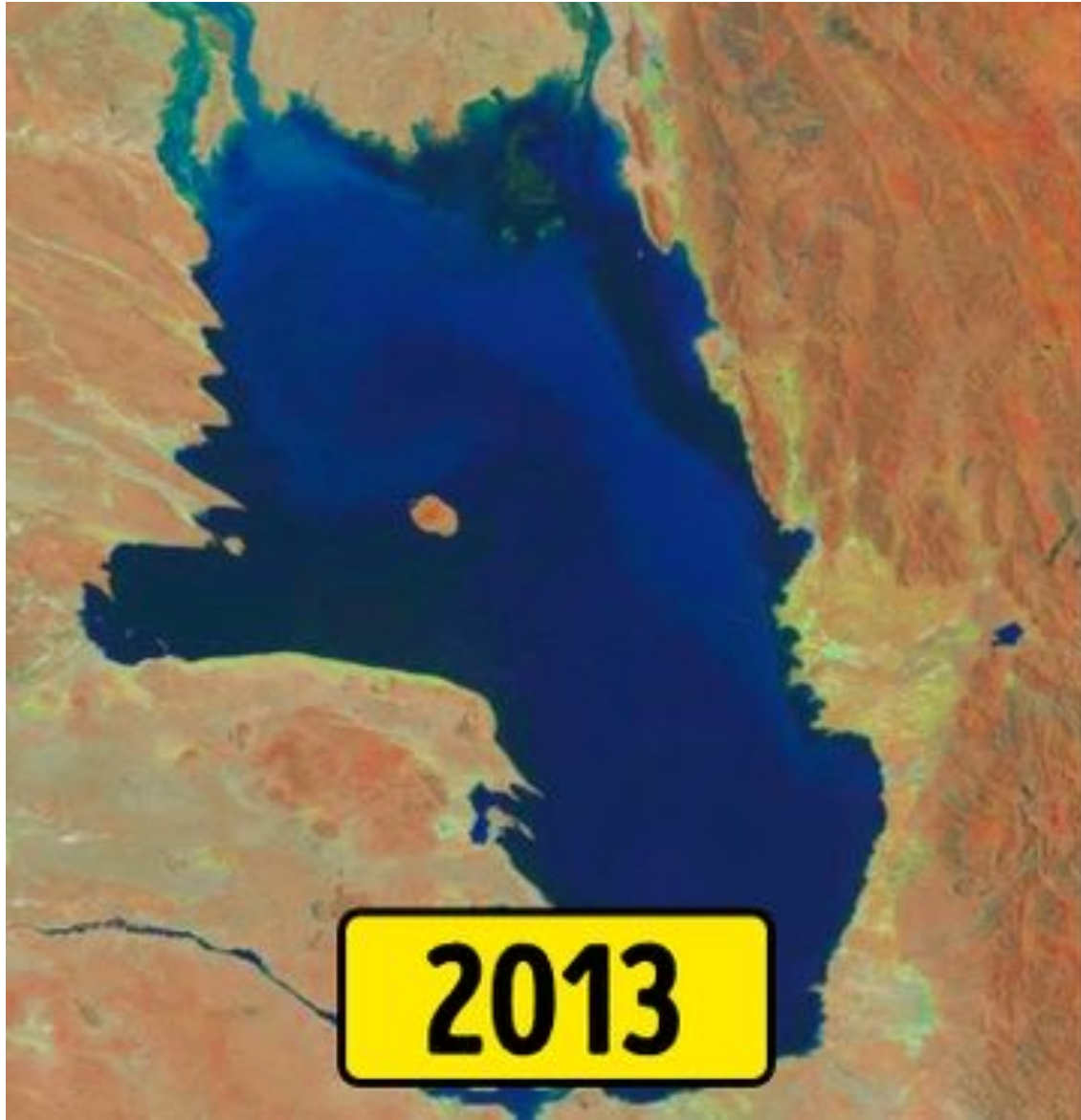


Catastrophic Flooding The catastrophic flooding that has struck the world's largest coal reserves in West Virginia has not only destroyed homes and businesses but also caused the loss of lives and property. The flooding has also caused the loss of lives and property.

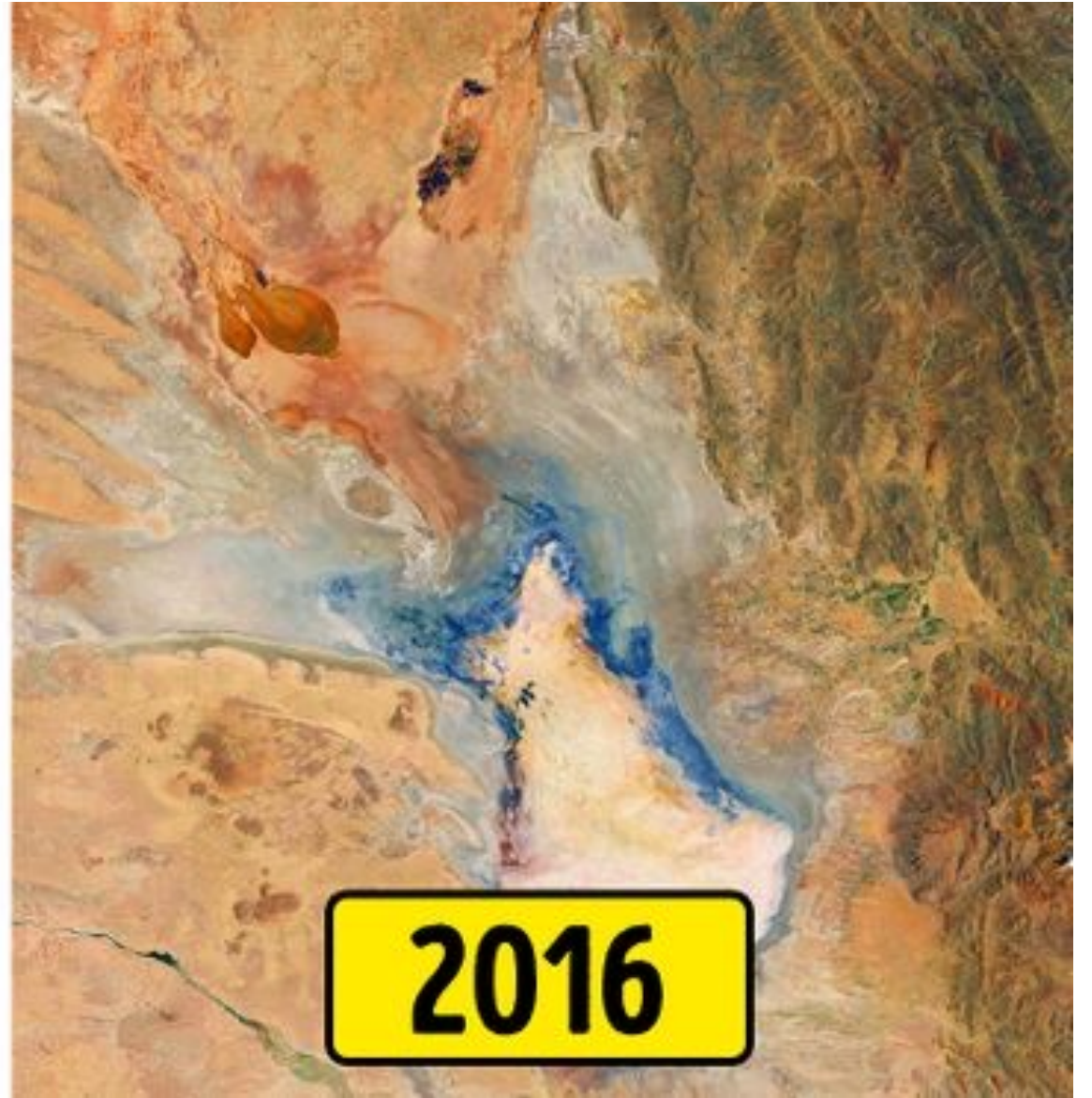




Rainforest, Brazil



2013



2016

An aerial photograph of a long, white truss bridge spanning a wide, deep reservoir. The water is a vibrant blue-green color, and the surrounding landscape is lush with green trees and vegetation. The sky is clear and blue.

2000

An aerial photograph of the same bridge, but the reservoir is almost completely dry. The water is reduced to a thin, winding stream. The surrounding landscape is now a mix of brown, tan, and grey, indicating significant drought and soil erosion. The bridge's shadow is cast on the dry ground.

2016

Look at the Earth now and then...

<https://www.youtube.com/watch?v=qGaPc7B1mCl>



Is climate change real?

What did the media say?

- ▶ TVBS : 全球天氣異常綜合報導
- ▶ <https://www.youtube.com/watch?v=vnGSAQeLji4>

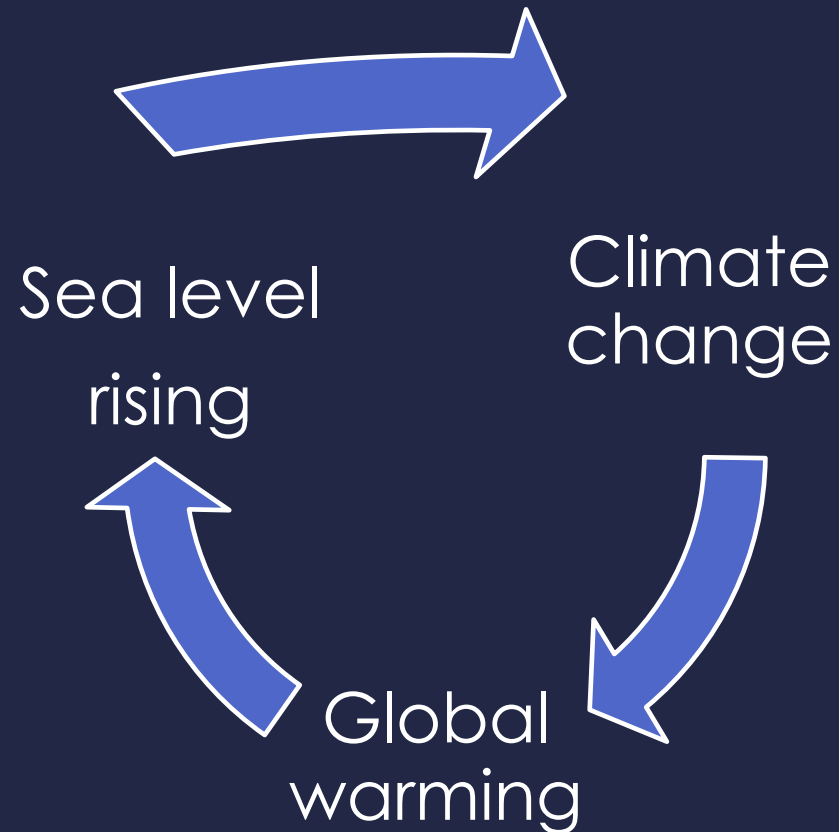
- ▶ BBC: 從全球暖化看未來地球
- ▶ <https://www.youtube.com/watch?v=WDIQbZ4bgBg>



FACT: Climate change is real.

Climate 101:

<https://www.nationalgeographic.com/environment/article/global-warming-real>





CLIMATE
CENTRAL

Climate change causes **Sea level to rise**

Look at this country

<https://www.youtube.com/watch?v=NaxB3vOpqaQ>



How about Taiwan?



Your turn to find out...

- ➔ The effect / impact of sea level rising to Taiwan







UN報告：極端氣候



搶救消失的國土



消失的國土

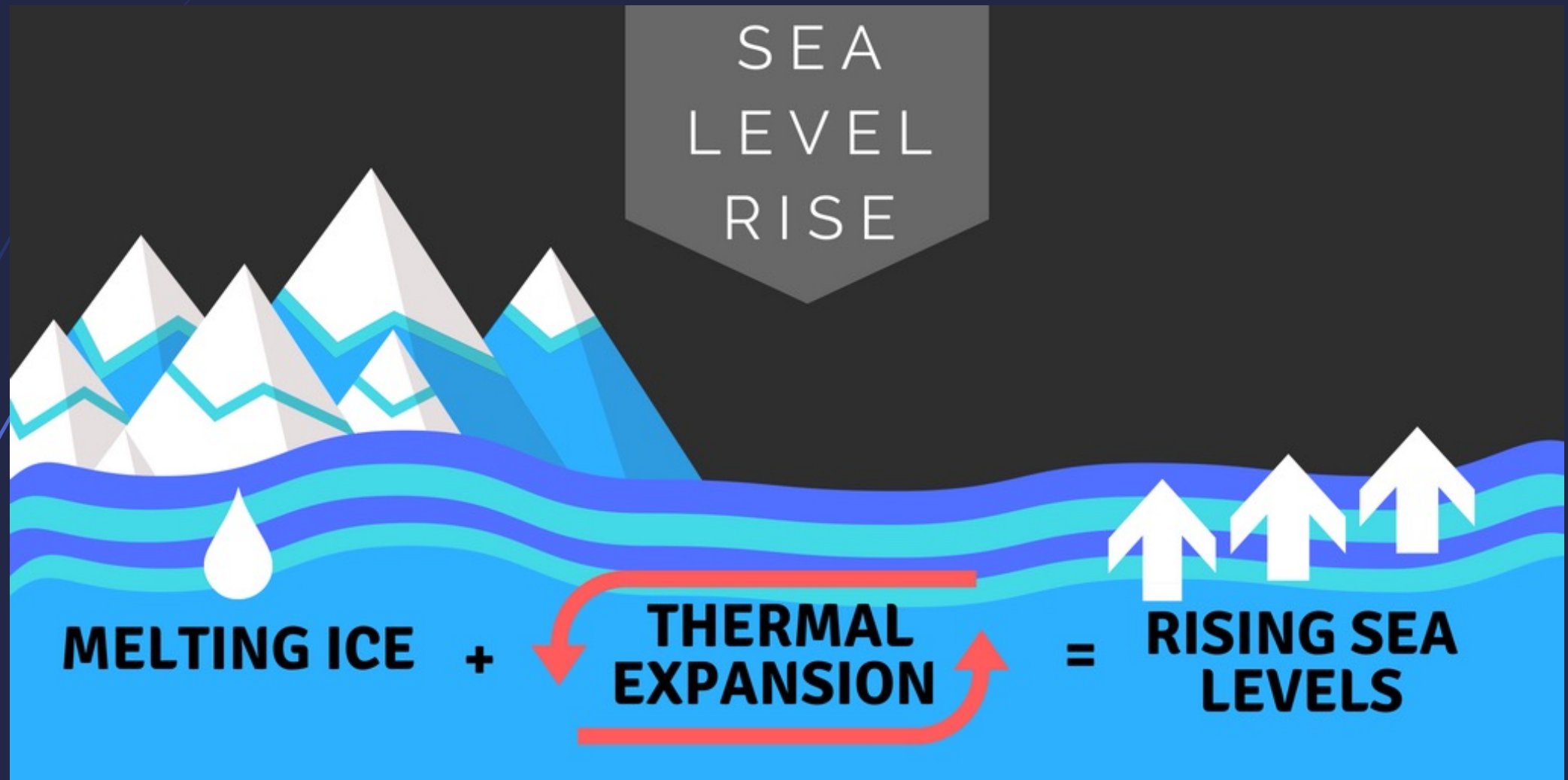


逼近臺灣的危機



Why do we need ice?

Infographic about sea level rising



Infographic about sea level rising

RISING SEA LEVEL = RISING DANGER

as icebergs
MELT
sea levels
RISE

by the year 2100
670 U.S.
cities
could actually be
FLOODED

some cities at
RISK include:

- × boston, ma
- × new york, ny
- × miami, fl
- × oakland, ca

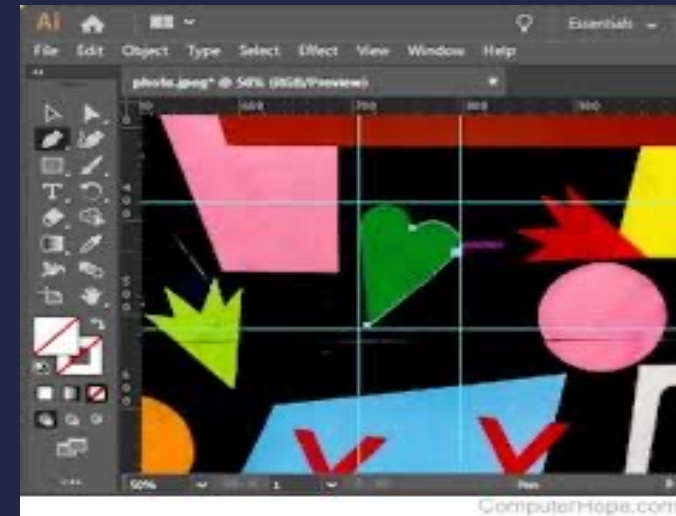
Halt the tides. Reduce your carbon footprint.

What is "Infographic"?

Information



graphic



Group mission

Make your own **Taiwan sea level rising** infographic

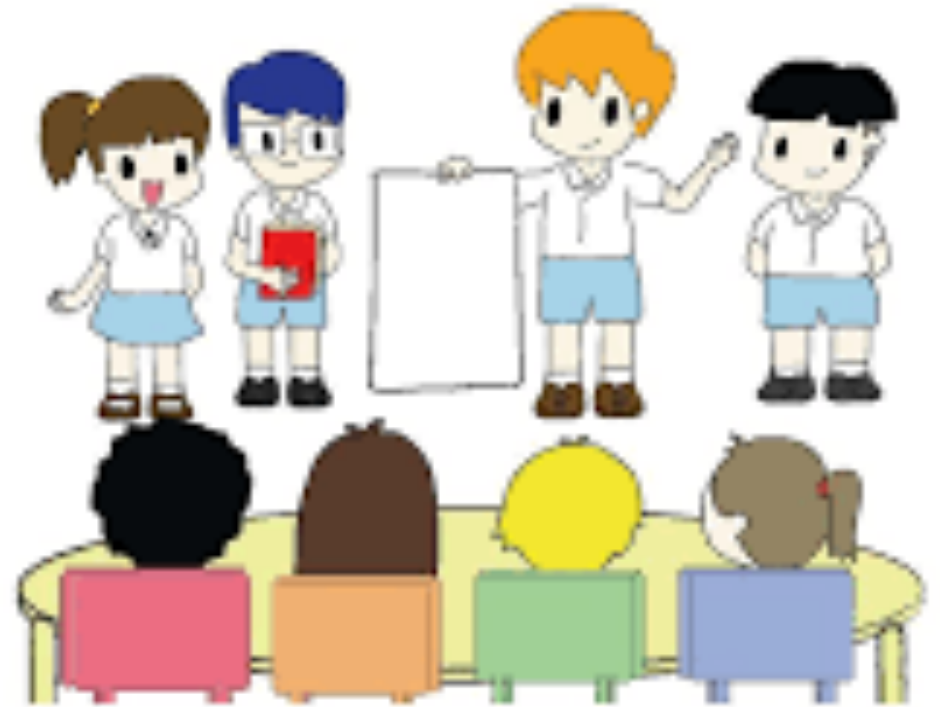


WE WANT YOU!

Group presentation

- ▶ Hello, we are group _____.
- ▶ My name is Emily, Jay.....
- ▶ Sea level is rising, and the cause is
..The effect is _____.
- ▶ It threatens Taiwan seriously.
- ▶ Climate change / Sea level rising is real!
- ▶ Thank you for listening.

Group Presentation



Role Cards