

OBJECTIVE:

At the end of the lesson students will identify local, regional, or global environmental issue by **describing the cause and effect of global warming.**



ENERGY AND THE ENVIRONMENT

ENVIRONMENTAL ISSUES

1922



TODAY



1918



TODAY



1918



TODAY









- <http://envis.tropmet.res.in/kidscorner/greenhouse.htm>

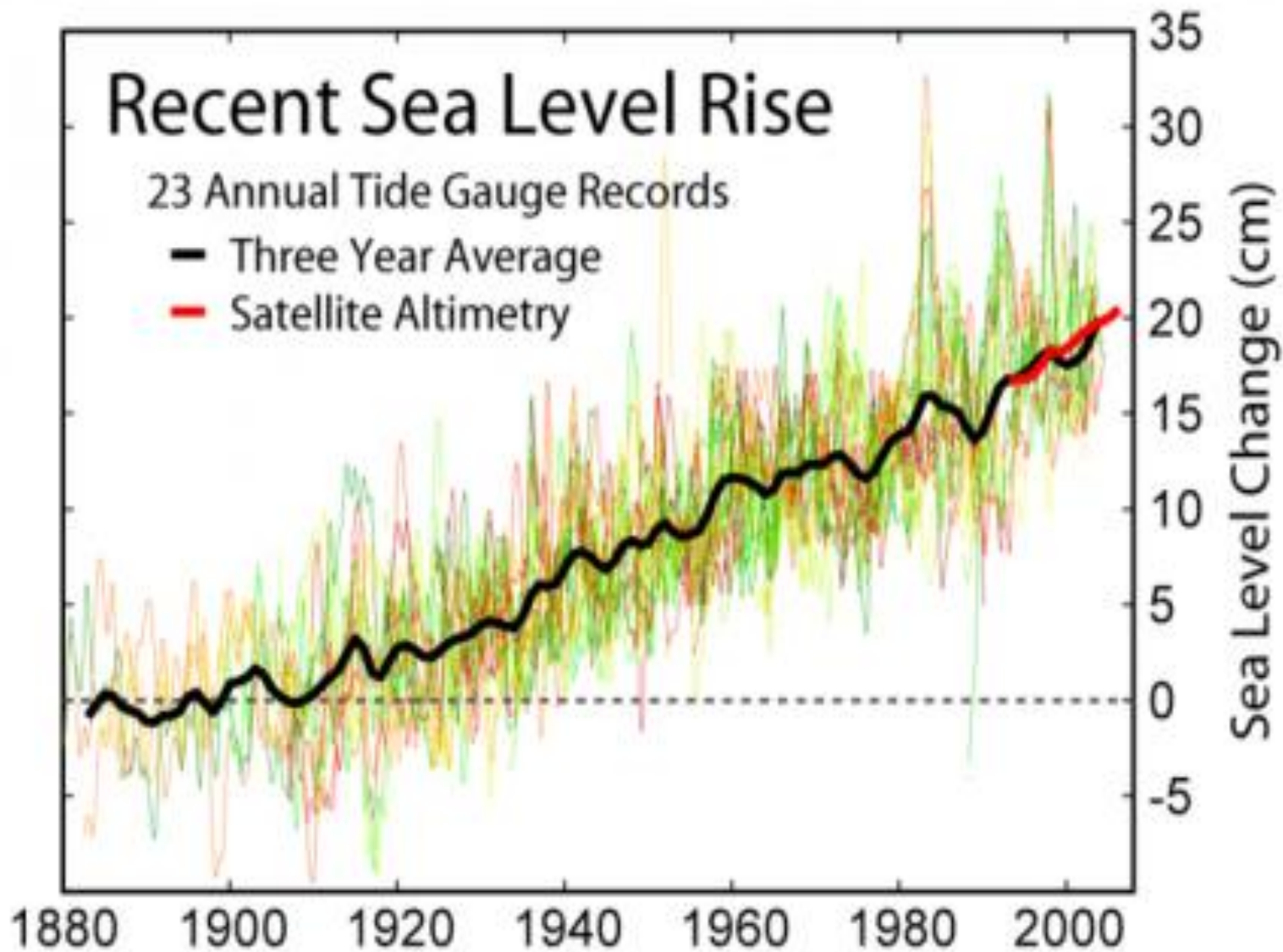




Recent Sea Level Rise

23 Annual Tide Gauge Records

- Three Year Average
- Satellite Altimetry



- **Vanishing land**

- Photo | February 28, 2011

A widow by the sea on Saga Island at the mouth of the Ganges, part of the Sundarbans: a 20,000 square kilometre area of Unesco-protected Mangrove forest stretching between India and Bangladesh. A combination of subsidence and sea level rise means these fragile islands are disappearing quickly, with 6,000 families already displaced. It is estimated that 30,000 people will lose their homes by 2020.





vanishing island.asx



what's happening to the islands.asx



history of sea- level rise.asx



impact on world's supply.asx



impact on human habitat.asx



costal engineering.asx



past present and future.asx

- 1. What exactly is the problem?**
- 2. What is the cause of this problem?
Who is responsible for this change?**
- 3. Do you think this problem is local or global?**
- 4. How does this problem affect the ecosystem and the community in general?**
- 5. What can we do to reduce greenhouse gas emission?**

EVALUATION:

Write a newscast about what's happening to the Chesapeake Bay. Include the following in your final draft:

- The cause of the vanishing lands of the Chesapeake Bay.
- The effects of the vanishing lands to the local residents.
- How the rising sea-level affected the ecological balance in the area.
- What a concerned citizen can contribute to help solve the problem.

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■ Write a paragraph about **"The cause and effect of the vanishing lands of the Chesapeake Bay."**

- What is global warming?
- What causes global warming?
- What is the effect of global warming on the polar ice caps and on the oceans?
- What is the effect of global warming to Chesapeake bay?
- What do you think will happen to the earth if global warming get worst?
- What could be done about global warming? Can one person make a difference?
- Cite simple ways in which you can help stop or slow down the global warming.

SUMMARY...

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