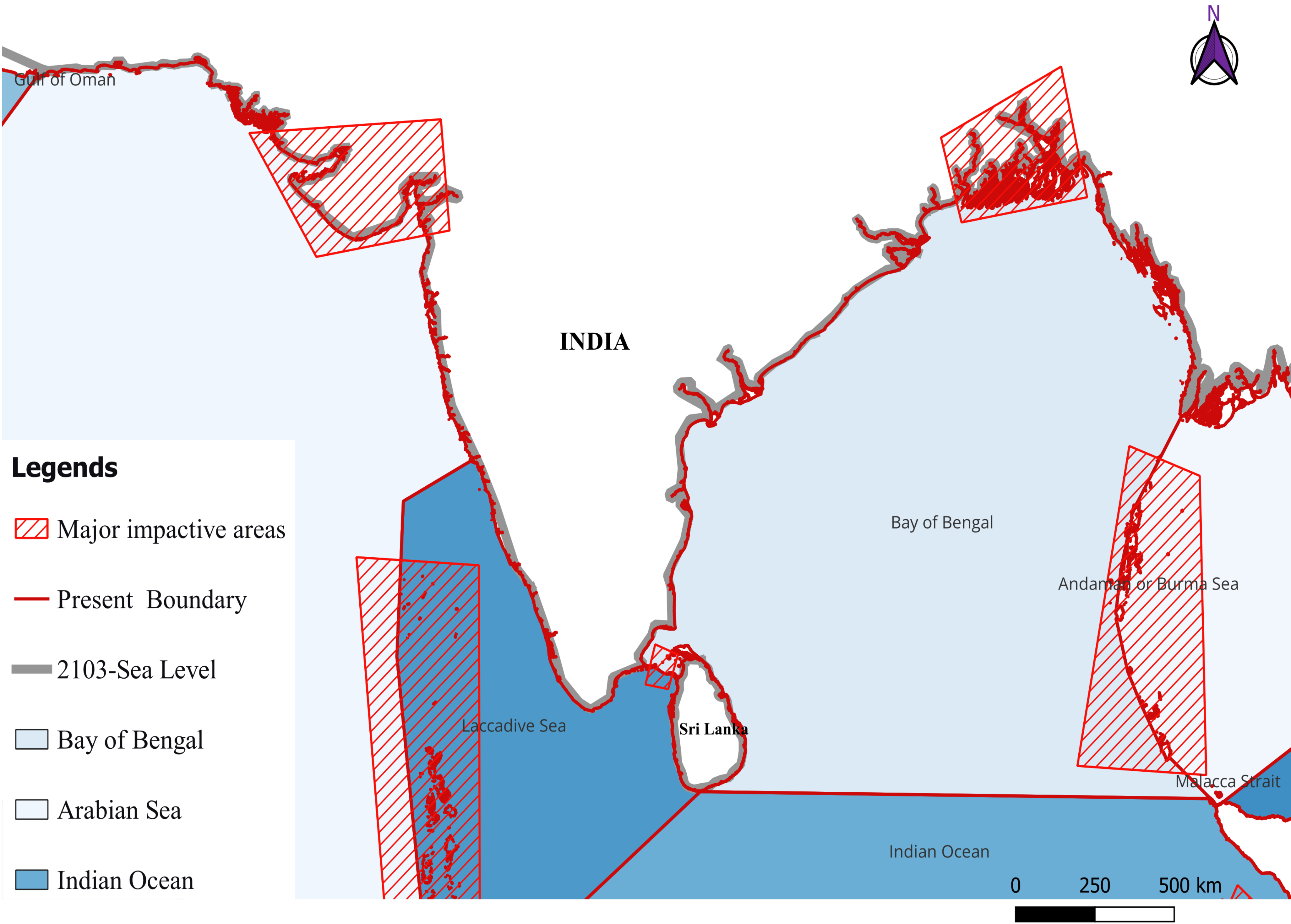


Title: Sea Level Rise Detection in India and Its Surrounding Countries

Map description and analysis



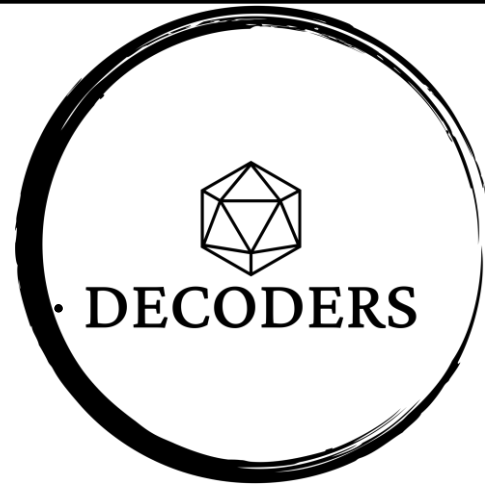
ABSTRACT:
This map shows sea level rise in India and its surrounding countries due global warming and climate change .It also shows the areas where it affects the most

INTRODUCTION:
Over the course of the 20th century, global mean sea level rose at about 1.5 millimetres per year. By the early 1990s, it was about 2.5 mm per year. Over the past decade, the rate has increased to 3.9 mm (0.15 inches) per year. In the line plot, the highs and lows each year are caused by the exchange of water between the land and sea.

Global warming and climate change:
Global warming is the long-term heating of Earth’s surface observed since the pre-industrial period (between 1850 and 1900) due to human activities, primarily fossil fuel burning, which increases heat-trapping greenhouse gas levels in Earth’s atmosphere. This term is not interchangeable with the term "climate change."

CAUSES:
Global warming occurs when carbon dioxide (CO2) and other air pollutants collect in the atmosphere and absorb sunlight and solar radiation that have bounced off the earth’s surface.

NOTE:
The above-mentioned contents are research made by the NASA in last three decades .With these data we did a calculation that shows rise of the sea level from the year of 2022 to 2103.All the calculation we are done based on the research done by NASA . Other details and calculations are mentioned in the documentation.



Team Name: Decoders
Topic: Oceanography
Team lead: Charuprakash M.K

Organization: Theni kammavar sangam college of technology
Contact/email: charuprakash30072002@gmail.com