

MEASURING SEA HEIGHT

For more than a century, global mean sea level has been rising. This increase threatens coastal areas, home to a significant proportion (20%) of the world's population.

Continued satellite surveillance over several decades is needed to determine the precise rise in sea level, identify the causes and evaluate the consequences, both for the environment and affected populations.

We already know that many islands could be completely submerged (including the Tuvalu Islands in the Pacific Ocean), and that coastal erosion will intensify. Low-lying coastal areas, such as the Camargue, Venice and the Netherlands, will also be affected.



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