

DID SEA LEVELS RISE IN THE 20TH CENTURY?

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Abstract

We study individual PSMSL tide gauge data on sea levels during the 20th century. We find that in 73 percent of tide gauges sea levels neither rose nor fell, in 23 percent of cases sea levels rose and in 4 percent sea levels fell. Although sea levels rose in the Baltic and the Eastern Adriatic, there is no evidence of global sea level rise. Studies which report evidence of global sea level rise during the 20th century use the same data supplemented by reconstructed data. We suggest that this result is coming from the reconstructed data than from the actual data in PSMSL.

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