

FUTURE OF SEA-LEVEL RISE

1995-2014 TO 2100



PRESENT DAY

Sea level in 1995-2014

SCENARIO 1

Sea level in 2100 if the global temperature is 2°C higher than 1900

SCENARIO 2

Sea level in 2100 if the global temperature is 4,8°C higher than 1900 with instability of the ice sheets

Données provenant du sixième rapport d'évaluation du GIEC (2021)

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LAG — LYCÉE ARGOUGES

Prote@
CO2SPHERE & SEA LEVEL



SCENARIO 1

Sea level in 2100 if the global temperature is 2°C higher than 1900

0.14

(1)

0.11

(2)

0.09

(3)

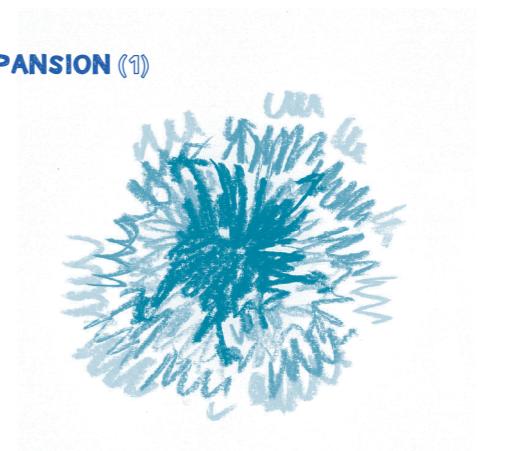
0.06

(4)

0.03



THERMAL EXPANSION (1)



ANTARCTIC ICE SHEET (2)



GLACIERS (3)



GREENLAND ICE SHEET (4)



WATER STORAGE ON LAND (5)



SCENARIO 2

Sea level in 2100 if the global temperature is 4,8°C higher than 1900 with instability of the ice sheets

0.34

(1)

0.30

(2)

0.18

(3)

0.13

(4)

0.03

(5)

