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**GEOLOGICAL SURVEY OF CANADA  
OPEN FILE 7942**

**Tabulated Values of Relative Sea-level Projections in Canada and the  
Adjacent Mainland United States**

**T.S. James, J.A. Henton, L.J. Leonard,  
A. Darlington, D.L. Forbes, M. Craymer**



**2015**

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**T.S. James<sup>1,3</sup>, J.A. Henton<sup>2</sup>, L.J. Leonard<sup>3,1</sup>, A. Darlington<sup>4</sup>, D.L. Forbes<sup>5,6</sup>,  
and M. Craymer<sup>7</sup>**

<sup>1</sup>Geological Survey of Canada, Pacific Division, Sidney, British Columbia

<sup>2</sup>Canadian Geodetic Survey, Sidney, British Columbia

<sup>3</sup>School of Earth and Ocean Sciences, University of Victoria, Victoria, British Columbia

<sup>4</sup>Environment Canada, Toronto, Ontario

<sup>5</sup>Geological Survey of Canada, Atlantic Division, Dartmouth, Nova Scotia

<sup>6</sup>Dept. of Geography, Memorial University, St. John's, Newfoundland

<sup>7</sup>Canadian Geodetic Survey, Ottawa, Ontario

**2015**

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doi:10.4095/297048

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#### **Recommended citation**

James, T.S., Henton, J.A., Leonard, L.J., Darlington, A., Forbes, D.L., and Craymer, M., 2015. Tabulated values of relative sea-level projections in Canada and the adjacent mainland United States; Geological Survey of Canada, Open File 7942, 81 p. doi:10.4095/297048.

Publications in this series have not been edited; they are released as submitted by the author.

Cover photo: Coastline at Patricia Bay, British Columbia, by F. Rhone, March 24, 2015.

**Abstract.** This Open File provides tabulated values of relative sea-level projections for 59 locations in Canada and 10 locations in the adjacent mainland United States up to the year 2100. It complements Open File 7737 “Relative Sea-level Projections in Canada and adjacent mainland United States”, which included plots of projected relative sea-level change but did not provide numerical values. The relative sea-level projections are based on the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC AR5) and on GPS observations of vertical crustal motion. Projections are relative to 1986-2005, and are given for 2007 and every ten years from 2010 to 2100 for the median value and 5<sup>th</sup> and 95<sup>th</sup> percentiles for Representative Concentration Pathway (RCP) scenarios RCP2.6, RCP4.5, and RCP8.5. As well, the projected sea level at 2100 is given for a fourth scenario where Antarctica is assumed to provide an additional 65 cm of global sea-level rise to the median projection of RCP8.5. The reader is referred to Open File 7737 for background and methods for deriving the relative sea-level projections.

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## 1. Introduction

This open file provides tables of projected relative sea-level change for coastal locations in Canada and the adjacent mainland United States up to the year 2100. It complements previously released Open File 7737 “Relative Sea-level Projections in Canada and adjacent mainland United States” (James et al., 2014), which included plots of relative sea-level projections but did not provide numerical values.

Relative sea-level changes are the changes in sea level that are observed or experienced relative to the solid surface of the Earth. Land uplift can offset global sea-level rise, leading to reduced rise or even fall of relative sea level; on the other hand, land subsidence adds to absolute sea-level rise and increases relative sea-level rise.

The relative sea-level projections given here are based on the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC AR5) (Church et al., 2013a, b) and on GPS observations of vertical land motion (James et al., 2014). The reader is referred to Church et al. (2013a, b) and James et al. (2014) for background and methods for deriving the relative sea-level projections, for explanation of scenarios, and for scope and limitations of the projections.

## 2. Contents of this Report

Three maps (Figure 1) give site locations and names for which relative sea-level projections are provided (59 in Canada and 10 in the United States). A mouse click on a site name will link the reader to a page that gives tables of projected relative sea-level change and a figure showing the sea-level projections through the 21<sup>st</sup> century for the site. Sea-level projections are tabulated for Representative Concentration Pathway (RCP) scenarios RCP2.6, RCP4.5, and RCP8.5 for 2007 and for every decade from 2010 to 2100 for the median and 5<sup>th</sup> and 95<sup>th</sup> percentile values. As well, the average projections for the time period 2081-2100 include RCP6.0 and are given for the median and 5<sup>th</sup> and 95<sup>th</sup> percentile values. Finally, the relative sea-level projection at 2100 is provided for another scenario that provides an additional 65 cm of global sea-level rise sourced from the West Antarctic Ice Sheet and added to the median projection of RCP8.5.

## 3. Summary

The tabulated values provided here may assist the reader with preparation of plots and tables related to projections of mean relative sea-level change at specified locations in Canada and the northern mainland United States. The reader is referred to James et al. (2014) for a description of the derivation of the projections and a related discussion.

## Acknowledgments.

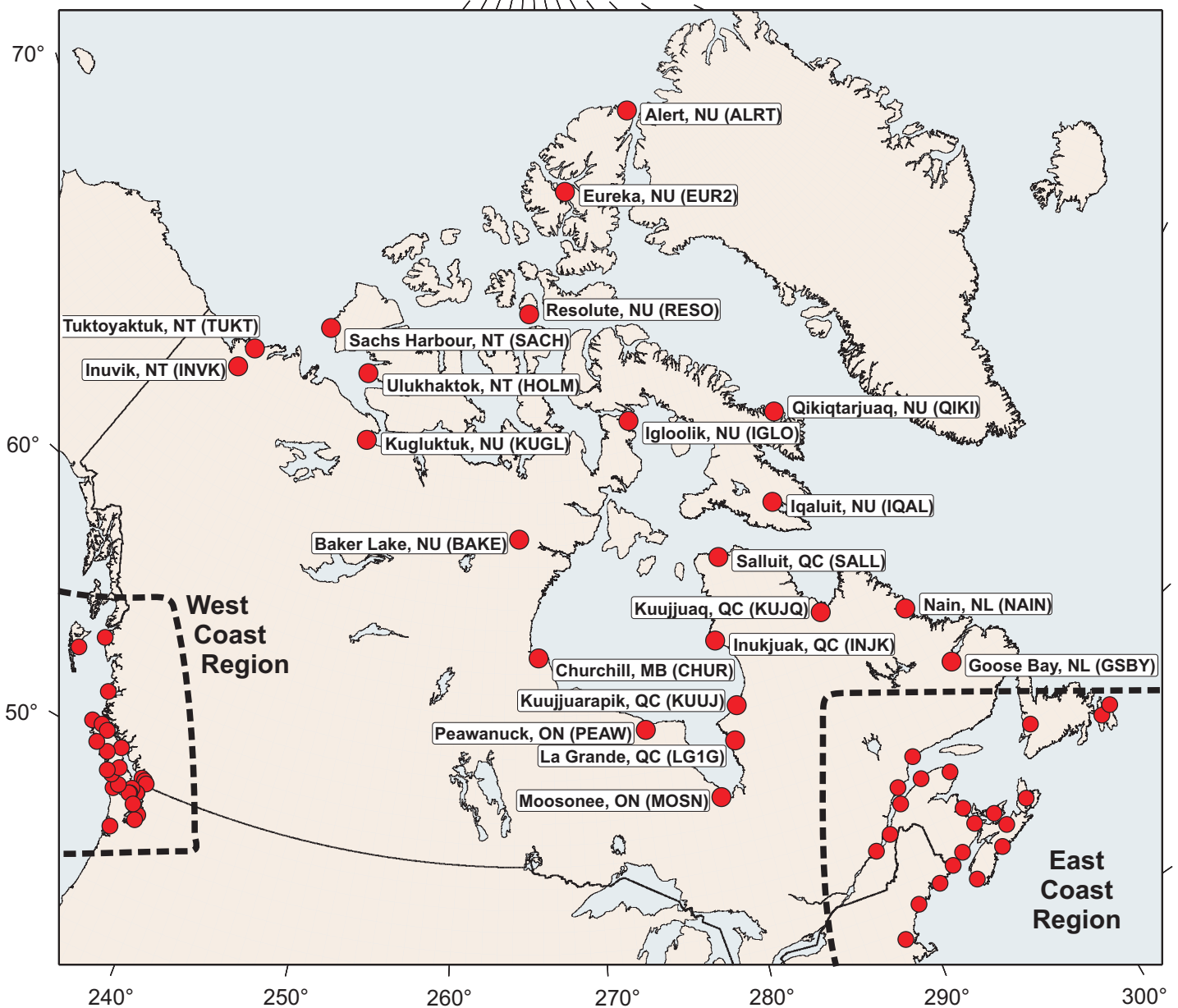
We acknowledge support from the Climate Change Impacts and Adaptation Division, Earth Sciences Sector (ESS), NRCan. We gratefully acknowledge the advice and encouragement provided by Don Lemmen. Mark Carson is gratefully acknowledged for assistance with IPCC AR5 data files. The AR5 sea-level projections were obtained from the Integrated Climate Data Center at the University of Hamburg and downloaded from [https://icdc.zmaw.de/ar5\\_slr.html?&L=1](https://icdc.zmaw.de/ar5_slr.html?&L=1) (at the time of writing, the web page has changed and click on “English” on top right corner to be taken to the English language page). We thank John Hunter for providing advice on the IPCC AR5 regional sea-level projections. We thank the Canadian Crustal Deformation Service for support for GPS data



analysis. Felicity Rhone provided key technical assistance with maps, figures, and tables. This is an output of the ESS Climate Change Geoscience Program.

## References

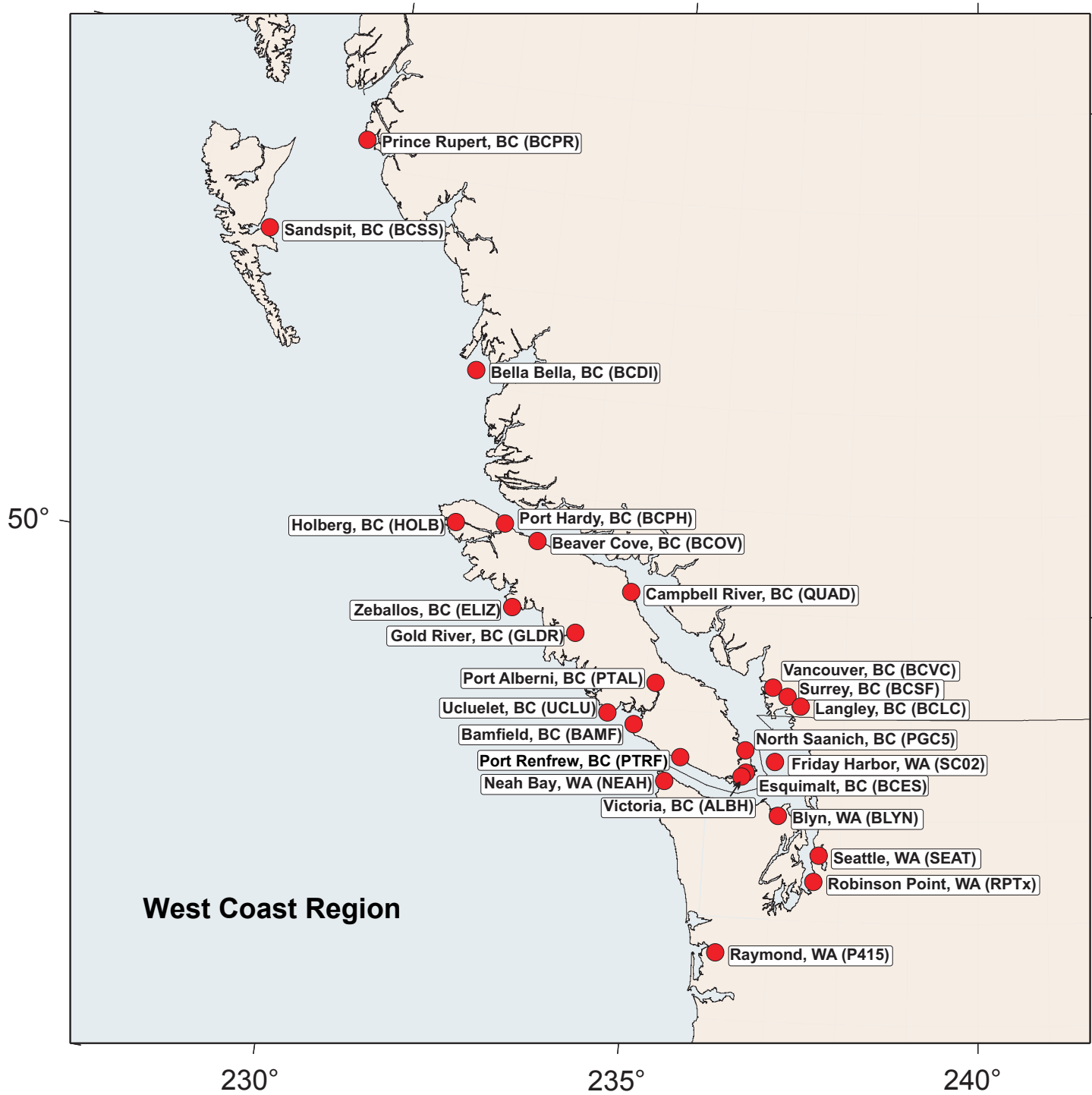
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- Church, J.A., P.U. Clark, A. Cazenave, J.M. Gregory, S. Jevrejeva, A. Levermann, M.A. Merrifield, G.A. Milne, R.S. Nerem, P.D. Nunn, A.J. Payne, W.T. Pfeffer, D. Stammer and A.S. Unnikrishnan, 2013b. Sea Level Change Supplementary Material. In: *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Stocker, T.F., D. Qin, G.-K. Plattner, M. Tignor, S.K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex and P.M. Midgley (eds.)].
- James, T.S., Henton, J.A., Leonard, L.J., Darlington, A., Forbes, D.L., and Craymer, M., 2014. *Relative Sea-level Projections in Canada and the Adjacent Mainland United States*; Geological Survey of Canada, Open File 7737, 72 p. doi:10.4095/295574.



**Figure 1a.** Site map indicating locations for which relative sea-level projections are provided (red dots) and indicating the extent of the East and West Coast Regions (see Fig. 1b and 1c). Site names and GPS station abbreviations (in brackets) are given for the North Coast Region. A mouse click in the East Coast Region or the West Coast Region provides a link to the map for the corresponding region. A mouse click on a red dot or station name in the North Coast Region provides a link to a page providing a figure and tables of relative sea-level projections for the site.



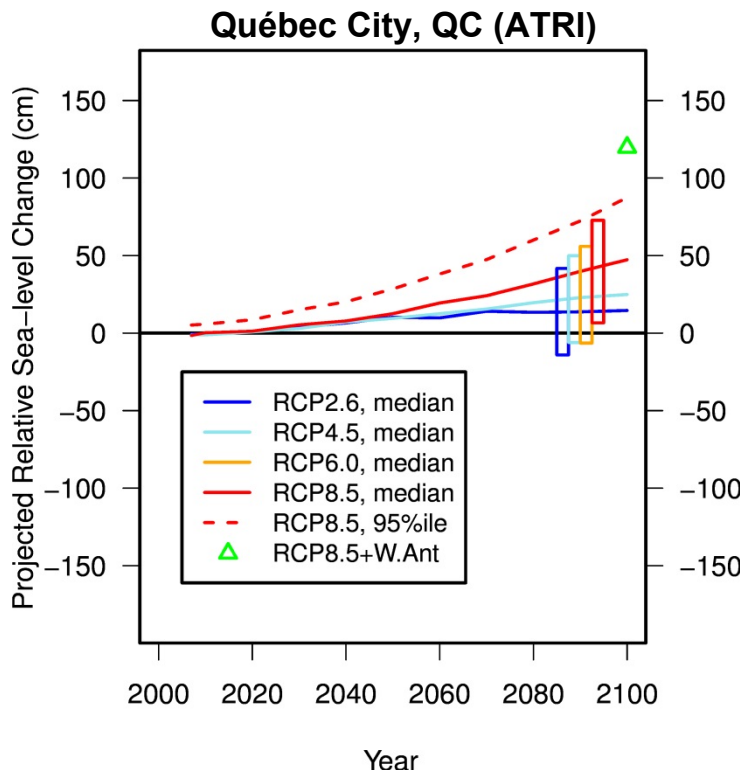
**Figure 1b.** Site map indicating locations for which relative sea-level projections are provided (coloured dots) in the East Coast Region. GPS site names are given in brackets. Charlottetown, PE, (green dot) does not have a GPS station and its vertical velocity is estimated from nearby GPS sites. A mouse click on a site location or site name provides a link to a page providing a figure and tables of relative sea-level projections for the site.



**Figure 1c.** Site map indicating locations for which relative sea-level projections are provided (red dots) in the West Coast Region. GPS site names are given in brackets. A mouse click on a site location or site name provides a link to a page providing a figure and tables of relative sea-level projections for the site.

Québec City, QC (ATRI)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-8.2	-0.6	6.9
2010	-6.2	-0.5	5.2
2020	-4.0	1.1	6.3
2030	-4.2	3.7	11.5
2040	-5.2	6.6	18.4
2050	-5.1	10.2	25.5
2060	-10.1	9.8	29.7
2070	-8.3	14.1	36.5
2080	-11.5	13.4	38.4
2090	-13.3	13.7	40.6
2100	-16.4	14.6	45.6

RCP4.5			
year	5%	median	95%
2007	-5.9	-1.2	3.4
2010	-5.9	-1.1	3.6
2020	-7.9	0.7	9.3
2030	-8.8	3.0	14.9
2040	-4.2	7.1	18.4
2050	-2.5	9.5	21.5
2060	-4.3	12.5	29.4
2070	-4.0	15.5	35.0
2080	-4.6	19.6	43.7
2090	-5.5	22.9	51.4
2100	-6.6	24.9	56.4

RCP8.5			
year	5%	median	95%
2007	-8.3	-1.5	5.2
2010	-5.3	0.2	5.8
2020	-6.2	1.2	8.6
2030	-4.3	5.3	15.0
2040	-4.6	7.8	20.2
2050	-3.4	12.5	28.5
2060	0.6	19.4	38.1
2070	0.9	24.1	47.4
2080	3.5	31.7	60.0
2090	7.2	39.8	72.3
2100	7.2	47.3	87.4

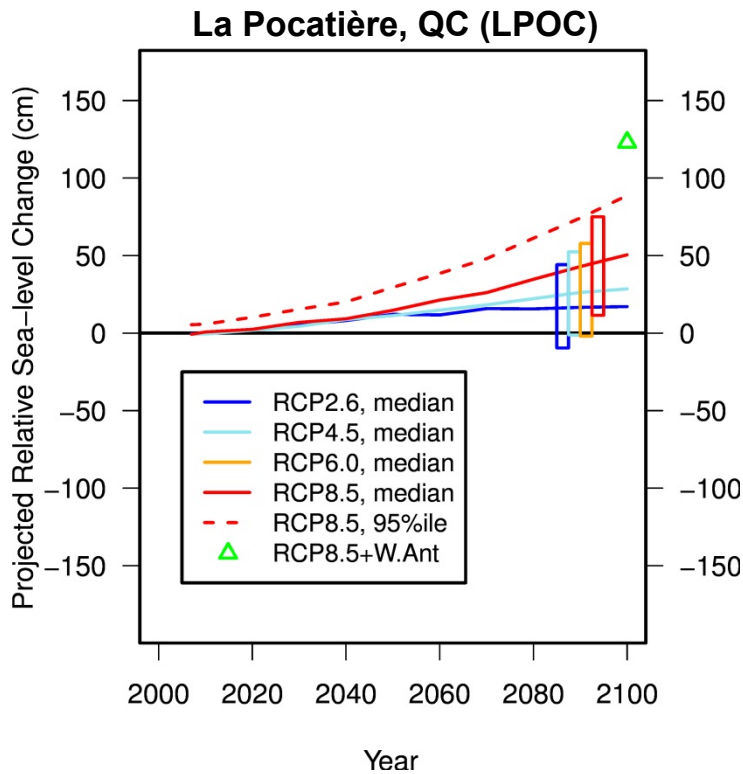
Figure 2. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-14.1	13.8	41.7
RCP4.5	-6.1	21.9	49.9
RCP6.0	-6.4	24.7	55.9
RCP8.5	6.6	39.7	72.8

RCP8.5+W.Ant at 2100: 119.7 cm

La Pocatière, QC (LPOC)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-7.3	-0.3	6.7
2010	-4.6	-0.1	4.5
2020	-2.4	2.3	7.1
2030	-1.9	5.3	12.5
2040	-2.5	8.1	18.8
2050	-1.8	12.1	25.9
2060	-6.9	11.7	30.2
2070	-5.3	15.8	36.8
2080	-7.7	15.6	38.8
2090	-8.6	16.6	41.7
2100	-10.5	17.1	44.7

RCP4.5			
year	5%	median	95%
2007	-5.3	-0.7	3.8
2010	-4.7	-0.6	3.4
2020	-6.4	1.8	9.9
2030	-6.7	4.4	15.5
2040	-0.8	8.7	18.2
2050	0.9	11.3	21.8
2060	-0.7	14.8	30.4
2070	0.4	18.2	36.1
2080	0.2	22.2	44.2
2090	-0.7	26.2	53.1
2100	-1.7	28.5	58.8

RCP8.5			
year	5%	median	95%
2007	-7.0	-0.8	5.4
2010	-4.5	0.7	5.8
2020	-5.4	2.4	10.2
2030	-1.6	6.9	15.4
2040	-1.6	9.2	20.1
2050	0.0	14.7	29.5
2060	4.1	21.3	38.5
2070	4.2	26.1	48.0
2080	8.2	34.7	61.2
2090	11.7	42.9	74.2
2100	12.2	50.5	88.7

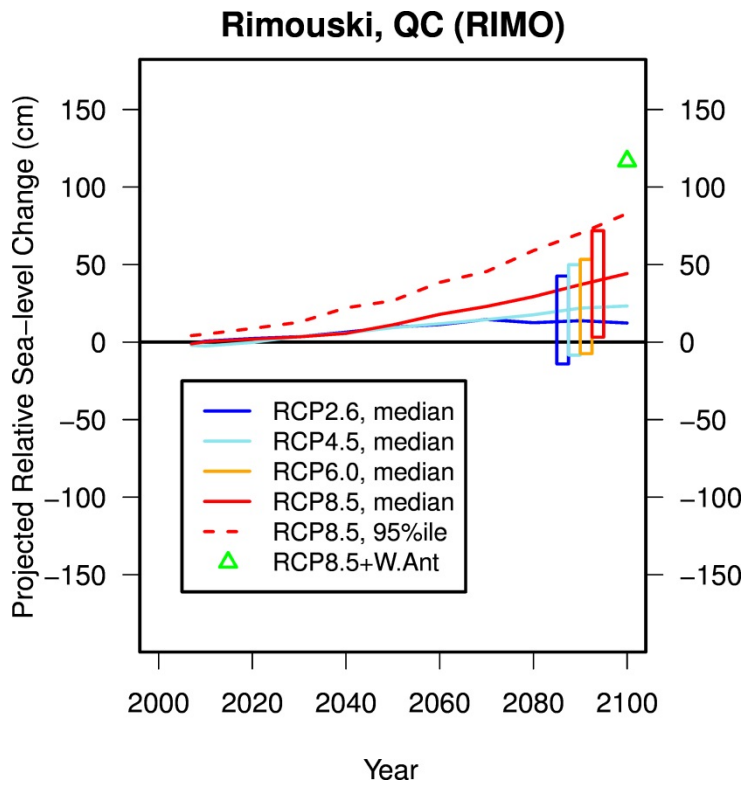
Figure 3. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-9.6	17.3	44.1
RCP4.5	-1.2	25.6	52.4
RCP6.0	-1.9	28.0	57.8
RCP8.5	11.5	43.2	75.0

RCP8.5+W.Ant at 2100: 123.0 cm

Rimouski, QC (RIMO)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-6.1	-1.1	4.0
2010	-4.1	0.6	5.2
2020	-2.5	2.3	7.1
2030	-1.3	3.5	8.3
2040	-3.2	6.4	16.0
2050	-5.1	9.6	24.3
2060	-6.5	11.3	29.0
2070	-7.2	14.6	36.4
2080	-11.3	12.5	36.3
2090	-11.4	13.8	38.9
2100	-15.0	12.3	39.6

RCP4.5			
year	5%	median	95%
2007	-4.2	-2.1	0.0
2010	-4.0	-2.5	-0.9
2020	-8.7	-0.2	8.2
2030	-8.5	3.6	15.6
2040	-5.6	5.8	17.2
2050	-0.5	9.3	19.1
2060	-5.8	11.8	29.5
2070	-4.8	14.5	33.8
2080	-6.4	17.6	41.7
2090	-5.0	21.9	48.9
2100	-8.6	23.3	55.2

RCP8.5			
year	5%	median	95%
2007	-6.5	-1.2	4.2
2010	-4.5	0.3	5.1
2020	-5.0	1.9	8.8
2030	-6.0	3.4	12.8
2040	-10.9	5.6	22.1
2050	-4.5	11.1	26.7
2060	-2.7	17.9	38.5
2070	0.6	23.0	45.5
2080	-0.3	29.3	59.0
2090	3.8	37.0	70.1
2100	5.5	44.2	82.9

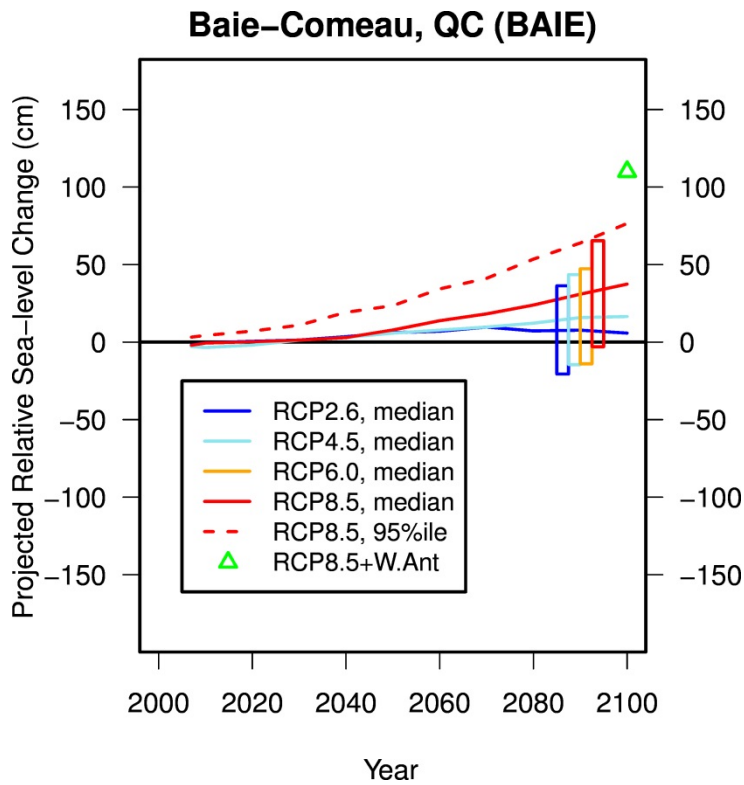
Figure 4. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-14.1	14.2	42.6
RCP4.5	-8.4	20.8	49.9
RCP6.0	-7.4	23.0	53.3
RCP8.5	3.2	37.6	71.9

RCP8.5+W.Ant at 2100: 116.8 cm

Baie-Comeau, QC (BAIE)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-7.0	-1.9	3.2
2010	-5.4	-0.5	4.5
2020	-4.2	0.5	5.1
2030	-3.4	1.3	6.0
2040	-6.2	3.5	13.2
2050	-8.8	6.1	20.9
2060	-10.8	7.0	24.8
2070	-12.4	9.7	31.9
2080	-16.7	7.2	31.0
2090	-17.8	7.7	33.1
2100	-21.8	5.8	33.4

RCP4.5			
year	5%	median	95%
2007	-5.1	-2.9	-0.6
2010	-5.2	-3.5	-1.8
2020	-10.1	-1.9	6.4
2030	-10.6	1.2	13.1
2040	-8.4	3.0	14.5
2050	-4.4	5.8	16.0
2060	-10.0	7.7	25.4
2070	-9.5	9.7	28.9
2080	-11.7	12.2	36.2
2090	-11.3	15.8	42.9
2100	-15.2	16.5	48.3

RCP8.5			
year	5%	median	95%
2007	-7.4	-2.1	3.2
2010	-5.4	-0.6	4.3
2020	-6.8	0.2	7.1
2030	-8.3	1.3	10.9
2040	-13.5	2.9	19.2
2050	-7.9	7.8	23.5
2060	-6.8	13.8	34.3
2070	-4.6	18.2	41.1
2080	-5.7	23.9	53.5
2090	-2.0	30.9	63.9
2100	-1.6	37.4	76.5

Figure 5. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

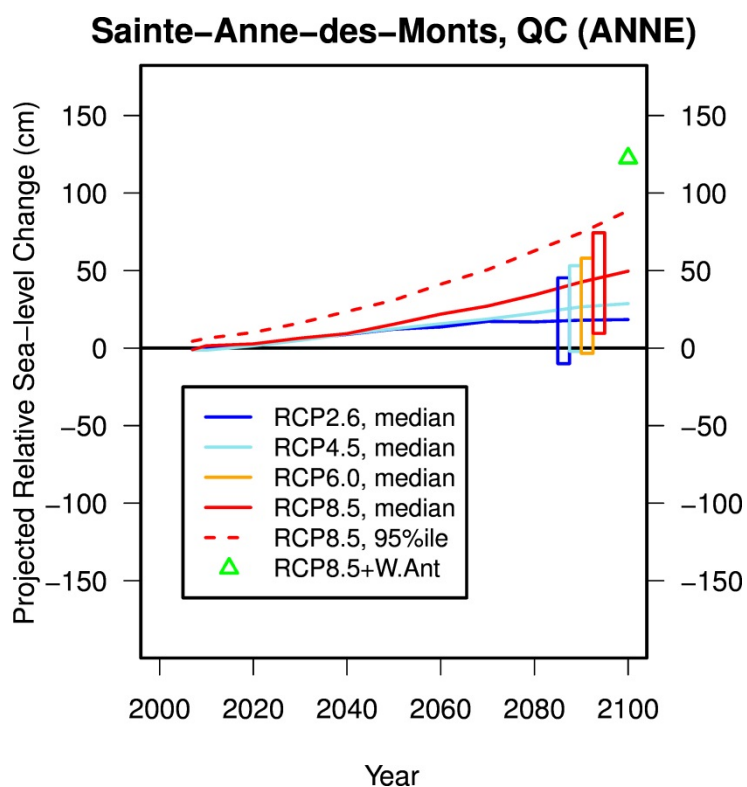
Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-20.6	7.9	36.3
RCP4.5	-14.5	14.5	43.5
RCP6.0	-14.0	16.7	47.3
RCP8.5	-3.0	31.2	65.4

RCP8.5+W.Ant at 2100: 110.0 cm



Sainte-Anne-des-Monts, QC (ANNE)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-6.2	-0.7	4.8
2010	-4.7	0.8	6.3
2020	-1.2	2.7	6.6
2030	0.9	5.5	10.1
2040	-0.9	8.8	18.5
2050	-2.1	12.2	26.6
2060	-4.0	13.6	31.3
2070	-5.3	17.2	39.7
2080	-6.3	16.9	40.1
2090	-7.6	18.0	43.6
2100	-9.6	18.4	46.3

RCP4.5			
year	5%	median	95%
2007	-4.5	-1.2	2.1
2010	-4.3	-1.3	1.6
2020	-5.7	1.4	8.6
2030	-5.6	5.0	15.6
2040	-2.0	9.0	19.9
2050	1.2	12.4	23.6
2060	-1.4	15.7	32.8
2070	0.5	18.7	37.0
2080	-0.2	22.5	45.2
2090	-0.3	26.6	53.5
2100	-1.9	28.7	59.3

RCP8.5			
year	5%	median	95%
2007	-6.6	-1.1	4.4
2010	-3.2	1.5	6.3
2020	-4.6	2.7	10.1
2030	-3.3	6.4	16.2
2040	-5.0	9.3	23.6
2050	-0.2	15.4	30.9
2060	2.6	21.9	41.2
2070	3.8	27.1	50.5
2080	6.0	34.3	62.7
2090	10.8	42.6	74.4
2100	10.6	49.6	88.6

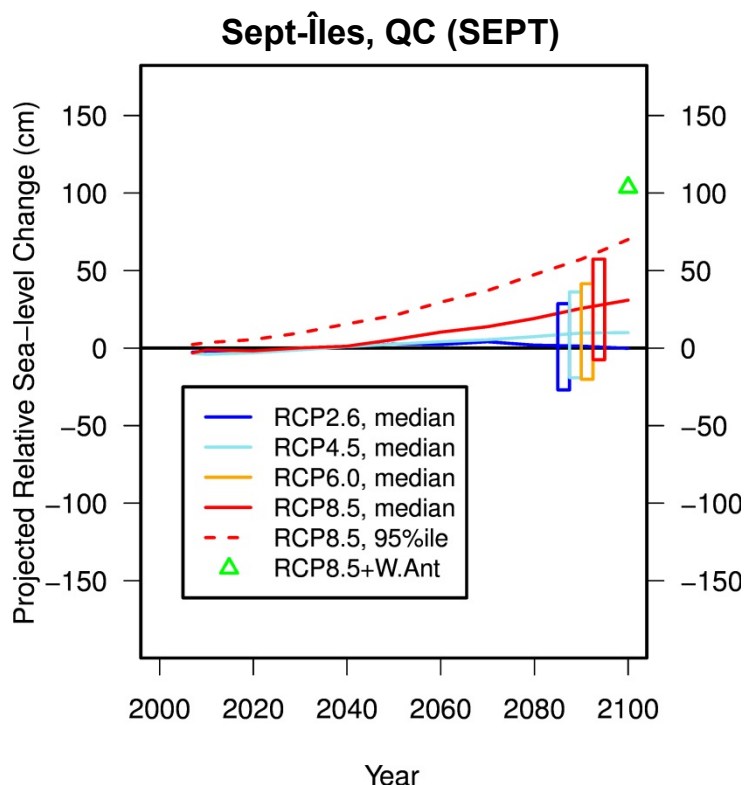
Figure 6. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-10.0	17.6	45.3
RCP4.5	-2.1	25.5	53.1
RCP6.0	-3.4	27.3	58.0
RCP8.5	9.5	42.0	74.4

RCP8.5+W.Ant at 2100: 122.5 cm

Sept-Îles, QC (SEPT)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-8.2	-2.7	2.7
2010	-7.3	-1.9	3.5
2020	-5.6	-1.7	2.3
2030	-5.4	-0.7	4.0
2040	-9.0	0.8	10.7
2050	-11.9	2.6	17.1
2060	-15.5	2.3	20.1
2070	-18.5	4.1	26.7
2080	-21.5	1.9	25.4
2090	-24.4	1.3	26.9
2100	-28.5	-0.2	28.0

RCP4.5			
year	5%	median	95%
2007	-6.5	-3.3	-0.1
2010	-6.9	-4.0	-1.2
2020	-10.2	-3.0	4.2
2030	-11.8	-1.1	9.5
2040	-10.0	0.9	11.8
2050	-8.6	2.5	13.7
2060	-13.0	4.1	21.2
2070	-13.0	5.4	23.7
2080	-15.4	7.4	30.2
2090	-17.2	9.7	36.6
2100	-20.6	10.0	40.6

RCP8.5			
year	5%	median	95%
2007	-8.6	-3.2	2.3
2010	-6.0	-1.2	3.5
2020	-9.0	-1.8	5.5
2030	-9.6	0.1	9.8
2040	-13.2	1.2	15.6
2050	-10.0	5.5	21.0
2060	-9.0	10.3	29.6
2070	-9.5	13.8	37.1
2080	-9.2	19.1	47.4
2090	-6.2	25.6	57.3
2100	-8.1	30.9	70.0

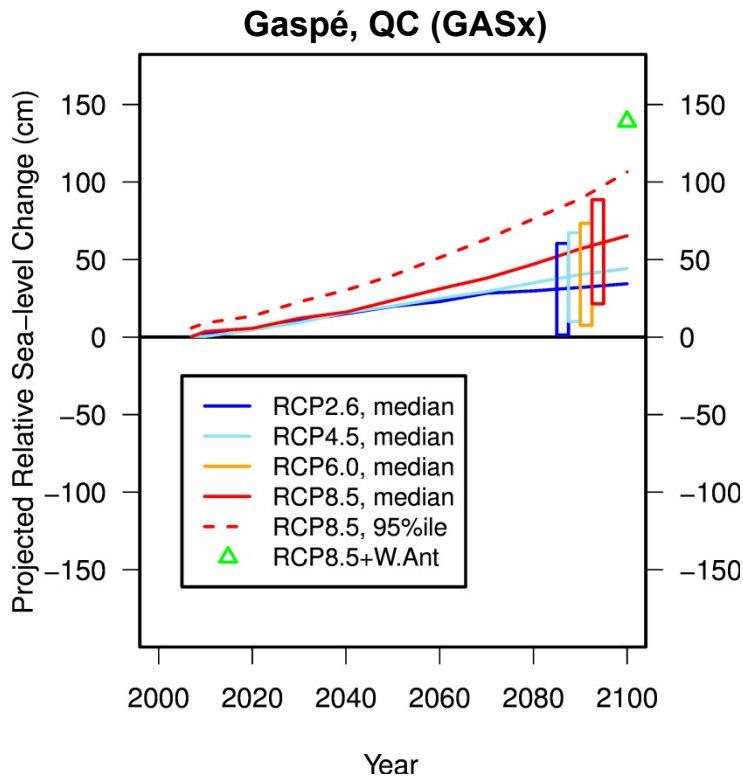
Figure 7. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-27.0	0.9	28.7
RCP4.5	-19.1	8.5	36.2
RCP6.0	-20.1	10.7	41.5
RCP8.5	-7.5	25.0	57.4

RCP8.5+W.Ant at 2100: 103.6 cm

Gaspé, QC (GASx)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.6	0.5	6.5
2010	-4.1	2.7	9.4
2020	1.7	5.5	9.4
2030	5.1	10.2	15.4
2040	4.1	15.1	26.1
2050	3.9	19.8	35.7
2060	3.7	22.9	42.1
2070	3.5	28.3	53.0
2080	5.0	29.8	54.7
2090	4.5	32.0	59.4
2100	4.5	34.4	64.3

RCP4.5			
year	5%	median	95%
2007	-3.5	0.5	4.5
2010	-3.3	0.4	4.0
2020	-2.2	4.7	11.6
2030	-1.5	9.4	20.2
2040	4.1	15.7	27.4
2050	7.0	20.0	33.0
2060	7.0	25.0	42.9
2070	10.3	29.3	48.3
2080	11.5	35.0	58.6
2090	11.8	40.3	68.9
2100	13.1	44.2	75.2

RCP8.5			
year	5%	median	95%
2007	-5.7	0.1	5.9
2010	-1.8	3.6	9.1
2020	-2.3	5.6	13.5
2030	1.5	12.1	22.7
2040	1.9	16.1	30.3
2050	7.5	23.7	39.8
2060	10.8	31.1	51.3
2070	12.8	38.0	63.2
2080	17.8	47.0	76.2
2090	24.6	56.9	89.1
2100	24.1	65.3	106.5

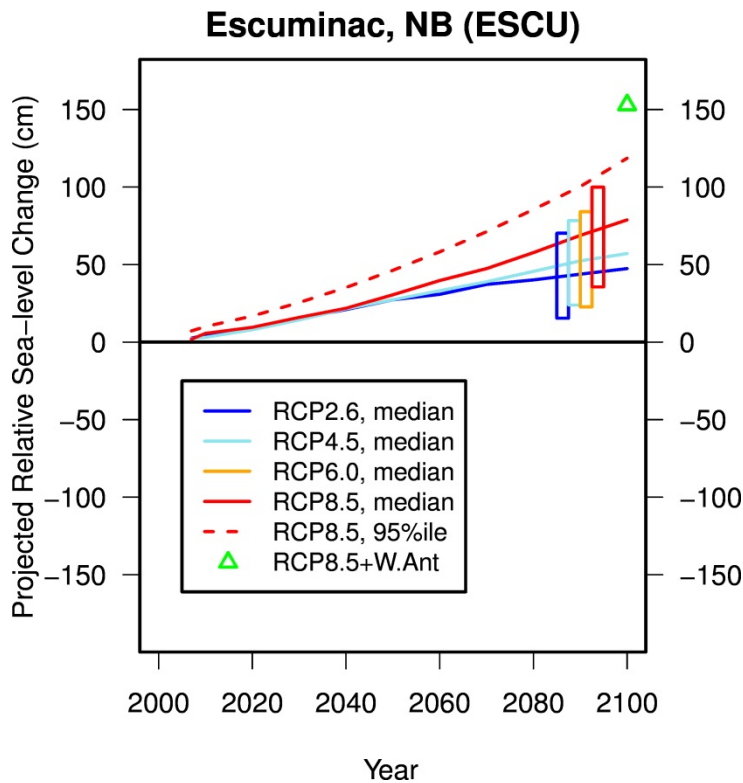
Figure 8. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	1.3	30.9	60.4
RCP4.5	10.0	38.6	67.3
RCP6.0	7.6	40.5	73.3
RCP8.5	21.5	55.0	88.6

RCP8.5+W.Ant at 2100: 139.1 cm

Escuminac, NB (ESCU)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.0	2.5	8.1
2010	-1.0	4.6	10.2
2020	5.2	9.0	12.9
2030	10.2	15.1	20.1
2040	10.9	21.0	31.0
2050	13.1	27.3	41.4
2060	13.0	30.8	48.5
2070	14.8	37.2	59.6
2080	17.1	40.1	63.2
2090	17.8	43.8	69.7
2100	18.3	47.4	76.5

RCP4.5			
year	5%	median	95%
2007	-1.7	2.3	6.2
2010	-0.6	3.1	6.8
2020	1.1	8.0	14.8
2030	4.1	14.3	24.5
2040	10.6	21.4	32.2
2050	15.6	27.3	39.0
2060	16.2	33.1	50.1
2070	20.7	38.9	57.2
2080	22.9	45.6	68.3
2090	25.4	52.4	79.5
2100	26.0	57.1	88.1

RCP8.5			
year	5%	median	95%
2007	-3.5	1.8	7.2
2010	1.2	5.6	10.0
2020	2.1	9.5	16.8
2030	6.4	15.9	25.5
2040	8.4	21.8	35.2
2050	14.7	30.5	46.3
2060	21.3	39.7	58.2
2070	23.7	47.4	71.2
2080	29.9	57.7	85.5
2090	37.4	68.8	100.3
2100	38.9	78.8	118.6

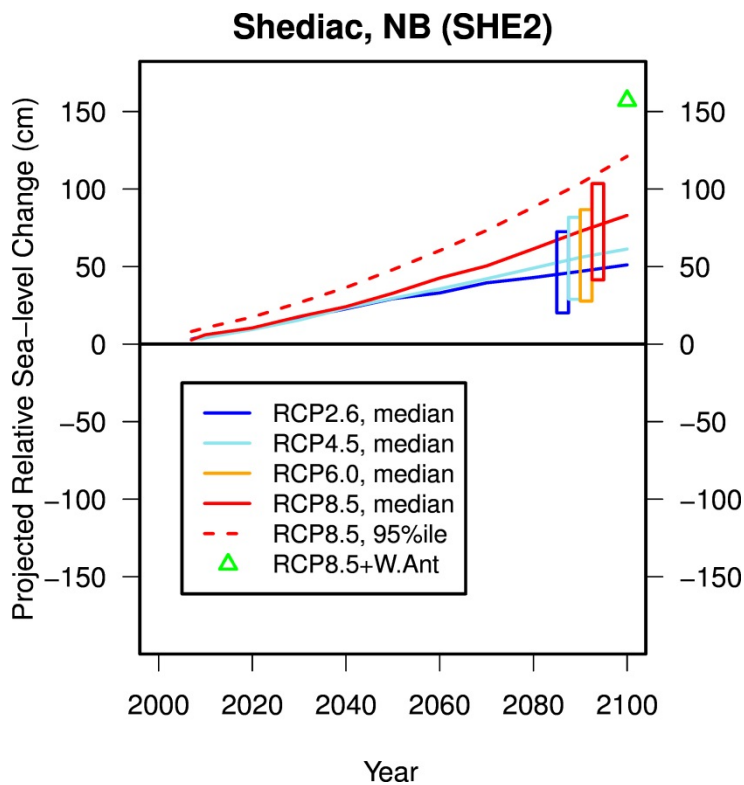
Figure 9. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	15.4	42.8	70.2
RCP4.5	23.9	51.1	78.3
RCP6.0	22.7	53.4	84.1
RCP8.5	35.6	67.8	99.9

RCP8.5+W.Ant at 2100: 152.9 cm

Shediac, NB (SHE2)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-2.3	3.2	8.8
2010	0.2	5.3	10.3
2020	6.0	10.0	14.1
2030	11.0	16.4	21.8
2040	13.0	22.8	32.6
2050	15.6	29.3	42.9
2060	15.7	33.0	50.2
2070	18.0	39.5	60.9
2080	20.4	42.9	65.4
2090	21.7	46.9	72.1
2100	22.4	51.1	79.8

RCP4.5			
year	5%	median	95%
2007	-1.1	3.0	7.2
2010	0.4	4.1	7.9
2020	2.4	9.4	16.5
2030	5.7	15.5	25.4
2040	13.0	23.2	33.5
2050	18.2	29.5	40.8
2060	19.3	35.6	52.0
2070	24.1	42.1	60.1
2080	26.9	49.0	71.1
2090	29.5	55.9	82.3
2100	31.3	61.3	91.4

RCP8.5			
year	5%	median	95%
2007	-2.7	2.7	8.1
2010	1.5	6.0	10.5
2020	3.4	10.4	17.4
2030	8.8	17.7	26.7
2040	11.8	24.1	36.5
2050	17.7	32.8	48.0
2060	25.0	42.6	60.3
2070	27.6	50.4	73.3
2080	34.5	61.4	88.3
2090	41.7	72.7	103.6
2100	45.0	83.0	121.1

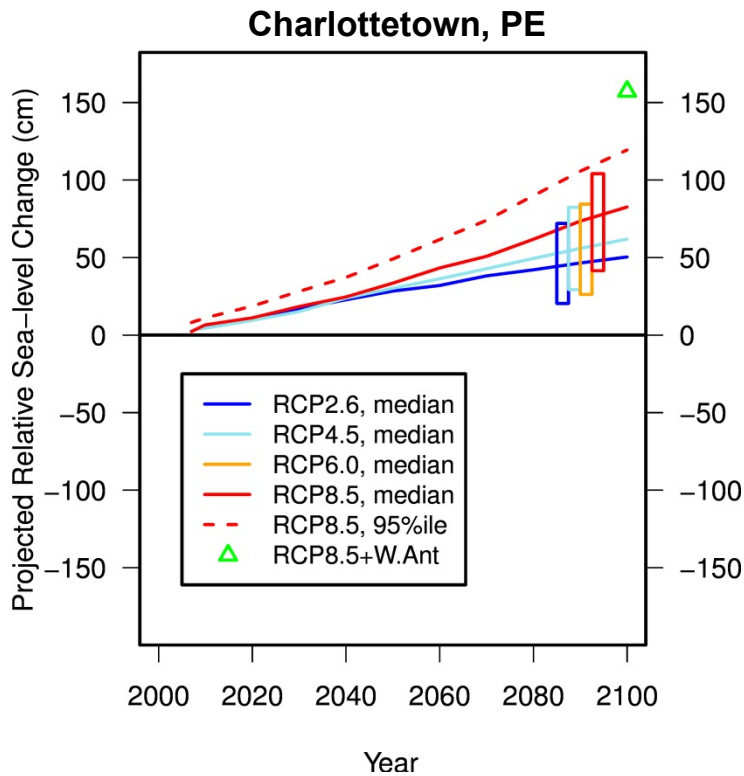
Figure 10. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	20.1	46.3	72.5
RCP4.5	28.9	55.4	81.8
RCP6.0	27.8	57.3	86.7
RCP8.5	41.4	72.4	103.5

RCP8.5+W.Ant at 2100: 157.0 cm

Charlottetown, PE

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.0	2.8	8.6
2010	-0.3	5.3	11.0
2020	5.7	9.9	14.0
2030	11.9	16.9	21.9
2040	13.8	22.8	31.9
2050	15.2	28.4	41.7
2060	15.8	32.0	48.3
2070	16.9	38.2	59.4
2080	20.9	42.1	63.3
2090	21.3	46.5	71.7
2100	23.1	50.4	77.6

RCP4.5			
year	5%	median	95%
2007	-1.4	3.0	7.5
2010	0.2	4.5	8.7
2020	2.4	9.5	16.5
2030	5.0	15.2	25.5
2040	12.7	23.8	34.8
2050	18.2	30.2	42.1
2060	19.3	36.3	53.2
2070	24.5	42.8	61.1
2080	27.2	49.4	71.7
2090	29.1	55.9	82.6
2100	31.7	61.9	92.1

RCP8.5			
year	5%	median	95%
2007	-3.5	2.3	8.1
2010	2.2	6.6	11.1
2020	3.5	11.1	18.7
2030	8.6	18.4	28.2
2040	12.1	24.6	37.2
2050	17.9	33.5	49.1
2060	25.0	43.3	61.6
2070	27.5	50.8	74.0
2080	33.8	61.8	89.9
2090	41.3	73.5	105.7
2100	45.8	82.6	119.4

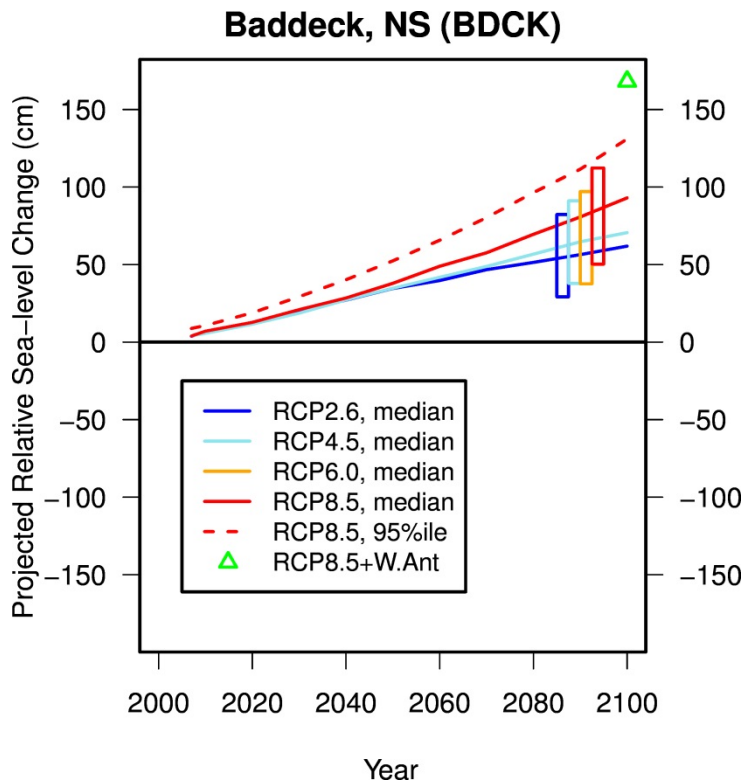
Figure 11. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	20.4	46.2	72.0
RCP4.5	29.3	55.8	82.4
RCP6.0	26.2	55.3	84.5
RCP8.5	41.5	72.8	104.1

RCP8.5+W.Ant at 2100: 157.1 cm

Baddeck, NS (BDCK)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-0.8	3.8	8.3
2010	2.0	6.6	11.2
2020	8.2	12.3	16.4
2030	13.8	19.9	26.0
2040	16.8	27.1	37.4
2050	20.7	34.6	48.5
2060	21.8	39.7	57.7
2070	24.4	46.7	69.0
2080	28.1	51.4	74.6
2090	30.7	56.4	82.0
2100	31.8	61.9	92.0

RCP4.5			
year	5%	median	95%
2007	0.1	4.0	8.0
2010	2.0	5.7	9.5
2020	4.5	11.6	18.7
2030	9.1	18.7	28.2
2040	17.2	27.2	37.3
2050	23.3	34.7	46.1
2060	25.4	41.8	58.2
2070	30.1	48.8	67.4
2080	34.3	56.7	79.0
2090	38.4	64.7	91.1
2100	40.2	70.6	101.1

RCP8.5			
year	5%	median	95%
2007	-1.0	3.9	8.8
2010	3.2	7.0	10.7
2020	6.4	12.7	18.9
2030	12.6	20.9	29.3
2040	16.6	28.4	40.2
2050	23.4	37.9	52.4
2060	32.1	48.9	65.7
2070	34.9	57.6	80.3
2080	42.7	69.5	96.4
2090	49.9	80.7	111.5
2100	55.0	93.0	131.0

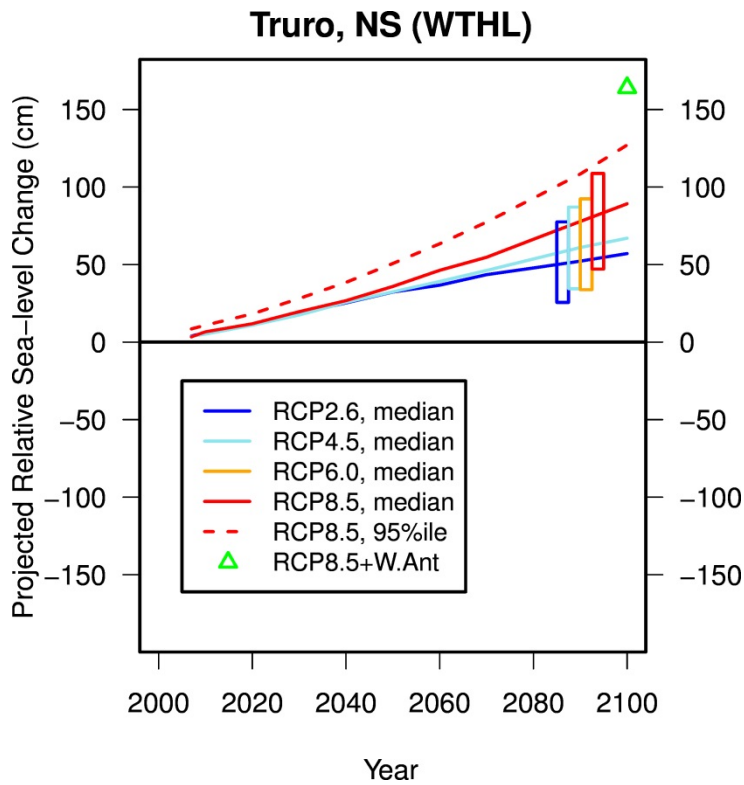
Figure 12. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	29.2	55.7	82.3
RCP4.5	37.8	64.4	91.1
RCP6.0	37.6	67.3	97.1
RCP8.5	50.3	81.3	112.3

RCP8.5+W.Ant at 2100: 168.1 cm

Truro, NS (WTHL)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-1.2	3.9	8.9
2010	1.4	6.1	10.8
2020	7.2	11.4	15.6
2030	12.5	18.4	24.3
2040	15.2	25.3	35.5
2050	18.8	32.3	45.8
2060	19.3	36.7	54.1
2070	22.2	43.5	64.9
2080	25.1	47.8	70.4
2090	26.9	52.2	77.5
2100	27.6	57.1	86.5

RCP4.5			
year	5%	median	95%
2007	-0.5	3.7	7.9
2010	1.4	5.2	8.9
2020	3.8	10.9	18.0
2030	8.0	17.5	27.0
2040	15.5	25.6	35.7
2050	20.8	32.4	44.0
2060	22.8	39.1	55.4
2070	27.9	46.2	64.6
2080	31.3	53.6	75.8
2090	34.6	61.0	87.3
2100	36.9	67.0	97.1

RCP8.5			
year	5%	median	95%
2007	-1.6	3.4	8.5
2010	2.2	6.6	10.9
2020	5.4	11.8	18.2
2030	11.1	19.6	28.1
2040	14.9	26.7	38.5
2050	21.0	35.9	50.7
2060	29.3	46.3	63.4
2070	31.9	54.7	77.4
2080	39.8	66.3	92.8
2090	47.2	77.8	108.4
2100	51.4	89.2	127.1

Figure 13. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

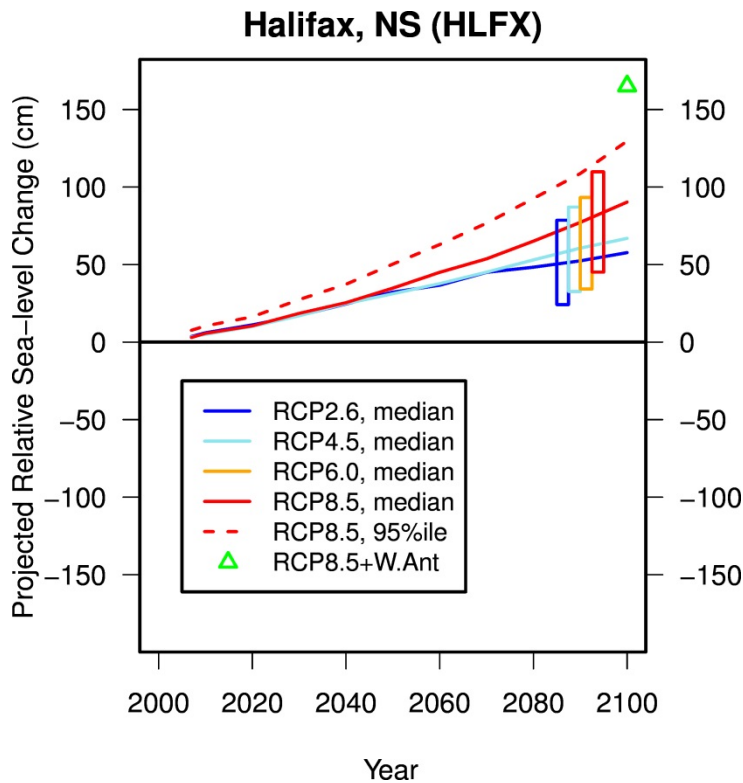
Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	25.6	51.5	77.5
RCP4.5	34.4	60.7	87.1
RCP6.0	33.8	63.1	92.4
RCP8.5	47.1	77.9	108.8

RCP8.5+W.Ant at 2100: 164.1 cm



Halifax, NS (HLFX)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-1.7	3.6	8.9
2010	1.4	6.0	10.6
2020	6.6	11.1	15.5
2030	10.0	17.1	24.2
2040	13.4	24.6	35.8
2050	18.0	32.2	46.5
2060	18.4	36.7	55.1
2070	24.2	45.0	65.8
2080	25.5	48.3	71.0
2090	26.9	52.4	77.9
2100	27.0	57.7	88.4

RCP4.5			
year	5%	median	95%
2007	-0.4	3.4	7.2
2010	0.8	5.0	9.1
2020	2.1	10.1	18.2
2030	6.9	17.0	27.0
2040	13.8	24.8	35.7
2050	19.5	31.2	42.9
2060	21.5	37.7	53.9
2070	25.8	45.1	64.3
2080	30.1	53.0	75.9
2090	33.5	60.6	87.8
2100	35.0	66.9	98.7

RCP8.5			
year	5%	median	95%
2007	-1.7	3.0	7.6
2010	0.8	5.6	10.4
2020	4.5	10.4	16.3
2030	9.6	18.5	27.4
2040	13.4	25.4	37.3
2050	19.4	34.8	50.3
2060	27.0	45.0	62.9
2070	30.7	53.7	76.7
2080	37.5	65.1	92.6
2090	45.7	77.2	108.7
2100	51.0	90.3	129.6

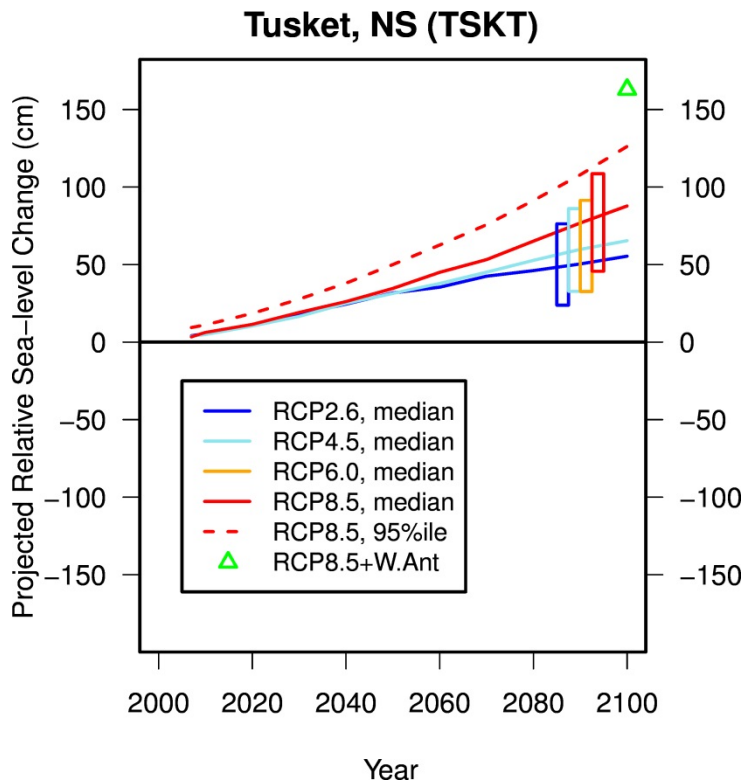
Figure 14. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	24.2	51.4	78.6
RCP4.5	32.6	59.9	87.1
RCP6.0	34.2	63.8	93.3
RCP8.5	45.1	77.4	109.8

RCP8.5+W.Ant at 2100: 165.2 cm

Tusket, NS (TSKT)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-2.2	4.1	10.5
2010	0.9	5.5	10.1
2020	5.9	11.1	16.3
2030	10.9	17.8	24.7
2040	13.9	24.5	35.1
2050	17.5	31.7	45.9
2060	17.1	35.4	53.7
2070	21.1	42.5	63.9
2080	22.5	46.1	69.7
2090	25.0	50.4	75.8
2100	25.6	55.4	85.3

RCP4.5			
year	5%	median	95%
2007	-0.8	3.8	8.3
2010	0.9	4.9	8.8
2020	2.9	10.4	17.9
2030	6.2	16.6	27.0
2040	14.5	24.9	35.3
2050	20.2	31.4	42.6
2060	21.2	37.8	54.4
2070	26.4	45.1	63.7
2080	30.2	52.7	75.3
2090	33.0	59.8	86.5
2100	34.8	65.4	96.0

RCP8.5			
year	5%	median	95%
2007	-2.5	3.4	9.4
2010	1.4	6.2	11.1
2020	4.2	11.4	18.5
2030	10.5	19.1	27.7
2040	14.2	26.1	38.0
2050	19.2	34.6	50.0
2060	27.5	45.0	62.6
2070	30.8	53.2	75.7
2080	39.0	65.1	91.3
2090	45.8	76.8	107.9
2100	49.3	87.8	126.2

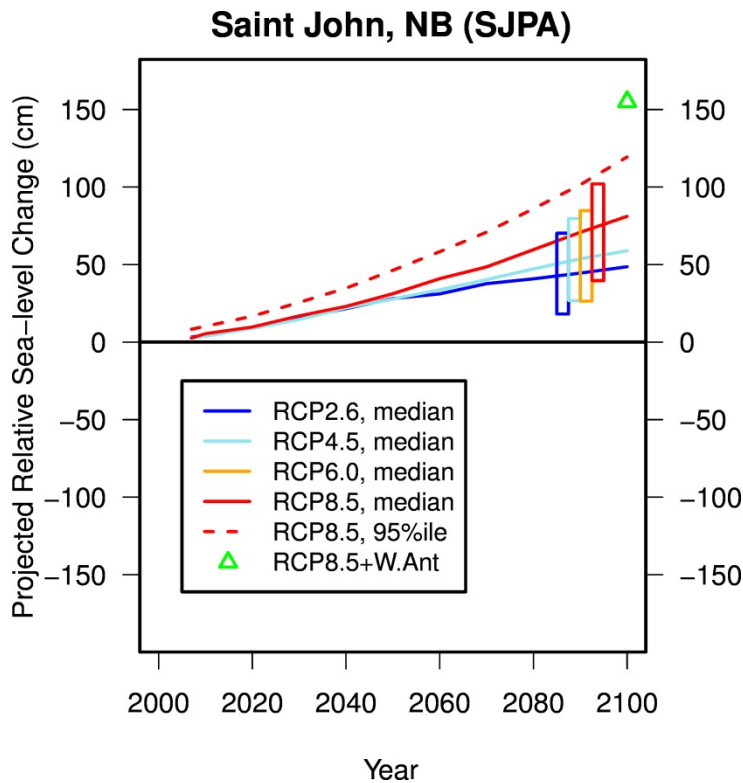
Figure 15. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	23.8	50.0	76.3
RCP4.5	32.7	59.4	86.1
RCP6.0	32.6	62.0	91.4
RCP8.5	45.7	77.1	108.6

RCP8.5+W.Ant at 2100: 162.9 cm

Saint John, NB (SJPA)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.0	3.2	9.4
2010	-0.2	4.6	9.5
2020	4.8	9.4	14.1
2030	9.1	15.5	21.8
2040	11.3	21.6	31.8
2050	14.3	28.1	41.8
2060	13.4	31.1	48.9
2070	16.6	37.7	58.8
2080	17.9	40.8	63.7
2090	19.4	44.5	69.5
2100	19.6	48.6	77.6

RCP4.5			
year	5%	median	95%
2007	-1.5	2.9	7.3
2010	-0.1	3.8	7.7
2020	1.4	8.9	16.3
2030	4.2	14.6	24.9
2040	11.8	22.0	32.2
2050	16.7	27.8	38.9
2060	17.6	33.7	49.9
2070	22.2	40.3	58.4
2080	25.0	47.2	69.4
2090	27.2	53.7	80.2
2100	28.7	58.9	89.1

RCP8.5			
year	5%	median	95%
2007	-3.2	2.6	8.3
2010	0.6	5.4	10.2
2020	2.7	9.7	16.7
2030	8.1	16.9	25.6
2040	11.2	23.0	34.8
2050	16.1	31.2	46.3
2060	23.5	40.9	58.3
2070	26.1	48.5	70.9
2080	33.2	59.6	86.0
2090	40.0	70.8	101.5
2100	42.8	81.1	119.4

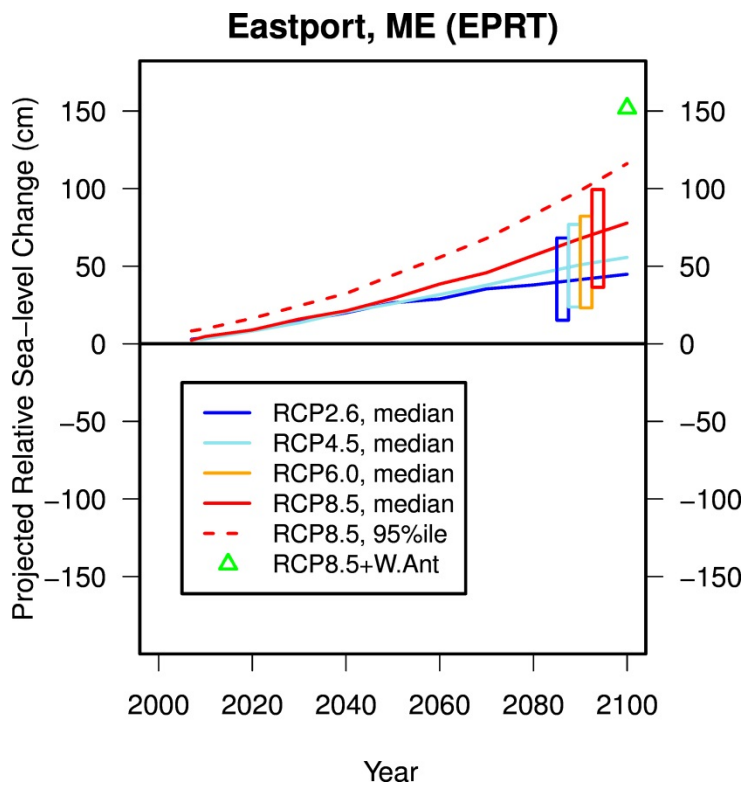
Figure 16. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	18.1	44.2	70.2
RCP4.5	26.8	53.3	79.7
RCP6.0	26.4	55.6	84.8
RCP8.5	39.6	70.8	102.0

RCP8.5+W.Ant at 2100: 155.0 cm

Eastport, ME (EPRT)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.9	2.9	9.6
2010	-0.7	4.0	8.7
2020	4.1	8.8	13.6
2030	7.5	14.4	21.3
2040	9.5	20.0	30.5
2050	12.6	26.4	40.2
2060	10.6	28.9	47.1
2070	14.4	35.4	56.3
2080	14.8	37.9	61.0
2090	16.3	41.4	66.5
2100	16.6	44.8	73.0

RCP4.5			
year	5%	median	95%
2007	-2.0	2.5	7.0
2010	-0.7	3.3	7.3
2020	0.4	8.2	16.0
2030	2.7	13.5	24.3
2040	10.7	20.5	30.3
2050	15.2	25.9	36.6
2060	15.9	31.7	47.5
2070	19.9	37.8	55.7
2080	22.4	44.5	66.5
2090	24.2	50.9	77.6
2100	25.4	55.7	86.0

RCP8.5			
year	5%	median	95%
2007	-3.7	2.3	8.3
2010	-0.3	4.7	9.7
2020	1.4	8.9	16.4
2030	7.3	15.9	24.5
2040	9.9	21.2	32.4
2050	14.3	29.2	44.2
2060	21.2	38.5	55.7
2070	23.8	45.8	67.9
2080	30.5	56.9	83.2
2090	36.8	67.8	98.7
2100	39.4	77.8	116.1

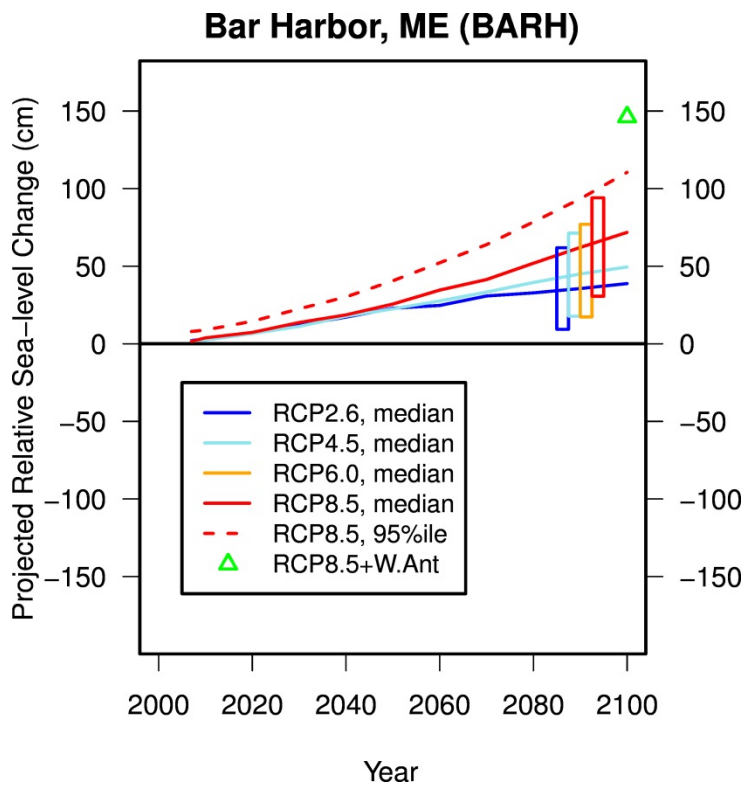
Figure 17. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	15.2	41.7	68.2
RCP4.5	23.7	50.3	76.9
RCP6.0	23.2	52.7	82.2
RCP8.5	36.4	67.9	99.4

RCP8.5+W.Ant at 2100: 151.8 cm

Bar Harbor, ME (BARH)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.0	2.1	9.3
2010	-2.2	3.0	8.1
2020	2.3	7.1	11.9
2030	5.1	12.0	19.0
2040	6.6	17.2	27.7
2050	8.7	22.9	37.1
2060	6.1	24.7	43.2
2070	9.4	30.8	52.1
2080	9.3	32.8	56.3
2090	10.2	35.6	60.9
2100	9.3	38.8	68.3

RCP4.5			
year	5%	median	95%
2007	-2.9	1.8	6.4
2010	-1.8	2.4	6.6
2020	-1.4	6.6	14.6
2030	0.1	11.2	22.3
2040	7.4	17.7	27.9
2050	11.4	22.5	33.6
2060	11.4	27.6	43.8
2070	15.1	33.3	51.5
2080	17.0	39.5	62.1
2090	18.0	45.0	71.9
2100	19.2	49.5	79.7

RCP8.5			
year	5%	median	95%
2007	-4.9	1.5	7.9
2010	-1.3	3.8	8.9
2020	0.0	7.3	14.5
2030	4.9	13.7	22.5
2040	7.1	18.6	30.2
2050	10.6	25.6	40.6
2060	17.1	34.6	52.2
2070	19.0	41.4	63.9
2080	25.3	51.9	78.5
2090	30.9	62.1	93.4
2100	33.1	71.8	110.5

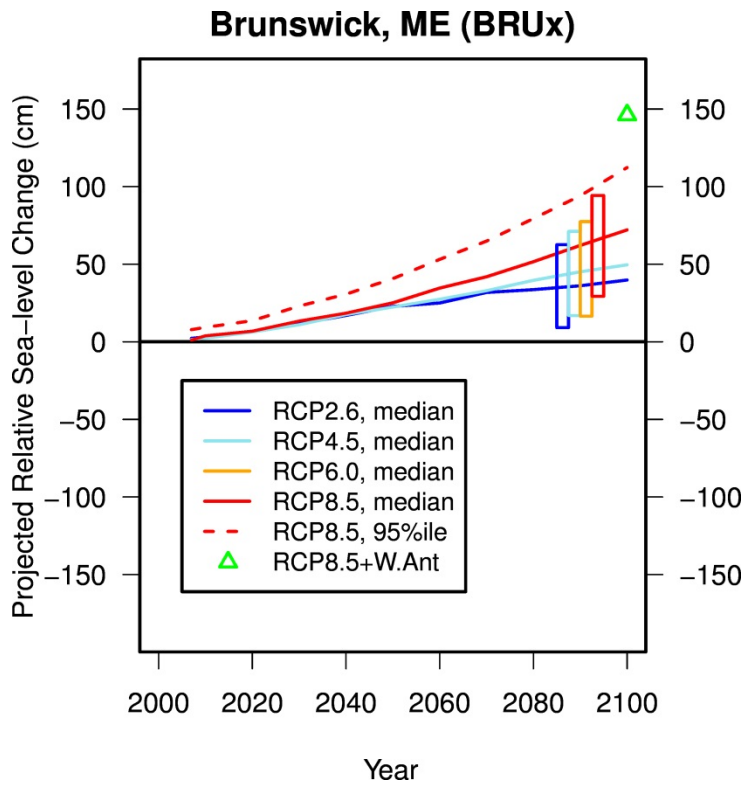
Figure 18. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	9.3	35.6	61.9
RCP4.5	17.8	44.6	71.3
RCP6.0	17.3	47.2	77.0
RCP8.5	30.6	62.3	94.1

RCP8.5+W.Ant at 2100: 146.2 cm

Brunswick, ME (BRUx)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.5	2.2	9.9
2010	-2.9	3.1	9.2
2020	1.9	6.7	11.6
2030	4.3	11.6	18.8
2040	5.7	17.0	28.2
2050	7.7	22.8	38.0
2060	5.7	25.0	44.4
2070	10.0	31.8	53.7
2080	9.5	33.6	57.8
2090	9.9	36.1	62.4
2100	8.6	39.8	71.1

RCP4.5			
year	5%	median	95%
2007	-3.2	1.5	6.3
2010	-2.3	2.4	7.1
2020	-2.1	6.3	14.6
2030	-0.6	11.0	22.6
2040	6.0	17.5	29.0
2050	10.4	22.4	34.4
2060	10.8	27.4	44.1
2070	14.0	32.9	51.9
2080	15.8	39.6	63.5
2090	17.2	45.1	73.0
2100	18.8	49.6	80.4

RCP8.5			
year	5%	median	95%
2007	-5.6	1.1	7.8
2010	-1.7	3.8	9.3
2020	0.0	6.8	13.6
2030	3.6	13.3	23.0
2040	6.0	18.4	30.7
2050	9.6	25.1	40.7
2060	16.0	34.6	53.1
2070	18.9	41.9	64.9
2080	23.7	51.6	79.4
2090	30.1	62.1	94.1
2100	32.0	72.1	112.3

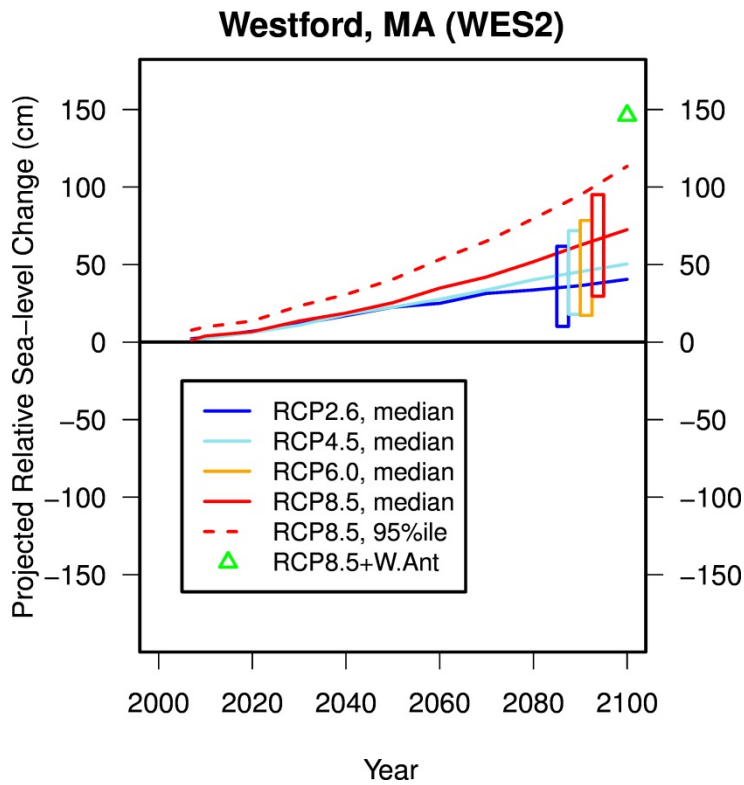
Figure 19. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	9.1	35.9	62.6
RCP4.5	16.9	44.0	71.1
RCP6.0	16.5	46.9	77.4
RCP8.5	29.3	61.8	94.3

RCP8.5+W.Ant at 2100: 146.2 cm

Westford, MA (WES2)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.7	2.2	10.1
2010	-2.9	3.1	9.1
2020	2.3	7.0	11.8
2030	4.4	11.4	18.4
2040	6.9	17.1	27.2
2050	8.0	22.5	37.1
2060	6.6	25.0	43.3
2070	10.1	31.4	52.7
2080	10.5	33.6	56.8
2090	10.6	36.4	62.3
2100	9.2	40.5	71.9

RCP4.5			
year	5%	median	95%
2007	-3.7	1.7	7.1
2010	-1.9	2.5	7.0
2020	-2.0	6.2	14.4
2030	-0.1	10.9	21.9
2040	6.3	17.7	29.2
2050	9.6	22.5	35.5
2060	10.9	27.6	44.2
2070	15.2	33.6	52.1
2080	16.6	40.2	63.8
2090	17.6	45.4	73.2
2100	19.5	50.4	81.2

RCP8.5			
year	5%	median	95%
2007	-5.2	1.3	7.7
2010	-2.0	3.9	9.8
2020	-0.1	6.7	13.6
2030	3.9	13.6	23.3
2040	6.7	18.7	30.7
2050	10.2	25.4	40.5
2060	16.3	34.8	53.3
2070	18.8	42.0	65.1
2080	24.0	51.8	79.6
2090	30.2	62.5	94.8
2100	31.7	72.5	113.4

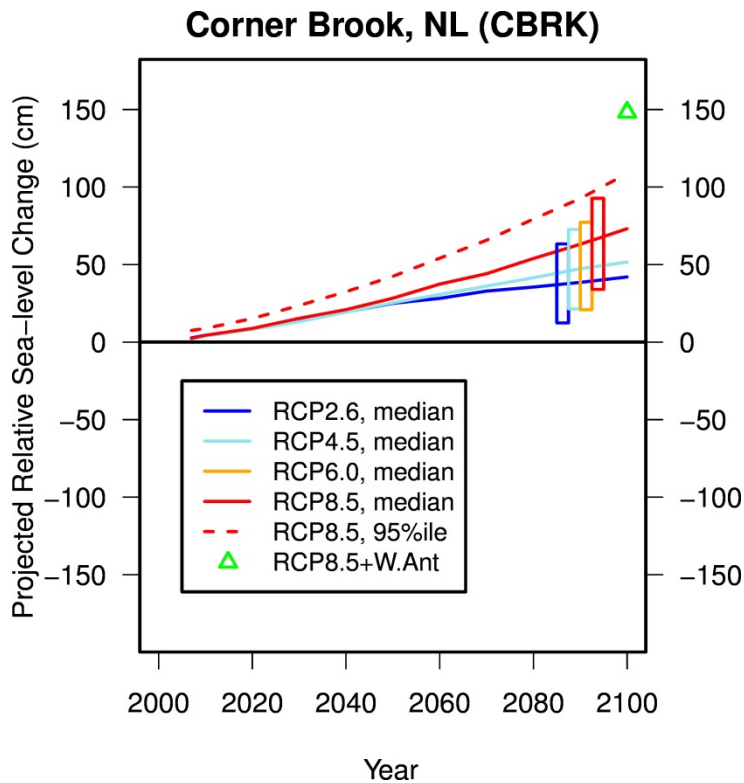
Figure 20. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	10.1	35.9	61.8
RCP4.5	17.9	44.9	71.9
RCP6.0	17.2	47.8	78.4
RCP8.5	29.6	62.3	95.1

RCP8.5+W.Ant at 2100: 146.2 cm

Corner Brook, NL (CBRK)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-2.0	2.7	7.4
2010	0.4	4.4	8.5
2020	4.2	8.5	12.8
2030	7.8	14.1	20.4
2040	9.5	19.4	29.3
2050	11.2	25.0	38.9
2060	10.8	28.2	45.5
2070	12.2	32.9	53.5
2080	12.8	35.5	58.2
2090	14.0	38.5	63.1
2100	13.1	42.0	71.0

RCP4.5			
year	5%	median	95%
2007	-1.7	2.3	6.4
2010	0.2	3.8	7.3
2020	1.2	8.2	15.3
2030	4.3	13.2	22.2
2040	9.8	19.3	28.8
2050	13.8	25.3	36.8
2060	14.7	30.7	46.7
2070	17.7	36.1	54.5
2080	19.8	41.5	63.3
2090	21.9	47.3	72.7
2100	22.6	51.6	80.6

RCP8.5			
year	5%	median	95%
2007	-2.9	2.3	7.5
2010	0.1	4.4	8.8
2020	2.3	8.8	15.2
2030	7.0	15.3	23.6
2040	9.3	20.9	32.5
2050	14.3	28.3	42.4
2060	20.8	37.4	54.1
2070	22.5	44.1	65.7
2080	28.4	53.9	79.3
2090	33.5	63.1	92.6
2100	37.5	73.1	108.7

Figure 21. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

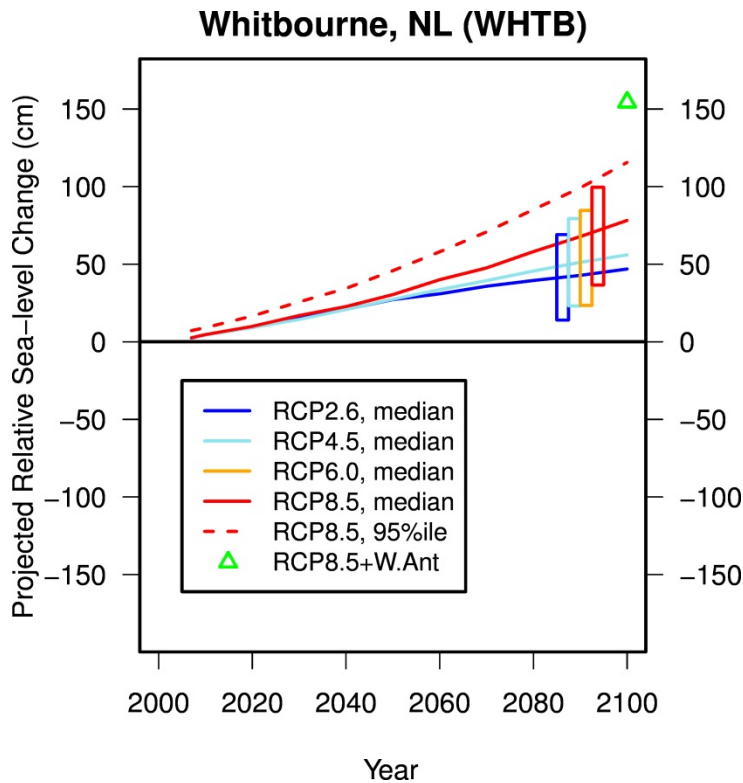
Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	12.4	37.8	63.3
RCP4.5	21.4	47.0	72.7
RCP6.0	20.9	49.1	77.3
RCP8.5	34.0	63.3	92.7

RCP8.5+W.Ant at 2100: 148.2 cm



Whitbourne, NL (WHTB)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-1.8	2.5	6.8
2010	0.1	4.6	9.1
2020	3.7	9.2	14.7
2030	7.7	15.3	23.0
2040	9.1	20.9	32.7
2050	12.1	27.2	42.4
2060	11.6	30.9	50.3
2070	13.4	35.8	58.2
2080	14.5	39.5	64.5
2090	15.2	42.8	70.4
2100	14.6	46.9	79.1

RCP4.5			
year	5%	median	95%
2007	-1.4	2.7	6.8
2010	-0.2	4.3	8.8
2020	1.9	9.2	16.5
2030	5.0	14.4	23.9
2040	9.5	20.8	32.2
2050	13.2	27.4	41.6
2060	16.2	33.6	51.1
2070	18.5	39.4	60.3
2080	21.1	45.6	70.1
2090	22.9	51.2	79.4
2100	24.1	56.0	87.8

RCP8.5			
year	5%	median	95%
2007	-2.1	2.6	7.2
2010	0.1	4.6	9.1
2020	3.2	9.9	16.6
2030	8.0	16.9	25.7
2040	10.9	22.7	34.4
2050	15.1	30.4	45.8
2060	22.0	40.0	58.0
2070	24.4	47.6	70.8
2080	31.0	58.1	85.2
2090	36.3	67.8	99.2
2100	40.7	78.2	115.6

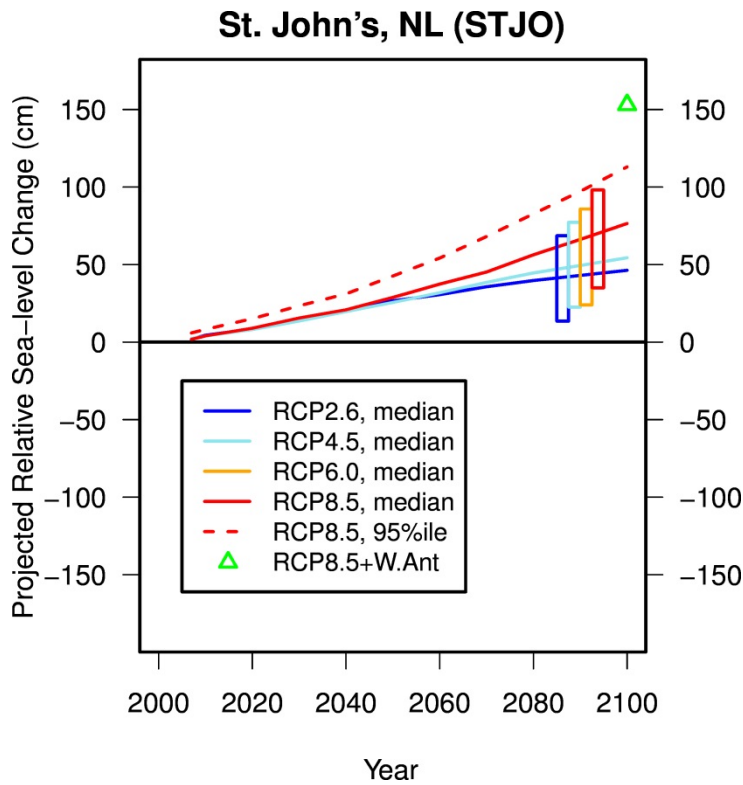
Figure 22. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	14.0	41.5	69.1
RCP4.5	23.1	51.3	79.4
RCP6.0	23.4	54.0	84.6
RCP8.5	36.6	68.1	99.6

RCP8.5+W.Ant at 2100: 154.4 cm

St. John's, NL (STJO)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-2.2	2.0	6.3
2010	0.1	4.4	8.8
2020	3.8	8.5	13.2
2030	7.8	14.2	20.6
2040	8.3	20.0	31.6
2050	11.8	26.6	41.4
2060	11.5	30.6	49.6
2070	13.4	35.7	58.0
2080	16.0	39.7	63.4
2090	16.4	43.0	69.7
2100	15.4	46.3	77.1

RCP4.5			
year	5%	median	95%
2007	-1.9	2.3	6.4
2010	-0.1	4.0	8.1
2020	1.9	8.1	14.3
2030	4.9	13.6	22.3
2040	8.9	19.7	30.4
2050	12.6	25.6	38.7
2060	16.1	31.8	47.5
2070	18.7	38.5	58.3
2080	21.5	44.6	67.7
2090	22.0	49.4	76.7
2100	24.3	54.4	84.6

RCP8.5			
year	5%	median	95%
2007	-2.4	1.8	5.9
2010	-0.2	4.0	8.2
2020	2.7	8.9	15.1
2030	7.6	15.5	23.4
2040	10.5	20.8	31.1
2050	15.0	28.8	42.6
2060	20.6	37.4	54.2
2070	22.3	45.2	68.1
2080	29.9	56.3	82.7
2090	35.1	66.2	97.2
2100	40.0	76.5	113.0

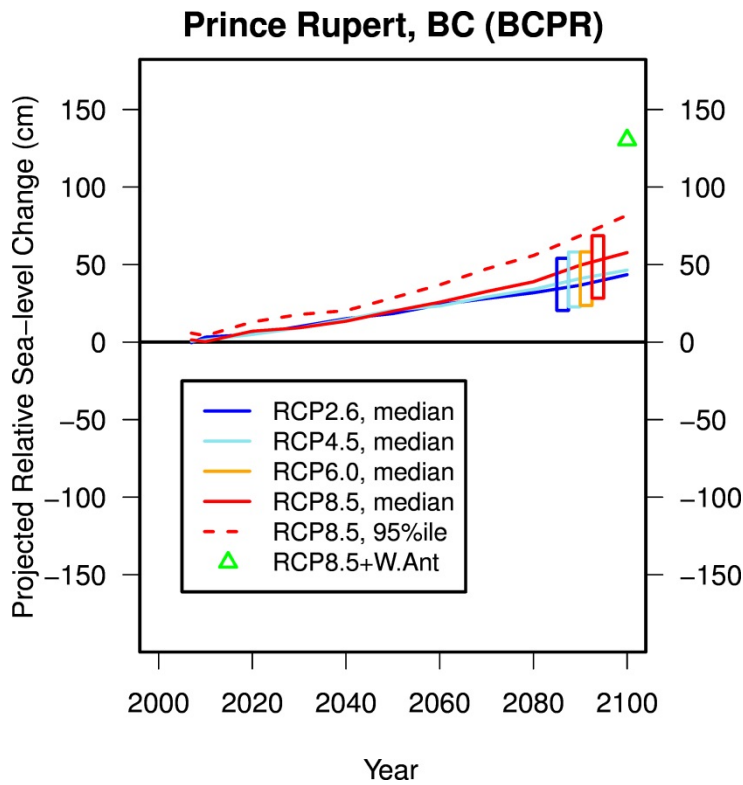
Figure 23. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	13.5	41.1	68.6
RCP4.5	22.5	49.9	77.3
RCP6.0	24.0	54.9	85.8
RCP8.5	35.0	66.5	98.1

RCP8.5+W.Ant at 2100: 153.0 cm

Prince Rupert, BC (BCPR)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.3	-0.4	2.6
2010	-1.8	3.2	8.3
2020	0.8	5.0	9.2
2030	4.5	10.0	15.4
2040	8.6	15.1	21.6
2050	10.6	18.4	26.3
2060	14.0	24.1	34.1
2070	15.5	28.1	40.7
2080	17.2	31.8	46.4
2090	19.8	36.7	53.6
2100	23.1	43.5	63.9

RCP4.5			
year	5%	median	95%
2007	-2.5	0.5	3.5
2010	-2.7	1.5	5.8
2020	0.3	4.9	9.6
2030	4.3	9.2	14.1
2040	6.8	14.6	22.5
2050	12.8	20.5	28.2
2060	12.7	23.3	34.0
2070	15.7	29.1	42.6
2080	18.7	34.0	49.3
2090	22.5	41.0	59.5
2100	25.3	46.4	67.5

RCP8.5			
year	5%	median	95%
2007	-3.1	1.4	5.8
2010	-3.5	0.3	4.1
2020	1.1	7.0	13.0
2030	0.6	9.2	17.8
2040	6.8	13.5	20.3
2050	11.2	19.9	28.5
2060	14.5	25.7	36.9
2070	18.1	32.6	47.2
2080	22.0	38.9	55.8
2090	30.7	49.6	68.6
2100	33.5	57.7	81.8

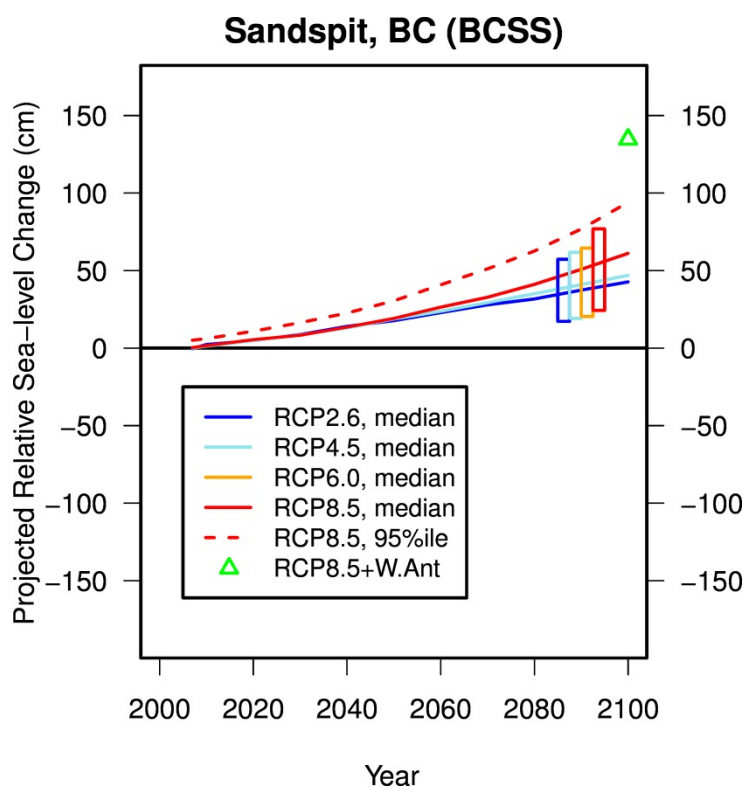
Figure 24. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	20.4	37.2	54.0
RCP4.5	22.7	40.4	58.1
RCP6.0	23.6	40.9	58.2
RCP8.5	28.3	48.4	68.6

RCP8.5+W.Ant at 2100: 130.4 cm

Sandspit, BC (BCSS)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.7	-0.4	2.9
2010	-1.3	2.3	5.9
2020	-0.6	4.8	10.1
2030	2.1	8.7	15.2
2040	4.6	14.0	23.5
2050	8.1	17.7	27.3
2060	10.4	22.9	35.4
2070	14.0	27.9	41.8
2080	13.8	31.7	49.7
2090	17.6	37.4	57.1
2100	19.4	42.7	65.9

RCP4.5			
year	5%	median	95%
2007	-3.1	-0.1	2.9
2010	-2.7	1.2	5.2
2020	0.5	4.8	9.1
2030	2.2	8.5	14.9
2040	4.4	13.0	21.7
2050	9.2	18.7	28.1
2060	10.6	23.7	36.9
2070	14.5	29.3	44.1
2080	16.7	35.1	53.5
2090	19.2	40.9	62.6
2100	22.0	46.9	71.8

RCP8.5			
year	5%	median	95%
2007	-4.6	0.3	5.1
2010	-3.0	1.6	6.1
2020	-0.1	5.4	10.9
2030	0.3	8.3	16.4
2040	4.4	13.5	22.6
2050	7.7	19.1	30.5
2060	12.0	26.4	40.8
2070	14.6	32.8	51.1
2080	19.5	41.1	62.6
2090	24.7	50.8	76.8
2100	28.1	61.1	94.0

Figure 25. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

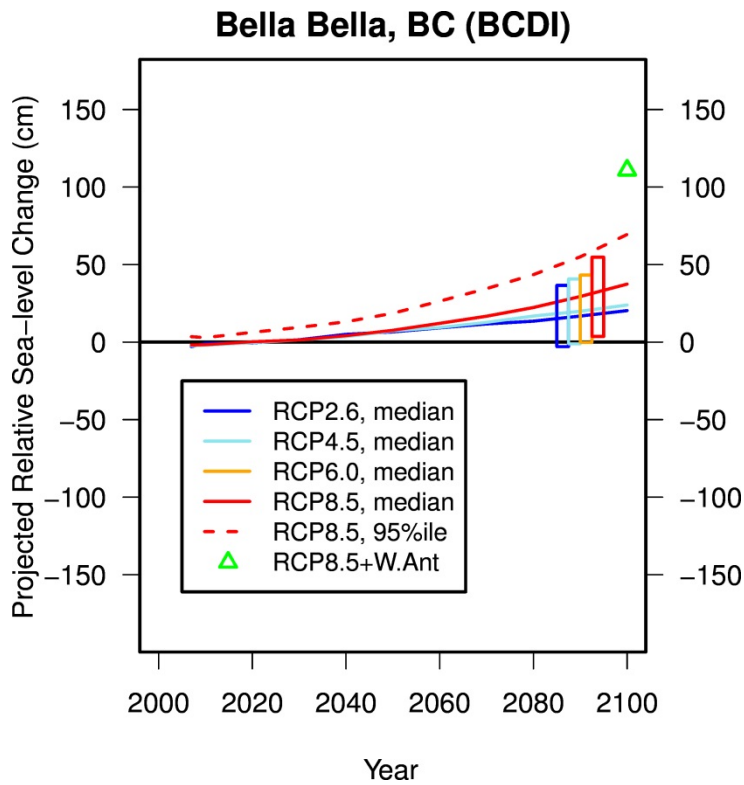
Average Projected Sea-level Change, 2081-2100

scenario	5%	median	95%
RCP2.6	17.2	37.2	57.3
RCP4.5	19.1	40.5	61.8
RCP6.0	20.4	42.5	64.5
RCP8.5	24.3	50.6	76.9

RCP8.5+W.Ant at 2100: 134.6 cm

Bella Bella, BC (BCDI)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-6.1	-2.9	0.3
2010	-5.2	-0.9	3.5
2020	-5.8	-0.5	4.8
2030	-4.9	1.5	7.9
2040	-4.6	5.0	14.6
2050	-2.9	6.6	16.1
2060	-3.1	9.2	21.4
2070	-2.0	11.7	25.4
2080	-4.1	13.5	31.0
2090	-3.4	16.8	37.1
2100	-2.9	20.3	43.6

RCP4.5			
year	5%	median	95%
2007	-5.7	-2.4	0.9
2010	-6.0	-2.0	1.9
2020	-5.1	-0.4	4.3
2030	-4.5	1.4	7.4
2040	-5.1	3.5	12.1
2050	-2.2	7.2	16.5
2060	-3.5	9.4	22.4
2070	-1.7	12.7	27.0
2080	-1.4	16.8	35.0
2090	-1.0	19.9	40.9
2100	-0.6	23.9	48.5

RCP8.5			
year	5%	median	95%
2007	-7.4	-1.9	3.5
2010	-6.2	-1.7	2.9
2020	-5.8	0.2	6.3
2030	-6.7	1.4	9.5
2040	-4.8	4.1	13.1
2050	-3.3	7.6	18.6
2060	-2.2	12.1	26.4
2070	-1.0	16.7	34.5
2080	1.1	22.3	43.5
2090	3.9	29.4	55.0
2100	5.4	37.4	69.4

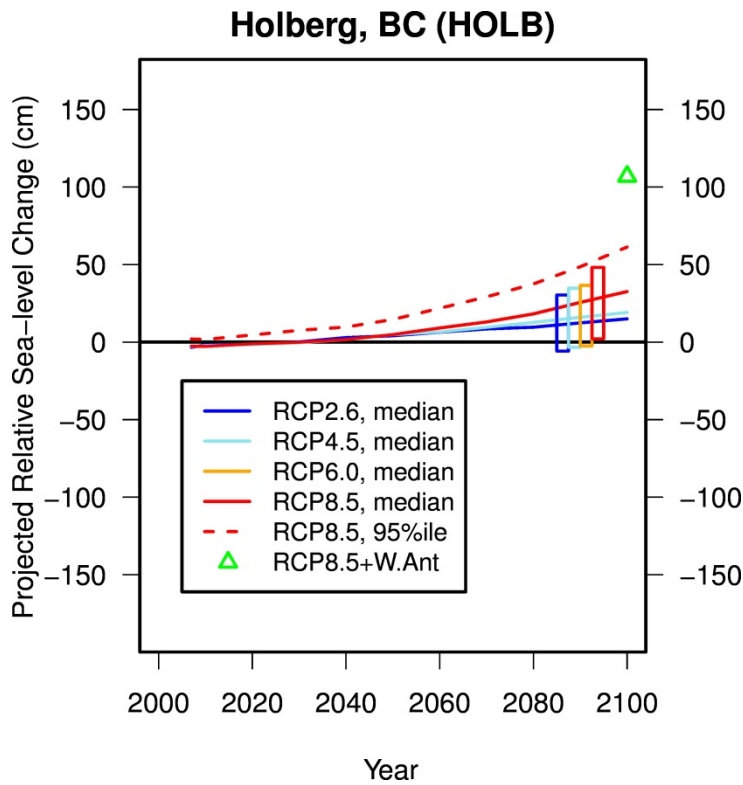
Figure 26. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-2.9	16.8	36.6
RCP4.5	-1.1	19.8	40.7
RCP6.0	-0.2	21.5	43.2
RCP8.5	3.6	29.2	54.8

RCP8.5+W.Ant at 2100: 110.9 cm

Holberg, BC (HOLB)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-6.3	-3.4	-0.5
2010	-6.2	-1.7	2.7
2020	-6.4	-1.4	3.7
2030	-5.8	0.1	6.1
2040	-5.3	2.9	11.0
2050	-4.4	4.1	12.6
2060	-4.8	6.4	17.6
2070	-4.8	8.5	21.8
2080	-6.3	9.6	25.5
2090	-6.4	12.4	31.2
2100	-6.5	15.0	36.6

RCP4.5			
year	5%	median	95%
2007	-6.4	-2.9	0.5
2010	-6.0	-2.2	1.6
2020	-6.1	-1.7	2.8
2030	-6.1	-0.4	5.2
2040	-6.6	1.6	9.8
2050	-3.7	4.8	13.3
2060	-5.0	6.5	18.1
2070	-3.8	9.5	22.7
2080	-4.0	12.7	29.4
2090	-3.1	16.0	35.2
2100	-3.6	19.1	41.9

RCP8.5			
year	5%	median	95%
2007	-7.3	-2.6	2.0
2010	-7.0	-2.7	1.7
2020	-6.7	-1.1	4.6
2030	-7.8	-0.1	7.6
2040	-6.4	1.7	9.7
2050	-5.0	4.8	14.6
2060	-3.6	9.1	21.8
2070	-3.1	13.0	29.2
2080	-1.1	18.2	37.5
2090	2.6	25.6	48.6
2100	3.9	32.6	61.3

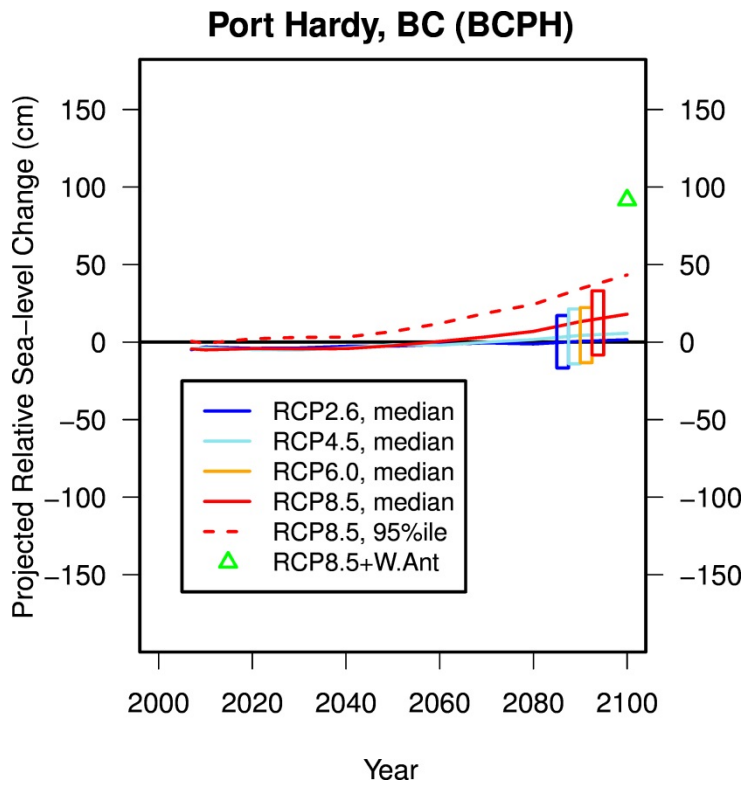
Figure 27. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-5.8	12.3	30.4
RCP4.5	-3.4	15.7	34.8
RCP6.0	-2.5	17.0	36.6
RCP8.5	2.1	25.1	48.2

RCP8.5+W.Ant at 2100: 106.9 cm

Port Hardy, BC (BCPH)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-7.7	-4.9	-2.2
2010	-8.1	-3.2	1.8
2020	-9.1	-4.0	1.1
2030	-9.3	-3.8	1.7
2040	-9.8	-2.7	4.5
2050	-10.7	-2.6	5.5
2060	-11.9	-1.5	8.9
2070	-13.9	-0.5	13.0
2080	-16.0	-1.2	13.5
2090	-17.3	0.5	18.4
2100	-19.0	1.5	22.1

RCP4.5			
year	5%	median	95%
2007	-8.0	-4.3	-0.6
2010	-7.0	-3.7	-0.3
2020	-9.2	-4.8	-0.5
2030	-9.9	-5.1	-0.2
2040	-11.9	-3.7	4.5
2050	-9.9	-1.6	6.7
2060	-12.7	-2.0	8.7
2070	-12.6	0.0	12.6
2080	-14.2	1.6	17.3
2090	-13.3	4.3	21.9
2100	-15.7	5.7	27.2

RCP8.5			
year	5%	median	95%
2007	-9.3	-4.4	0.5
2010	-9.3	-5.0	-0.8
2020	-10.4	-4.2	2.1
2030	-11.9	-4.4	3.1
2040	-11.5	-4.2	3.2
2050	-11.4	-2.3	6.8
2060	-11.2	0.4	12.0
2070	-11.9	3.4	18.7
2080	-10.6	6.9	24.3
2090	-7.9	13.2	34.4
2100	-7.2	18.0	43.3

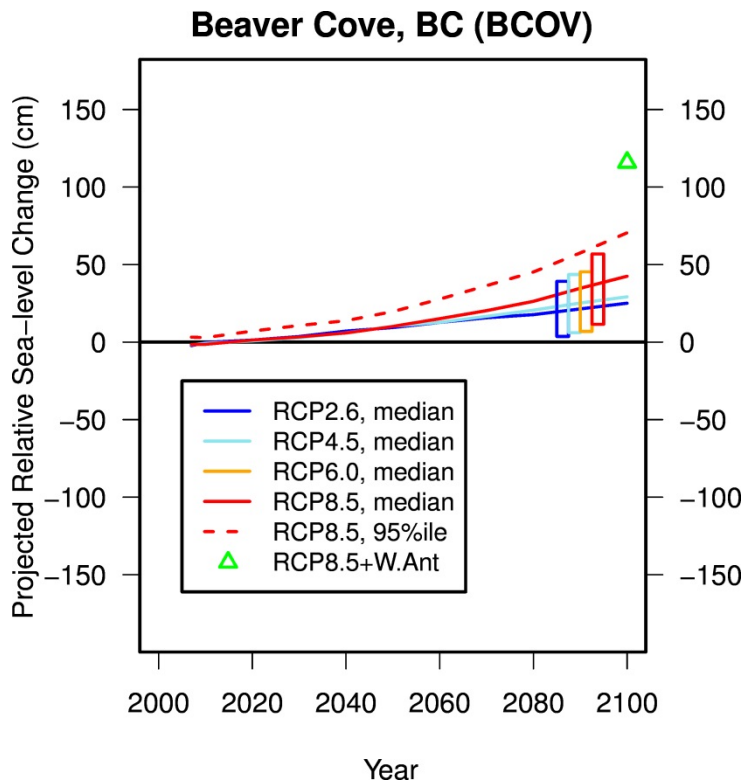
Figure 28. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-16.7	0.2	17.1
RCP4.5	-14.0	3.7	21.4
RCP6.0	-13.3	4.5	22.3
RCP8.5	-8.3	12.4	33.1

RCP8.5+W.Ant at 2100: 91.6 cm

Beaver Cove, BC (BCOV)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.2	-2.3	0.6
2010	-4.7	-0.2	4.4
2020	-3.8	1.3	6.3
2030	-2.2	3.6	9.5
2040	-0.8	7.1	15.0
2050	1.0	9.4	17.8
2060	1.8	12.7	23.7
2070	2.3	15.7	29.0
2080	2.1	17.7	33.2
2090	2.9	21.4	40.0
2100	3.7	25.1	46.5

RCP4.5			
year	5%	median	95%
2007	-5.3	-1.8	1.7
2010	-4.3	-0.7	2.9
2020	-3.7	0.7	5.1
2030	-2.7	2.8	8.3
2040	-2.2	6.0	14.3
2050	1.7	10.2	18.7
2060	1.3	12.7	24.1
2070	3.4	16.6	29.8
2080	4.1	20.6	37.1
2090	6.4	25.2	43.9
2100	6.8	29.2	51.6

RCP8.5			
year	5%	median	95%
2007	-6.3	-1.6	3.2
2010	-5.8	-1.4	2.9
2020	-4.5	1.3	7.1
2030	-4.1	3.3	10.7
2040	-2.0	5.9	13.8
2050	0.5	10.1	19.7
2060	2.5	15.1	27.7
2070	4.3	20.3	36.4
2080	7.4	26.3	45.2
2090	11.9	34.7	57.5
2100	14.4	42.5	70.5

Figure 29. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

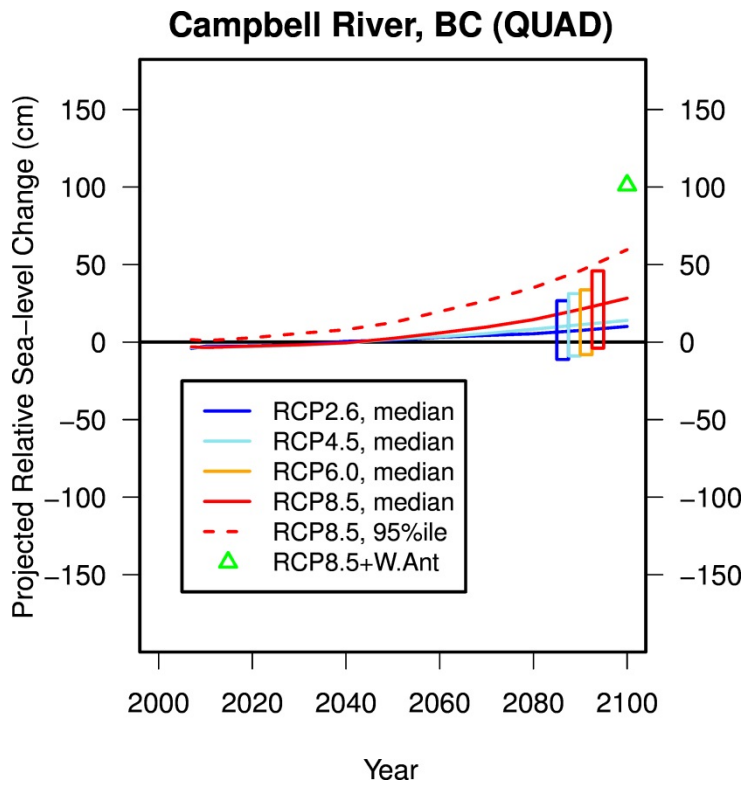
Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	3.6	21.4	39.2
RCP4.5	6.1	24.8	43.6
RCP6.0	6.9	26.1	45.3
RCP8.5	11.5	34.2	56.8

RCP8.5+W.Ant at 2100: 115.9 cm



Campbell River, BC (QUAD)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-7.0	-4.1	-1.1
2010	-7.0	-2.7	1.6
2020	-7.6	-2.5	2.6
2030	-8.0	-1.7	4.6
2040	-8.3	0.5	9.3
2050	-7.7	1.2	10.2
2060	-8.5	3.2	14.9
2070	-9.1	4.3	17.7
2080	-11.2	5.4	22.1
2090	-12.1	7.5	27.2
2100	-12.5	10.1	32.8

RCP4.5			
year	5%	median	95%
2007	-6.9	-3.7	-0.4
2010	-7.2	-3.2	0.7
2020	-7.6	-3.0	1.6
2030	-8.5	-2.1	4.2
2040	-9.0	-0.7	7.7
2050	-7.0	1.9	10.7
2060	-8.9	3.4	15.8
2070	-8.5	5.5	19.6
2080	-9.2	8.3	25.8
2090	-9.0	11.2	31.4
2100	-9.7	14.0	37.7

RCP8.5			
year	5%	median	95%
2007	-7.8	-3.1	1.6
2010	-7.9	-3.5	0.9
2020	-8.0	-2.6	2.8
2030	-9.3	-1.8	5.6
2040	-9.1	-0.5	8.0
2050	-7.8	2.4	12.6
2060	-8.0	5.9	19.7
2070	-7.2	9.7	26.7
2080	-6.1	14.5	35.1
2090	-3.7	21.1	46.0
2100	-2.9	28.3	59.6

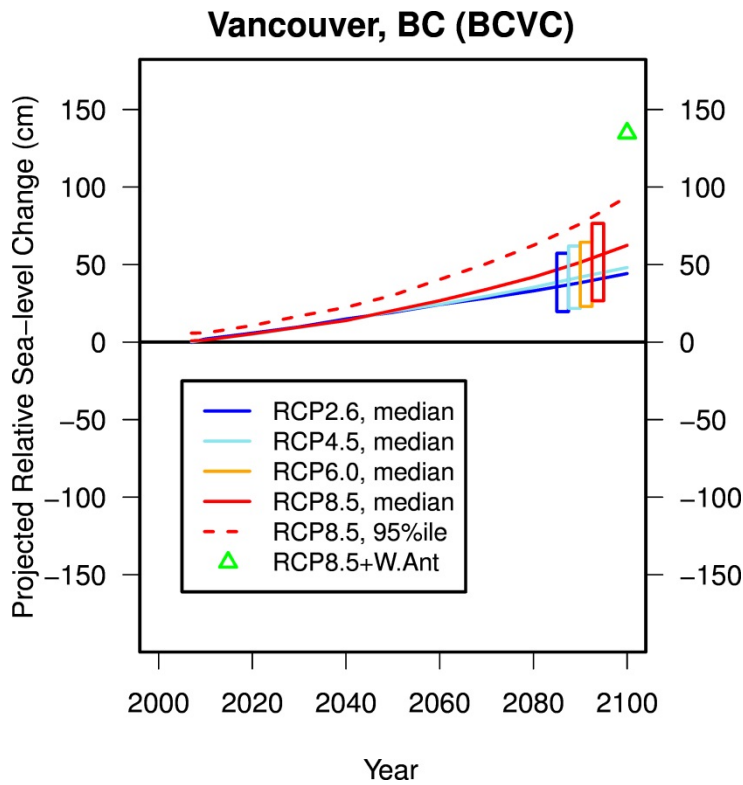
Figure 30. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-11.2	7.7	26.7
RCP4.5	-9.0	11.1	31.3
RCP6.0	-8.1	12.8	33.7
RCP8.5	-3.9	21.0	45.9

RCP8.5+W.Ant at 2100: 101.2 cm

Vancouver, BC (BCVC)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.0	-0.2	2.5
2010	-2.7	2.0	6.7
2020	0.8	5.8	10.7
2030	3.7	9.8	15.8
2040	6.0	14.9	23.8
2050	10.1	19.2	28.2
2060	12.5	24.2	35.9
2070	15.5	28.4	41.3
2080	16.8	33.0	49.3
2090	18.8	38.3	57.8
2100	21.7	44.2	66.7

RCP4.5			
year	5%	median	95%
2007	-3.2	0.2	3.5
2010	-2.7	1.4	5.6
2020	0.4	5.0	9.7
2030	2.7	9.4	16.1
2040	5.6	14.0	22.4
2050	11.0	19.7	28.3
2060	12.2	24.3	36.4
2070	15.5	29.6	43.7
2080	18.0	35.3	52.6
2090	21.8	41.9	61.9
2100	24.4	48.1	71.7

RCP8.5			
year	5%	median	95%
2007	-4.2	0.8	5.8
2010	-3.4	1.3	5.9
2020	0.0	5.3	10.7
2030	2.4	9.6	16.8
2040	5.5	13.9	22.4
2050	10.4	20.3	30.2
2060	12.9	26.7	40.4
2070	17.4	34.0	50.6
2080	21.4	41.9	62.4
2090	26.7	51.4	76.2
2100	31.1	62.4	93.7

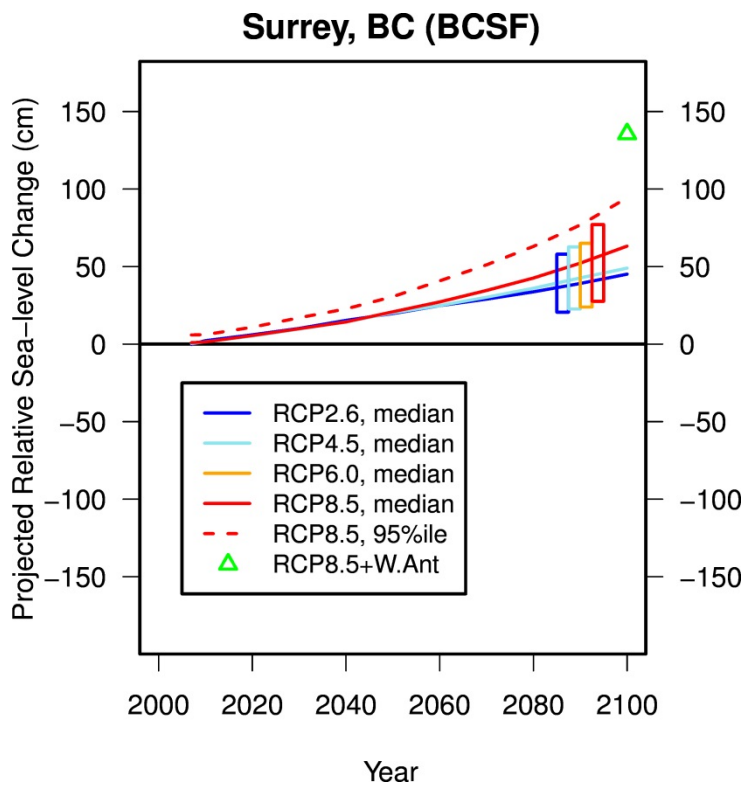
Figure 31. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	19.7	38.5	57.3
RCP4.5	21.7	41.9	62.0
RCP6.0	23.0	43.7	64.4
RCP8.5	26.7	51.6	76.5

RCP8.5+W.Ant at 2100: 134.8 cm

Surrey, BC (BCSF)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-2.9	-0.2	2.6
2010	-2.6	2.2	6.9
2020	1.1	6.0	10.9
2030	4.1	10.1	16.1
2040	6.4	15.3	24.1
2050	10.7	19.7	28.7
2060	13.1	24.8	36.4
2070	16.2	29.0	41.9
2080	17.6	33.7	49.9
2090	19.7	39.1	58.5
2100	22.7	45.1	67.5

RCP4.5			
year	5%	median	95%
2007	-3.2	0.3	3.7
2010	-2.6	1.5	5.7
2020	0.6	5.2	9.9
2030	3.0	9.7	16.4
2040	6.0	14.4	22.7
2050	11.5	20.1	28.7
2060	12.8	24.8	36.9
2070	16.2	30.2	44.2
2080	18.8	36.0	53.2
2090	22.8	42.7	62.6
2100	25.4	49.0	72.5

RCP8.5			
year	5%	median	95%
2007	-4.1	0.9	5.9
2010	-3.3	1.4	6.1
2020	0.2	5.5	10.9
2030	2.7	9.9	17.0
2040	6.0	14.3	22.7
2050	10.9	20.8	30.6
2060	13.5	27.2	40.8
2070	18.1	34.6	51.1
2080	22.2	42.6	63.0
2090	27.5	52.2	76.8
2100	32.1	63.2	94.3

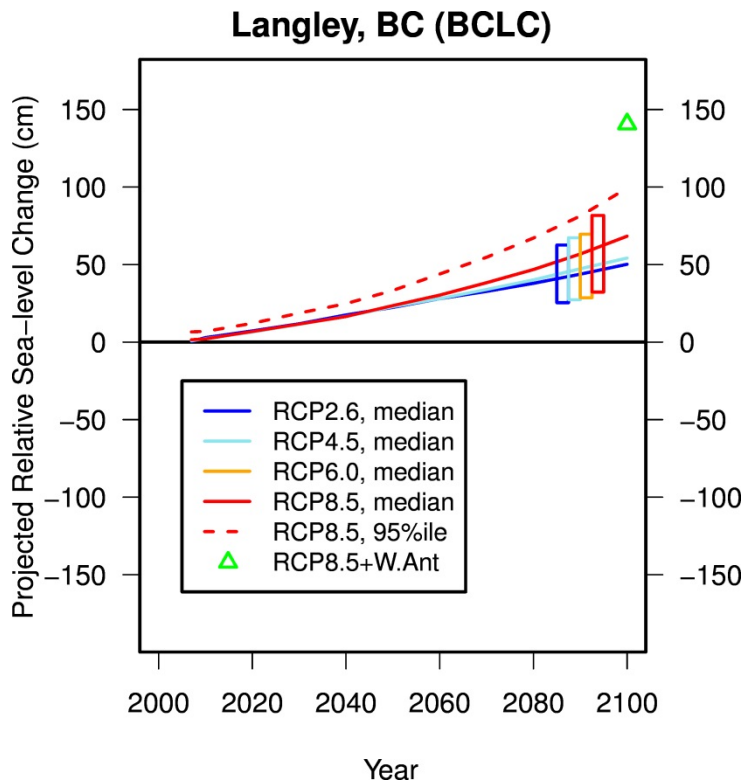
Figure 32. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	20.6	39.3	58.0
RCP4.5	22.6	42.7	62.7
RCP6.0	23.9	44.5	65.0
RCP8.5	27.6	52.4	77.1

RCP8.5+W.Ant at 2100: 135.6 cm

Langley, BC (BCLC)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-2.3	0.4	3.2
2010	-1.9	2.9	7.7
2020	2.3	7.2	12.1
2030	5.9	11.8	17.8
2040	8.7	17.5	26.3
2050	13.4	22.4	31.4
2060	16.4	28.0	39.6
2070	19.9	32.7	45.5
2080	21.9	37.9	53.9
2090	24.5	43.8	63.1
2100	27.9	50.2	72.5

RCP4.5			
year	5%	median	95%
2007	-2.6	0.8	4.3
2010	-1.9	2.3	6.5
2020	1.8	6.5	11.1
2030	4.7	11.5	18.2
2040	8.2	16.6	25.0
2050	14.3	22.8	31.4
2060	16.1	28.0	40.0
2070	19.9	33.9	47.9
2080	23.0	40.1	57.3
2090	27.5	47.3	67.2
2100	30.7	54.2	77.6

RCP8.5			
year	5%	median	95%
2007	-3.6	1.5	6.6
2010	-2.7	2.1	6.9
2020	1.4	6.8	12.1
2030	4.4	11.6	18.7
2040	8.2	16.5	24.8
2050	13.7	23.5	33.3
2060	16.8	30.3	43.9
2070	21.9	38.3	54.7
2080	26.5	46.8	67.1
2090	32.3	56.8	81.3
2100	37.4	68.3	99.3

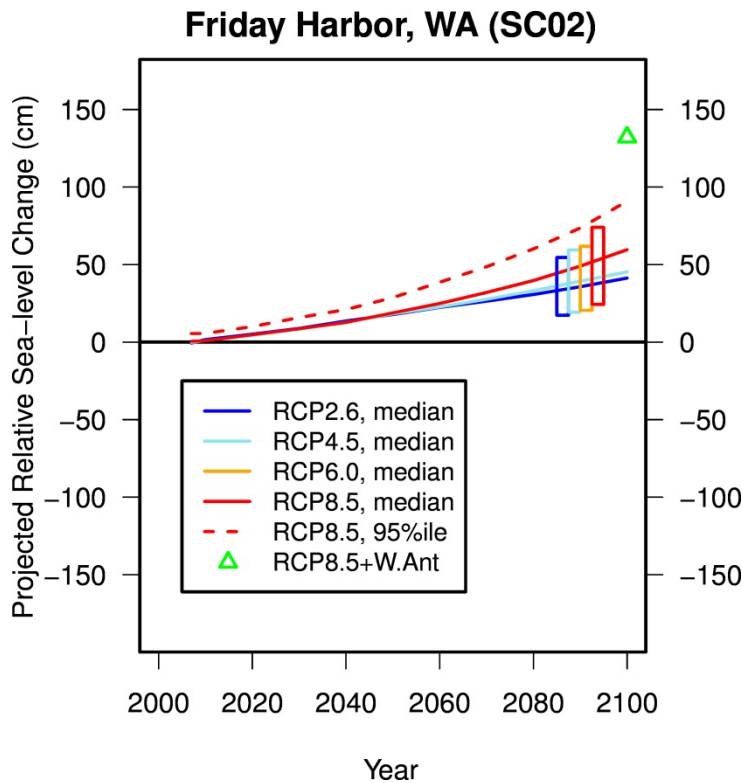
Figure 33. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	25.4	44.0	62.6
RCP4.5	27.3	47.3	67.3
RCP6.0	28.6	49.1	69.6
RCP8.5	32.3	57.0	81.7

RCP8.5+W.Ant at 2100: 140.6 cm

Friday Harbor, WA (SC02)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.3	-0.6	2.2
2010	-3.2	1.6	6.3
2020	0.2	5.1	9.9
2030	2.8	8.8	14.8
2040	4.8	13.6	22.5
2050	8.7	17.8	26.8
2060	10.7	22.4	34.1
2070	13.5	26.4	39.3
2080	14.6	30.7	46.8
2090	16.3	35.7	55.1
2100	18.9	41.3	63.7

RCP4.5			
year	5%	median	95%
2007	-3.6	-0.2	3.2
2010	-3.2	1.0	5.2
2020	-0.3	4.4	9.0
2030	1.7	8.4	15.2
2040	4.4	12.8	21.1
2050	9.6	18.2	26.7
2060	10.6	22.6	34.6
2070	13.5	27.6	41.6
2080	15.9	33.1	50.3
2090	19.4	39.3	59.3
2100	21.8	45.3	68.8

RCP8.5			
year	5%	median	95%
2007	-4.4	0.5	5.5
2010	-3.8	0.9	5.6
2020	-0.6	4.7	10.0
2030	1.5	8.6	15.8
2040	4.4	12.7	21.0
2050	9.0	18.8	28.7
2060	11.3	24.9	38.6
2070	15.5	32.0	48.6
2080	19.3	39.7	60.1
2090	24.3	49.0	73.6
2100	28.5	59.6	90.8

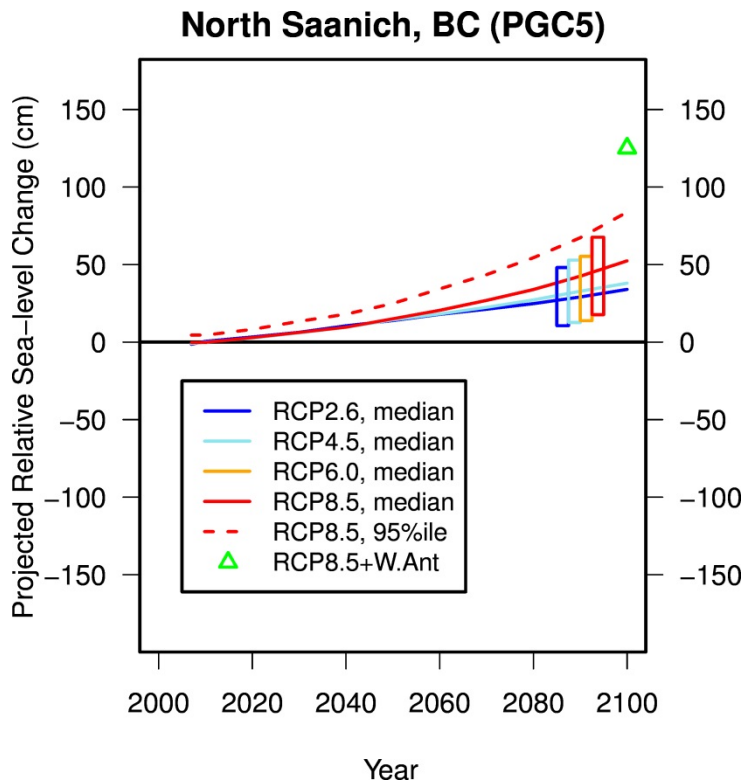
Figure 34. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	17.3	35.9	54.6
RCP4.5	19.3	39.3	59.4
RCP6.0	20.5	41.2	61.8
RCP8.5	24.3	49.2	74.0

RCP8.5+W.Ant at 2100: 132.1 cm

North Saanich, BC (PGC5)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-4.2	-1.4	1.4
2010	-4.1	0.5	5.1
2020	-1.6	3.3	8.2
2030	0.2	6.3	12.4
2040	1.7	10.5	19.4
2050	4.9	13.9	22.9
2060	6.2	17.9	29.6
2070	8.2	21.2	34.1
2080	8.6	24.8	41.0
2090	9.6	29.1	48.5
2100	11.5	34.0	56.5

RCP4.5			
year	5%	median	95%
2007	-4.4	-1.0	2.3
2010	-4.2	0.0	4.1
2020	-2.0	2.6	7.3
2030	-0.7	6.0	12.6
2040	1.3	9.6	17.9
2050	5.7	14.3	22.9
2060	6.0	18.1	30.2
2070	8.3	22.4	36.5
2080	10.0	27.2	44.5
2090	12.7	32.8	52.8
2100	14.4	38.0	61.6

RCP8.5			
year	5%	median	95%
2007	-5.2	-0.3	4.5
2010	-4.8	-0.2	4.5
2020	-2.3	2.9	8.2
2030	-1.0	6.2	13.4
2040	1.2	9.6	18.0
2050	5.1	15.0	24.9
2060	6.8	20.5	34.3
2070	10.2	26.9	43.5
2080	13.3	33.9	54.4
2090	17.6	42.5	67.3
2100	21.1	52.4	83.8

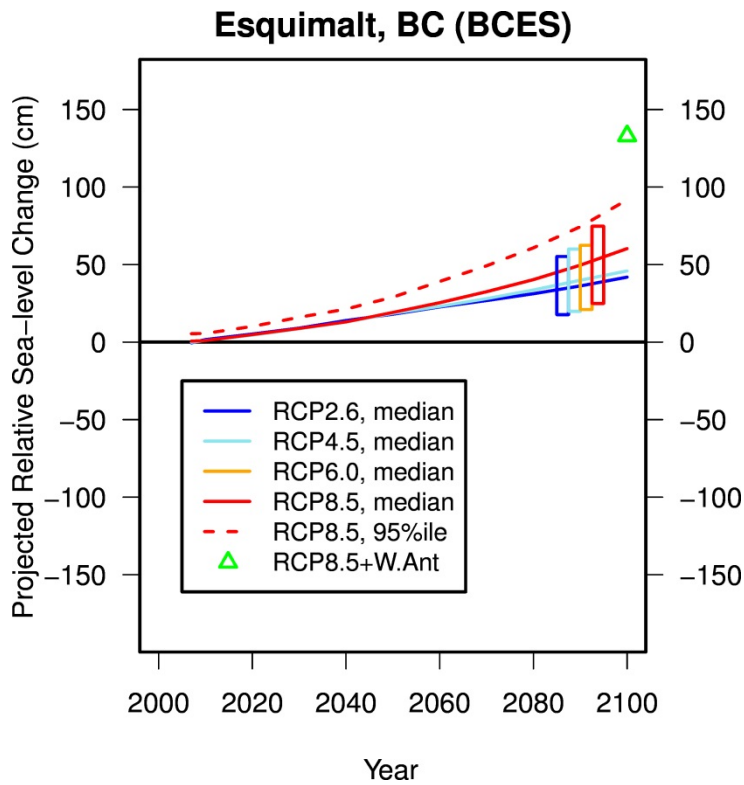
Figure 35. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	10.6	29.3	48.1
RCP4.5	12.6	32.8	52.9
RCP6.0	13.8	34.6	55.3
RCP8.5	17.7	42.6	67.6

RCP8.5+W.Ant at 2100: 125.1 cm

Esquimalt, BC (BCES)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.3	-0.5	2.3
2010	-3.0	1.6	6.3
2020	0.3	5.2	10.0
2030	2.8	9.0	15.1
2040	5.0	13.9	22.7
2050	9.0	18.0	27.0
2060	11.0	22.7	34.4
2070	13.8	26.8	39.8
2080	14.9	31.2	47.4
2090	16.8	36.2	55.6
2100	19.4	41.9	64.4

RCP4.5			
year	5%	median	95%
2007	-3.5	-0.2	3.2
2010	-3.0	1.1	5.3
2020	-0.1	4.5	9.1
2030	1.9	8.6	15.3
2040	4.7	13.0	21.3
2050	9.8	18.5	27.1
2060	10.9	23.0	35.1
2070	13.9	28.0	42.1
2080	16.4	33.6	50.9
2090	19.8	39.9	59.9
2100	22.3	45.9	69.4

RCP8.5			
year	5%	median	95%
2007	-4.3	0.6	5.4
2010	-3.7	1.0	5.6
2020	-0.4	4.8	10.1
2030	1.7	8.8	16.0
2040	4.6	13.0	21.3
2050	9.3	19.1	29.0
2060	11.7	25.4	39.1
2070	15.9	32.5	49.2
2080	19.7	40.3	60.8
2090	24.8	49.6	74.4
2100	29.0	60.3	91.7

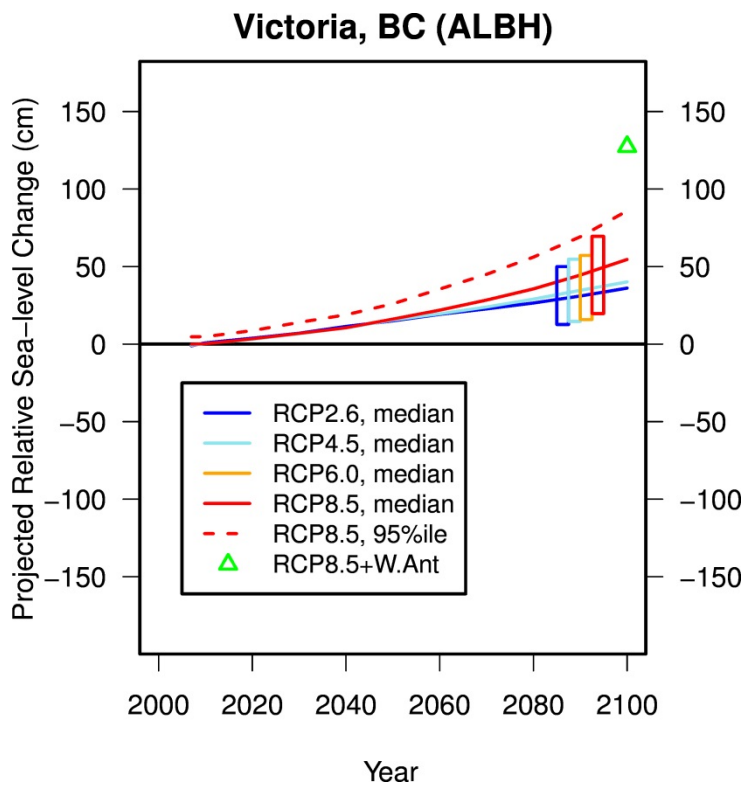
Figure 36. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	17.7	36.5	55.2
RCP4.5	19.8	39.9	60.0
RCP6.0	21.0	41.7	62.4
RCP8.5	24.9	49.8	74.7

RCP8.5+W.Ant at 2100: 133.0 cm

Victoria, BC (ALBH)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.9	-1.1	1.7
2010	-3.8	0.8	5.4
2020	-1.1	3.8	8.6
2030	0.9	7.0	13.1
2040	2.6	11.4	20.3
2050	6.0	15.0	24.0
2060	7.5	19.2	30.9
2070	9.7	22.7	35.7
2080	10.3	26.5	42.7
2090	11.6	31.0	50.4
2100	13.7	36.1	58.6

RCP4.5			
year	5%	median	95%
2007	-4.1	-0.8	2.5
2010	-3.9	0.3	4.4
2020	-1.5	3.1	7.8
2030	0.0	6.7	13.3
2040	2.2	10.5	18.8
2050	6.9	15.5	24.0
2060	7.4	19.5	31.5
2070	9.9	23.9	38.0
2080	11.8	29.0	46.2
2090	14.7	34.7	54.7
2100	16.6	40.1	63.7

RCP8.5			
year	5%	median	95%
2007	-4.9	-0.1	4.7
2010	-4.5	0.2	4.8
2020	-1.8	3.4	8.7
2030	-0.2	6.9	14.0
2040	2.2	10.5	18.9
2050	6.3	16.1	26.0
2060	8.2	21.9	35.5
2070	11.8	28.4	45.0
2080	15.1	35.6	56.1
2090	19.7	44.5	69.2
2100	23.3	54.6	85.9

Figure 37. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

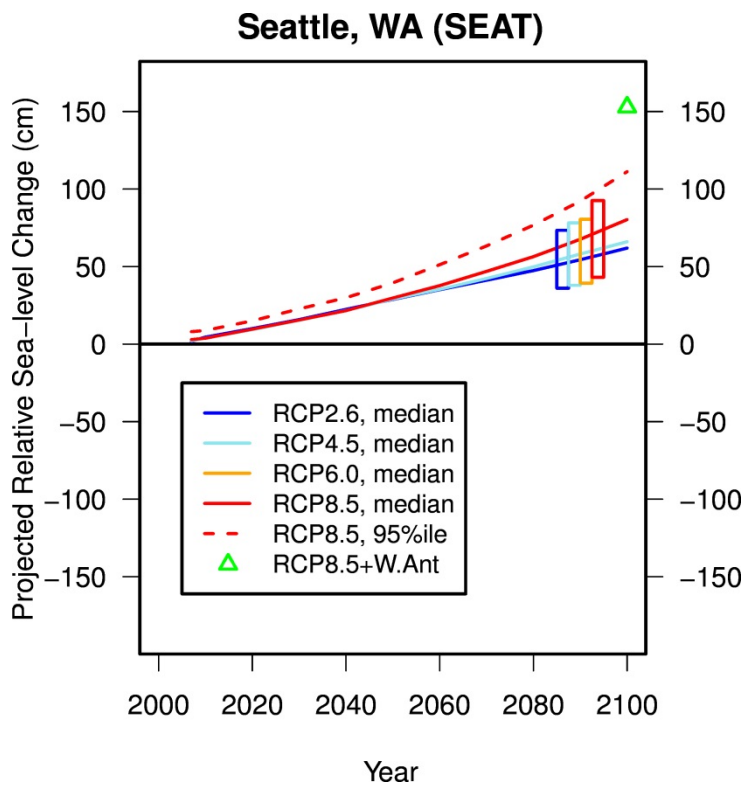
Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	12.6	31.3	50.0
RCP4.5	14.6	34.7	54.8
RCP6.0	15.8	36.5	57.2
RCP8.5	19.7	44.6	69.5

RCP8.5+W.Ant at 2100: 127.3 cm



Seattle, WA (SEAT)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-1.0	1.8	4.6
2010	-0.5	4.5	9.4
2020	5.3	10.0	14.7
2030	9.7	15.8	21.8
2040	13.4	22.4	31.4
2050	19.6	28.8	37.9
2060	23.3	35.1	47.0
2070	28.3	41.2	54.1
2080	31.3	47.4	63.5
2090	35.0	54.4	73.8
2100	39.5	61.9	84.4

RCP4.5			
year	5%	median	95%
2007	-1.4	2.1	5.6
2010	-0.3	3.9	8.1
2020	4.7	9.3	13.9
2030	8.6	15.4	22.3
2040	13.1	21.7	30.2
2050	20.3	29.0	37.7
2060	23.3	35.3	47.3
2070	28.2	42.3	56.5
2080	32.6	49.8	67.0
2090	38.1	58.1	78.1
2100	42.4	66.0	89.6

RCP8.5			
year	5%	median	95%
2007	-2.3	2.9	8.0
2010	-1.2	3.8	8.8
2020	4.3	9.6	15.0
2030	8.3	15.5	22.7
2040	13.3	21.6	29.9
2050	19.9	29.7	39.5
2060	24.1	37.7	51.2
2070	30.4	46.9	63.3
2080	36.0	56.4	76.7
2090	43.0	67.6	92.2
2100	49.3	80.3	111.2

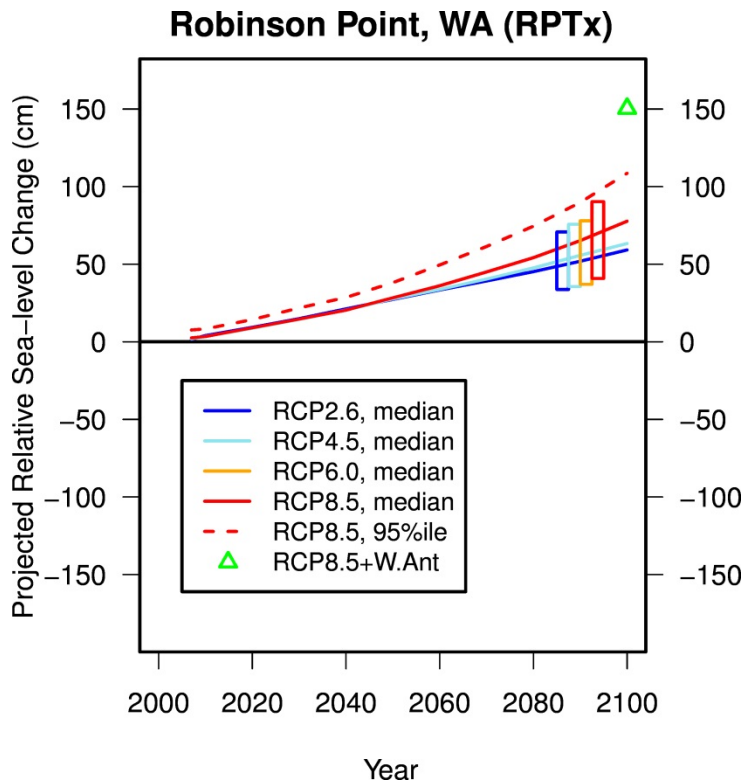
Figure 38. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	36.0	54.7	73.4
RCP4.5	37.9	58.1	78.2
RCP6.0	39.3	59.9	80.5
RCP8.5	43.1	67.9	92.6

RCP8.5+W.Ant at 2100: 152.8 cm

Robinson Point, WA (RPTx)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-1.3	1.5	4.3
2010	-0.9	4.0	8.9
2020	4.7	9.3	14.0
2030	8.9	14.9	20.9
2040	12.3	21.2	30.1
2050	18.3	27.3	36.4
2060	21.7	33.4	45.2
2070	26.4	39.2	52.1
2080	29.2	45.2	61.2
2090	32.7	51.9	71.2
2100	36.9	59.2	81.6

RCP4.5			
year	5%	median	95%
2007	-1.7	1.8	5.3
2010	-0.7	3.5	7.7
2020	4.1	8.7	13.2
2030	7.8	14.5	21.3
2040	12.1	20.5	28.9
2050	19.0	27.6	36.1
2060	21.8	33.7	45.6
2070	26.4	40.4	54.5
2080	30.5	47.6	64.8
2090	35.7	55.7	75.6
2100	39.8	63.3	86.8

RCP8.5			
year	5%	median	95%
2007	-2.5	2.5	7.6
2010	-1.5	3.4	8.3
2020	3.7	9.0	14.3
2030	7.5	14.6	21.8
2040	12.2	20.4	28.6
2050	18.5	28.3	38.1
2060	22.6	36.1	49.5
2070	28.5	45.0	61.4
2080	33.9	54.2	74.5
2090	40.7	65.2	89.8
2100	46.7	77.7	108.6

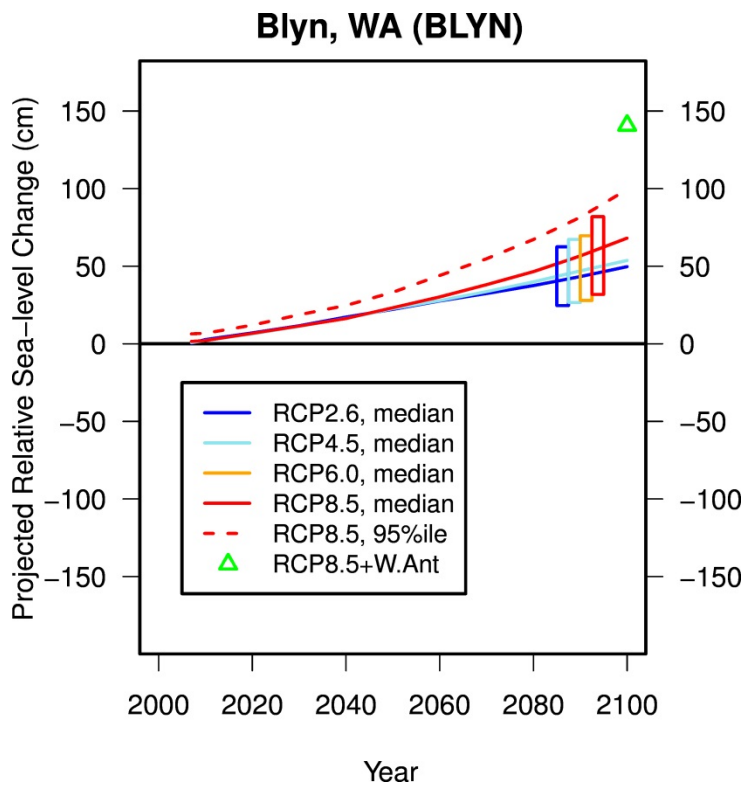
Figure 39. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	33.7	52.2	70.8
RCP4.5	35.6	55.6	75.7
RCP6.0	37.0	57.5	78.0
RCP8.5	40.8	65.5	90.3

RCP8.5+W.Ant at 2100: 150.3 cm

Blyn, WA (BLYN)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-2.4	0.4	3.2
2010	-2.1	2.7	7.5
2020	2.2	7.0	11.9
2030	5.4	11.6	17.8
2040	8.2	17.2	26.2
2050	12.9	22.2	31.5
2060	15.6	27.6	39.5
2070	19.2	32.4	45.6
2080	21.1	37.5	53.9
2090	23.6	43.3	62.9
2100	27.0	49.7	72.4

RCP4.5			
year	5%	median	95%
2007	-2.7	0.7	4.2
2010	-2.0	2.2	6.4
2020	1.7	6.4	11.1
2030	4.4	11.3	18.1
2040	7.8	16.4	24.9
2050	13.7	22.6	31.4
2060	15.6	27.8	40.0
2070	19.3	33.6	47.9
2080	22.4	39.9	57.3
2090	26.7	47.0	67.2
2100	29.9	53.7	77.5

RCP8.5			
year	5%	median	95%
2007	-3.5	1.5	6.4
2010	-2.7	2.1	6.8
2020	1.3	6.7	12.0
2030	4.2	11.4	18.7
2040	7.9	16.3	24.7
2050	13.2	23.2	33.2
2060	16.4	30.2	44.0
2070	21.4	38.1	54.8
2080	25.9	46.5	67.2
2090	31.7	56.6	81.5
2100	36.8	68.1	99.4

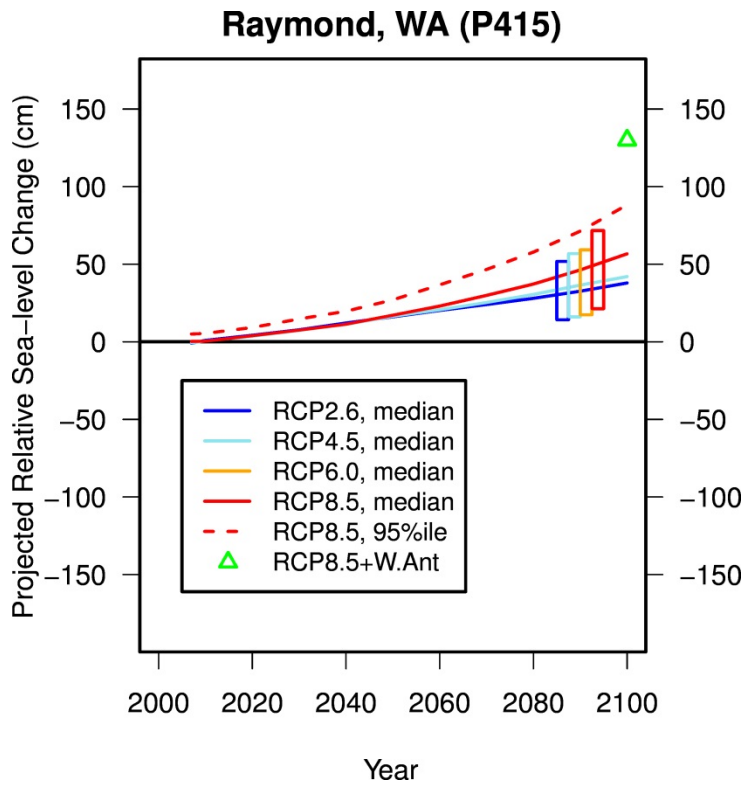
Figure 40. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	24.6	43.6	62.5
RCP4.5	26.6	47.0	67.3
RCP6.0	27.9	48.8	69.6
RCP8.5	31.8	56.8	81.9

RCP8.5+W.Ant at 2100: 140.7 cm

Raymond, WA (P415)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.7	-0.9	1.9
2010	-3.9	0.9	5.7
2020	-0.5	4.2	8.9
2030	1.6	7.7	13.8
2040	3.1	12.1	21.1
2050	6.8	16.1	25.3
2060	8.2	20.2	32.1
2070	11.0	24.0	37.0
2080	11.6	28.0	44.3
2090	13.1	32.6	52.1
2100	15.2	37.9	60.6

RCP4.5			
year	5%	median	95%
2007	-4.1	-0.7	2.7
2010	-3.8	0.5	4.8
2020	-1.0	3.6	8.1
2030	0.6	7.4	14.2
2040	2.8	11.3	19.8
2050	7.7	16.4	25.1
2060	8.5	20.6	32.6
2070	11.0	25.3	39.5
2080	13.2	30.5	47.9
2090	16.2	36.5	56.7
2100	18.2	42.0	65.7

RCP8.5			
year	5%	median	95%
2007	-4.7	0.2	5.0
2010	-4.5	0.4	5.4
2020	-1.3	3.9	9.2
2030	0.3	7.5	14.7
2040	3.0	11.3	19.7
2050	7.2	17.1	27.0
2060	9.3	23.0	36.7
2070	13.2	29.9	46.6
2080	16.5	37.2	57.8
2090	21.3	46.3	71.3
2100	25.1	56.7	88.2

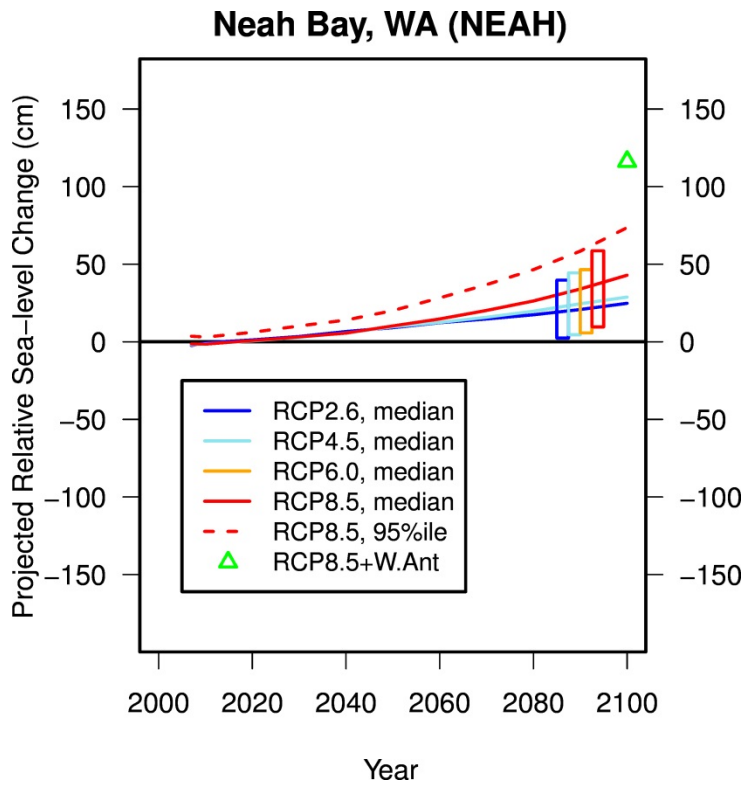
Figure 41. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	14.2	33.0	51.8
RCP4.5	16.1	36.5	56.8
RCP6.0	17.4	38.3	59.3
RCP8.5	21.3	46.5	71.7

RCP8.5+W.Ant at 2100: 130.0 cm

Neah Bay, WA (NEAH)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.3	-2.4	0.4
2010	-5.2	-0.6	4.0
2020	-3.8	1.2	6.2
2030	-2.7	3.4	9.5
2040	-2.1	6.6	15.4
2050	0.2	9.1	18.0
2060	0.7	12.3	23.9
2070	1.5	14.7	27.9
2080	1.2	17.4	33.5
2090	1.5	20.8	40.2
2100	2.6	24.8	47.1

RCP4.5			
year	5%	median	95%
2007	-5.4	-2.0	1.4
2010	-5.4	-1.3	2.8
2020	-4.2	0.5	5.2
2030	-3.7	2.9	9.5
2040	-2.7	5.7	14.1
2050	0.9	9.6	18.3
2060	0.3	12.4	24.6
2070	1.8	15.8	29.9
2080	2.5	19.7	36.9
2090	4.6	24.5	44.3
2100	5.3	28.8	52.3

RCP8.5			
year	5%	median	95%
2007	-6.4	-1.4	3.6
2010	-6.1	-1.5	3.0
2020	-4.6	0.8	6.1
2030	-4.0	3.1	10.2
2040	-2.7	5.6	14.0
2050	0.3	10.2	20.1
2060	1.2	14.7	28.3
2070	3.6	20.2	36.8
2080	6.0	26.3	46.5
2090	9.6	34.0	58.4
2100	12.2	42.9	73.6

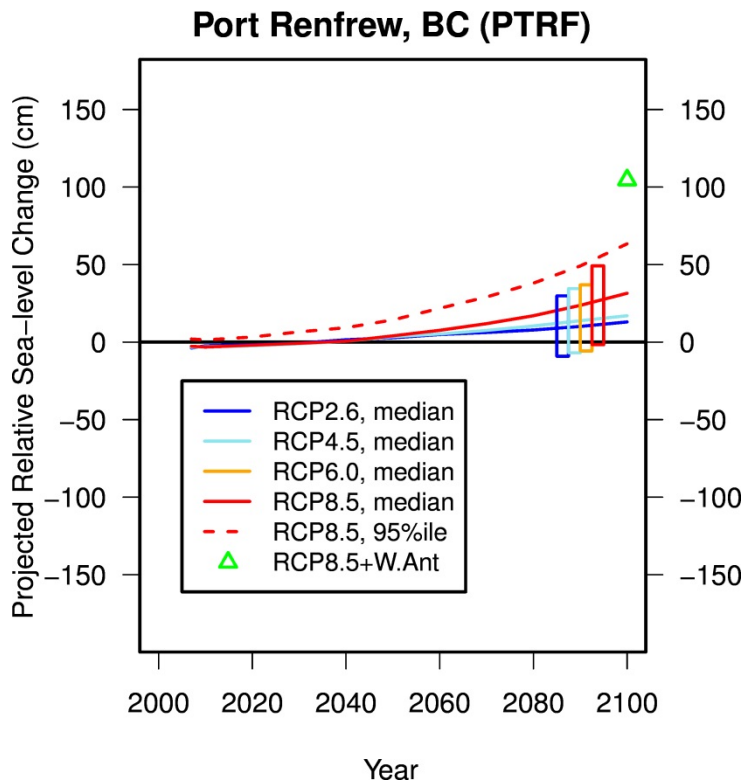
Figure 42. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	2.4	21.0	39.7
RCP4.5	4.5	24.4	44.4
RCP6.0	5.7	26.1	46.5
RCP8.5	9.6	34.1	58.6

RCP8.5+W.Ant at 2100: 116.2 cm

Port Renfrew, BC (PTRF)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-6.6	-3.8	-0.9
2010	-6.9	-2.4	2.1
2020	-6.8	-1.7	3.4
2030	-7.1	-0.7	5.7
2040	-7.5	1.5	10.6
2050	-6.6	2.8	12.1
2060	-7.2	4.9	17.0
2070	-7.5	6.2	19.9
2080	-9.1	7.8	24.7
2090	-10.0	10.1	30.1
2100	-10.1	13.0	36.2

RCP4.5			
year	5%	median	95%
2007	-6.7	-3.4	-0.1
2010	-7.1	-2.9	1.2
2020	-7.1	-2.4	2.4
2030	-8.0	-1.1	5.7
2040	-8.0	0.6	9.2
2050	-5.8	3.4	12.5
2060	-7.4	5.2	17.9
2070	-7.1	7.5	22.1
2080	-7.5	10.4	28.2
2090	-6.8	13.8	34.5
2100	-7.2	17.0	41.2

RCP8.5			
year	5%	median	95%
2007	-7.4	-2.7	2.0
2010	-7.7	-3.2	1.4
2020	-7.4	-2.0	3.3
2030	-8.2	-0.8	6.6
2040	-8.1	0.6	9.3
2050	-6.4	4.0	14.3
2060	-6.6	7.6	21.8
2070	-5.3	11.9	29.1
2080	-4.1	17.0	38.0
2090	-1.6	23.7	49.1
2100	-0.3	31.5	63.4

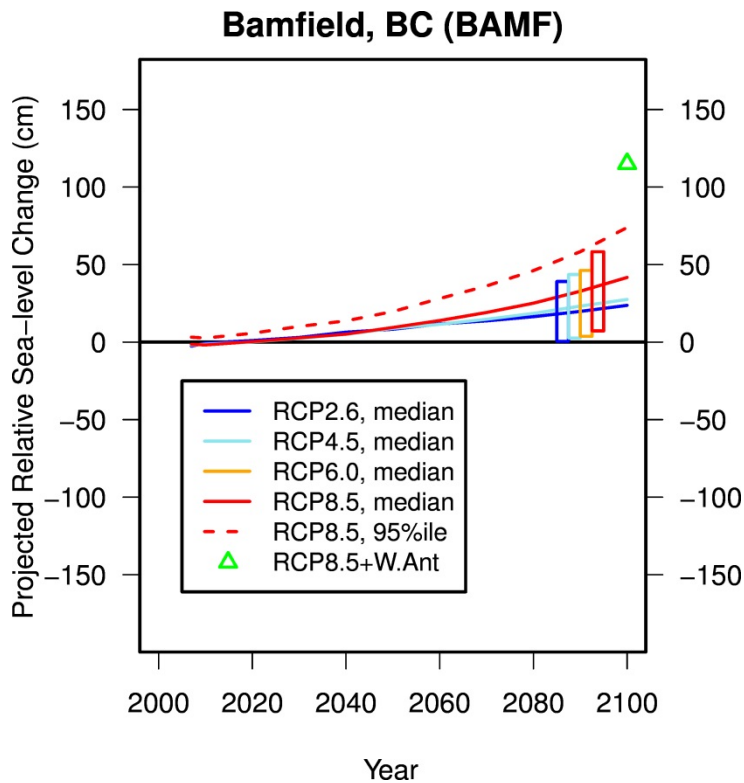
Figure 43. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-9.1	10.3	29.8
RCP4.5	-6.9	13.8	34.5
RCP6.0	-5.7	15.6	36.9
RCP8.5	-1.7	23.8	49.2

RCP8.5+W.Ant at 2100: 104.6 cm

Bamfield, BC (BAMF)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.2	-2.6	-0.1
2010	-4.8	-0.6	3.7
2020	-4.0	1.0	6.1
2030	-2.9	3.0	8.9
2040	-2.3	6.4	15.0
2050	-0.7	8.3	17.2
2060	0.0	11.7	23.4
2070	0.5	13.7	26.9
2080	-0.3	16.4	33.2
2090	0.1	19.8	39.6
2100	0.7	23.7	46.8

RCP4.5			
year	5%	median	95%
2007	-5.3	-2.0	1.2
2010	-5.4	-1.3	2.7
2020	-4.5	0.1	4.8
2030	-4.2	2.4	9.0
2040	-3.3	5.1	13.5
2050	0.0	8.8	17.7
2060	-1.0	11.5	24.0
2070	0.5	14.7	29.0
2080	0.8	18.5	36.2
2090	2.9	23.2	43.5
2100	3.6	27.5	51.4

RCP8.5			
year	5%	median	95%
2007	-6.2	-1.5	3.2
2010	-6.2	-1.8	2.6
2020	-5.0	0.3	5.7
2030	-4.7	2.7	10.1
2040	-3.6	5.1	13.7
2050	-0.8	9.4	19.7
2060	-0.3	13.9	28.1
2070	2.0	19.1	36.2
2080	4.0	25.1	46.1
2090	7.3	32.8	58.3
2100	9.4	41.7	73.9

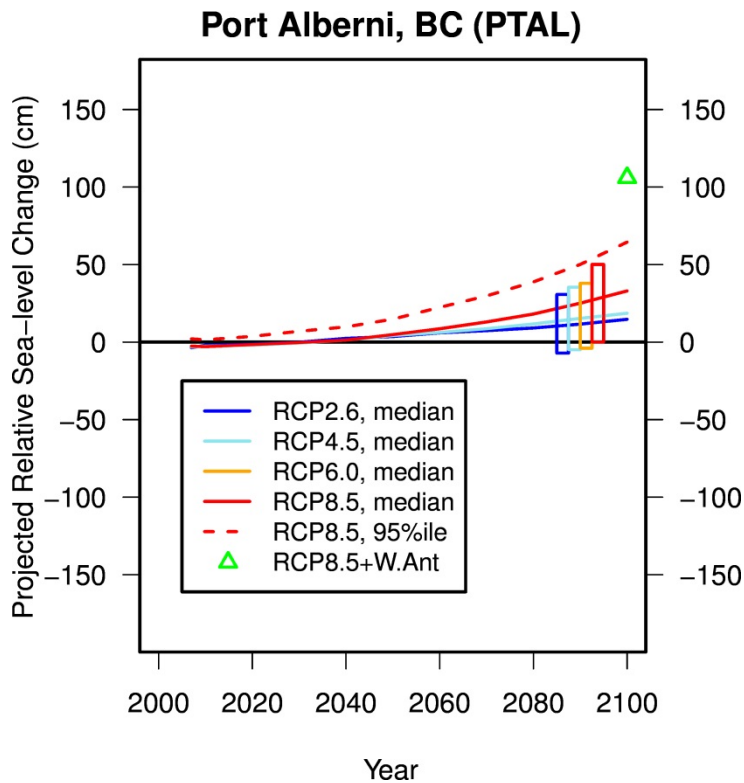
Figure 44. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	0.5	19.8	39.1
RCP4.5	2.6	23.1	43.6
RCP6.0	3.7	24.9	46.2
RCP8.5	7.2	32.8	58.3

RCP8.5+W.Ant at 2100: 115.1 cm

Port Alberni, BC (PTAL)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-6.4	-3.6	-0.8
2010	-6.4	-2.1	2.3
2020	-6.3	-1.3	3.7
2030	-6.3	-0.1	6.0
2040	-6.3	2.4	11.1
2050	-5.3	3.6	12.5
2060	-5.6	6.0	17.6
2070	-5.8	7.4	20.6
2080	-7.3	9.1	25.6
2090	-7.9	11.6	31.2
2100	-7.9	14.7	37.3

RCP4.5			
year	5%	median	95%
2007	-6.4	-3.2	0.1
2010	-6.7	-2.6	1.4
2020	-6.5	-2.0	2.6
2030	-7.1	-0.6	5.9
2040	-7.0	1.3	9.6
2050	-4.5	4.2	12.9
2060	-6.1	6.2	18.4
2070	-5.4	8.6	22.7
2080	-5.7	11.7	29.1
2090	-4.8	15.3	35.4
2100	-5.0	18.6	42.2

RCP8.5			
year	5%	median	95%
2007	-7.2	-2.6	2.1
2010	-7.4	-2.9	1.5
2020	-6.9	-1.6	3.7
2030	-7.6	-0.3	7.0
2040	-7.2	1.3	9.8
2050	-5.3	4.8	14.8
2060	-5.3	8.6	22.4
2070	-3.9	13.0	29.8
2080	-2.5	18.1	38.8
2090	0.1	25.1	50.1
2100	1.5	33.0	64.5

Figure 45. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

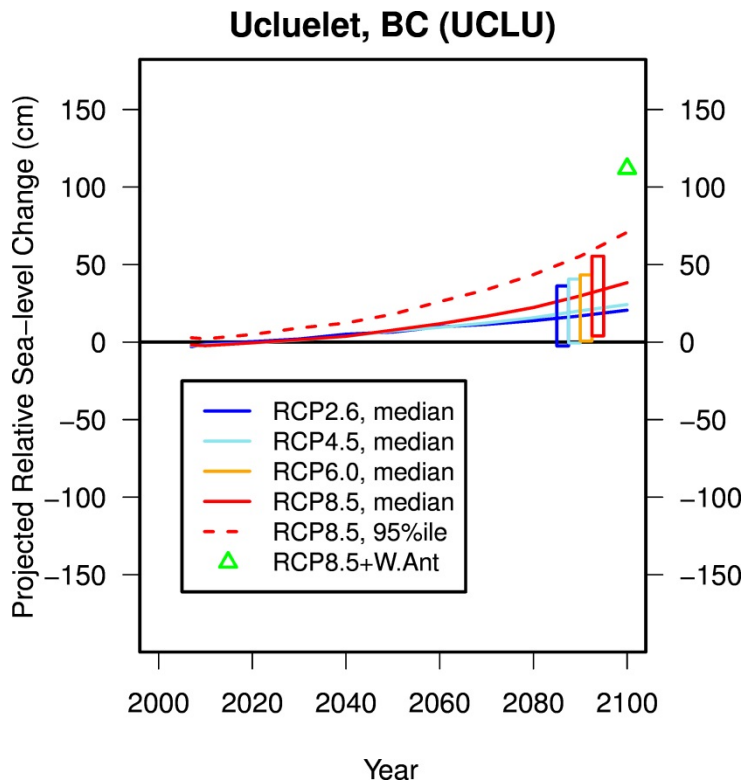
Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-7.1	11.8	30.7
RCP4.5	-4.9	15.2	35.4
RCP6.0	-3.9	17.0	37.9
RCP8.5	0.0	25.1	50.1

RCP8.5+W.Ant at 2100: 106.0 cm



Ucluelet, BC (UCLU)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.5	-3.0	-0.5
2010	-5.1	-0.9	3.2
2020	-4.8	0.3	5.4
2030	-3.8	2.0	7.8
2040	-3.5	5.1	13.7
2050	-2.3	6.5	15.4
2060	-1.9	9.8	21.5
2070	-1.8	11.4	24.5
2080	-3.0	13.8	30.6
2090	-2.8	16.9	36.7
2100	-2.5	20.6	43.6

RCP4.5			
year	5%	median	95%
2007	-5.5	-2.4	0.8
2010	-5.8	-1.8	2.2
2020	-5.2	-0.6	4.0
2030	-5.3	1.3	7.9
2040	-4.6	3.7	12.1
2050	-1.7	7.1	15.9
2060	-3.1	9.5	22.0
2070	-1.8	12.3	26.5
2080	-2.0	15.7	33.5
2090	-0.1	20.2	40.5
2100	0.3	24.2	48.2

RCP8.5			
year	5%	median	95%
2007	-6.6	-1.9	2.8
2010	-6.6	-2.3	2.1
2020	-5.9	-0.5	4.9
2030	-5.9	1.6	9.1
2040	-5.0	3.7	12.3
2050	-2.6	7.7	18.0
2060	-2.5	11.8	26.1
2070	-0.5	16.7	33.8
2080	1.1	22.3	43.5
2090	4.1	29.8	55.4
2100	5.8	38.3	70.8

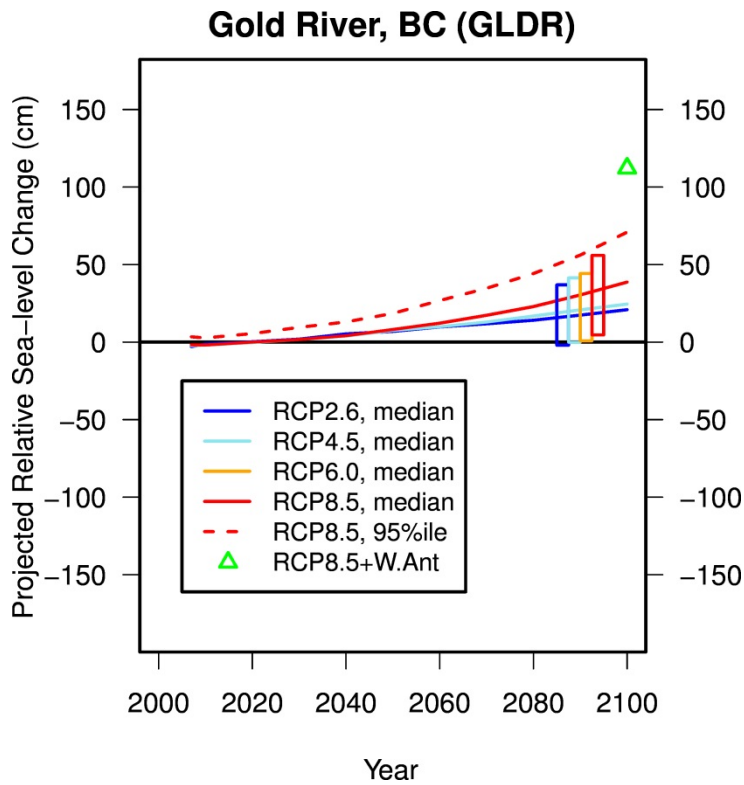
Figure 46. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-2.5	16.8	36.2
RCP4.5	-0.5	20.1	40.6
RCP6.0	0.6	22.0	43.3
RCP8.5	4.0	29.7	55.4

RCP8.5+W.Ant at 2100: 111.9 cm

Gold River, BC (GLDR)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.9	-2.9	0.1
2010	-5.8	-1.2	3.3
2020	-5.0	0.2	5.5
2030	-4.4	1.9	8.3
2040	-4.0	5.3	14.5
2050	-2.3	6.9	16.1
2060	-2.4	9.8	22.0
2070	-1.6	11.8	25.3
2080	-3.1	14.1	31.3
2090	-2.7	17.4	37.4
2100	-2.4	20.9	44.2

RCP4.5			
year	5%	median	95%
2007	-5.7	-2.4	0.9
2010	-6.0	-1.9	2.2
2020	-5.0	-0.3	4.4
2030	-4.8	1.7	8.2
2040	-4.6	3.9	12.5
2050	-1.7	7.5	16.6
2060	-2.7	9.9	22.5
2070	-1.6	12.9	27.3
2080	-1.3	16.8	35.0
2090	0.0	20.8	41.5
2100	0.1	24.5	48.8

RCP8.5			
year	5%	median	95%
2007	-7.0	-1.8	3.4
2010	-6.5	-1.9	2.7
2020	-5.6	0.0	5.5
2030	-6.0	1.7	9.5
2040	-4.8	4.1	13.0
2050	-2.4	8.1	18.5
2060	-2.3	12.2	26.8
2070	0.0	17.3	34.7
2080	1.7	22.9	44.2
2090	4.7	30.4	56.1
2100	6.6	38.7	70.9

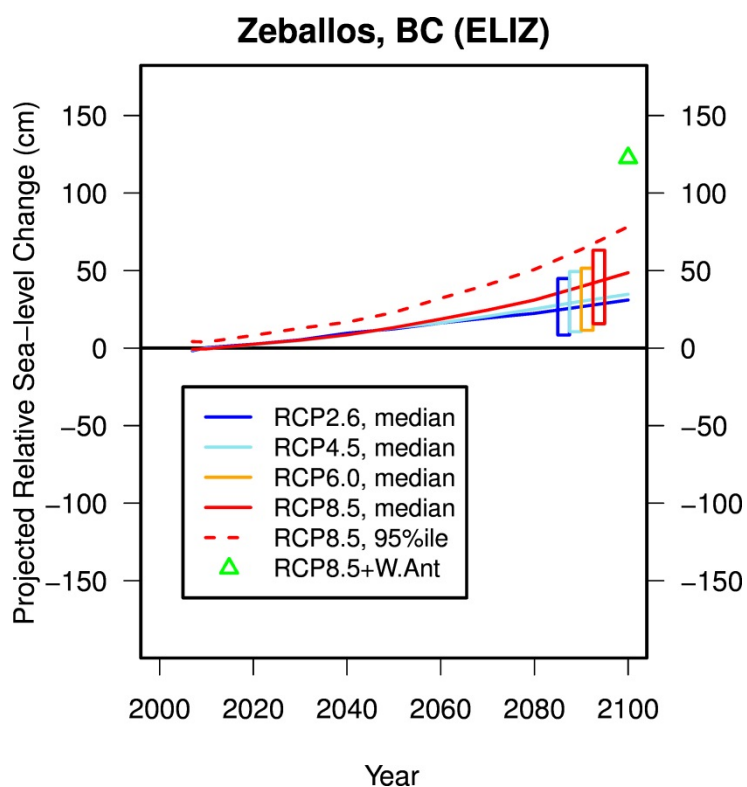
Figure 47. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-2.0	17.4	36.9
RCP4.5	-0.1	20.7	41.4
RCP6.0	0.8	22.5	44.2
RCP8.5	4.6	30.3	55.9

RCP8.5+W.Ant at 2100: 112.2 cm

Zeballos, BC (ELIZ)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-4.7	-1.7	1.2
2010	-4.3	0.3	4.9
2020	-2.6	2.5	7.7
2030	-0.7	5.3	11.3
2040	1.1	9.6	18.1
2050	3.9	12.4	20.9
2060	4.9	16.2	27.4
2070	6.4	19.4	32.5
2080	6.4	22.4	38.5
2090	7.7	26.7	45.7
2100	9.0	31.0	53.0

RCP4.5			
year	5%	median	95%
2007	-4.5	-1.2	2.1
2010	-4.0	-0.1	3.8
2020	-2.3	2.1	6.5
2030	-1.0	4.8	10.7
2040	0.1	8.4	16.6
2050	4.5	13.0	21.5
2060	4.6	16.2	27.9
2070	7.0	20.5	34.0
2080	8.1	25.2	42.3
2090	10.8	30.2	49.6
2100	11.7	34.7	57.8

RCP8.5			
year	5%	median	95%
2007	-5.8	-0.8	4.2
2010	-4.9	-0.5	3.9
2020	-3.2	2.5	8.2
2030	-2.5	5.1	12.8
2040	0.2	8.5	16.7
2050	3.4	13.2	23.0
2060	5.3	18.7	32.1
2070	8.1	24.5	40.8
2080	11.3	31.0	50.7
2090	15.9	39.7	63.6
2100	18.9	48.6	78.3

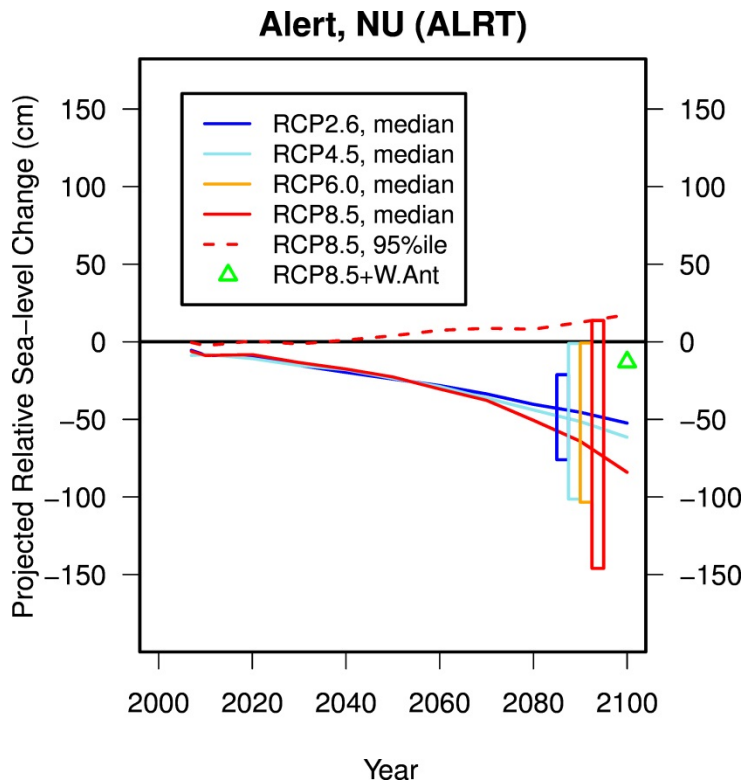
Figure 48. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	8.4	26.7	44.9
RCP4.5	10.6	30.0	49.4
RCP6.0	11.5	31.5	51.5
RCP8.5	15.7	39.4	63.1

RCP8.5+W.Ant at 2100: 122.7 cm

Alert, NU (ALRT)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-8.2	-5.5	-2.9
2010	-11.4	-8.6	-5.8
2020	-18.5	-9.6	-0.7
2030	-25.1	-15.2	-5.3
2040	-35.9	-19.7	-3.6
2050	-45.1	-24.0	-3.0
2060	-53.3	-28.2	-3.1
2070	-65.2	-33.6	-2.0
2080	-78.0	-40.3	-2.6
2090	-86.2	-45.4	-4.6
2100	-95.8	-52.4	-9.0

RCP4.5			
year	5%	median	95%
2007	-14.5	-8.8	-3.2
2010	-12.5	-8.1	-3.6
2020	-20.3	-10.8	-1.2
2030	-28.7	-15.3	-1.9
2040	-33.7	-18.0	-2.3
2050	-45.9	-23.6	-1.2
2060	-58.7	-28.8	1.1
2070	-71.3	-36.3	-1.3
2080	-88.2	-43.9	0.4
2090	-102.5	-51.4	-0.4
2100	-120.8	-61.5	-2.2

RCP8.5			
year	5%	median	95%
2007	-11.9	-6.2	-0.4
2010	-15.1	-8.8	-2.5
2020	-17.2	-8.3	0.5
2030	-25.4	-13.4	-1.4
2040	-36.3	-17.6	1.1
2050	-49.3	-22.7	3.9
2060	-68.2	-30.4	7.4
2070	-84.2	-37.7	8.7
2080	-109.4	-50.6	8.1
2090	-140.8	-64.1	12.5
2100	-185.7	-84.1	17.5

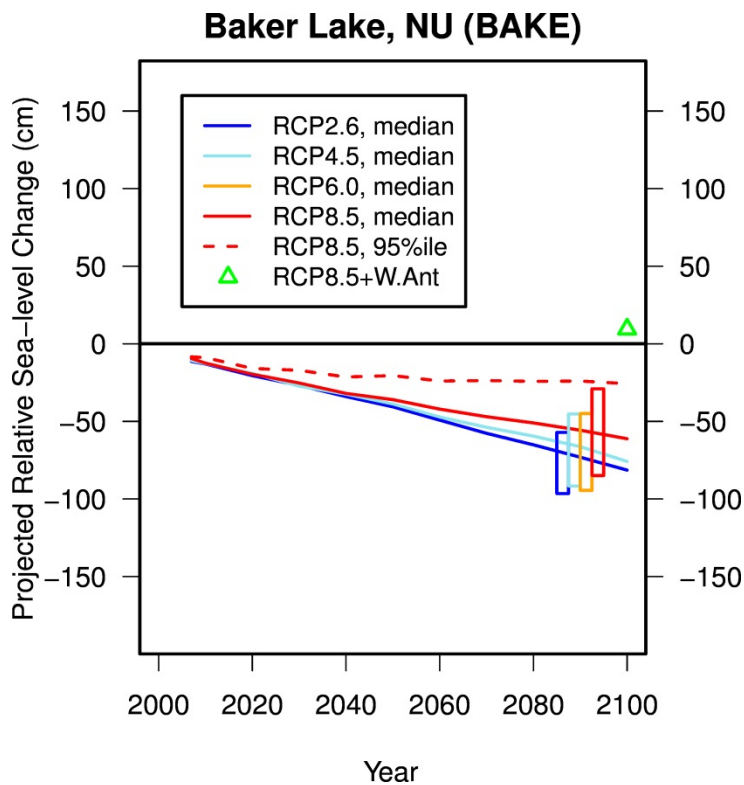
Figure 49. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-76.0	-48.6	-21.2
RCP4.5	-101.4	-51.2	-1.0
RCP6.0	-103.4	-52.1	-0.7
RCP8.5	-146.0	-66.1	13.7

RCP8.5+W.Ant at 2100: -13.0 cm

Baker Lake, NU (BAKE)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-12.5	-11.4	-10.3
2010	-14.4	-13.0	-11.7
2020	-22.7	-20.5	-18.3
2030	-29.9	-26.8	-23.7
2040	-40.8	-34.0	-27.2
2050	-49.4	-40.6	-31.7
2060	-58.7	-49.2	-39.8
2070	-71.2	-57.7	-44.2
2080	-81.2	-65.1	-49.0
2090	-92.4	-73.1	-53.7
2100	-104.8	-81.4	-58.1

RCP4.5			
year	5%	median	95%
2007	-12.0	-10.9	-9.8
2010	-14.2	-12.8	-11.5
2020	-22.7	-19.0	-15.2
2030	-32.3	-27.3	-22.2
2040	-40.8	-32.5	-24.1
2050	-45.7	-38.8	-31.9
2060	-58.4	-47.2	-36.1
2070	-68.0	-53.8	-39.6
2080	-75.2	-59.5	-43.8
2090	-87.1	-66.3	-45.5
2100	-99.6	-75.8	-52.0

RCP8.5			
year	5%	median	95%
2007	-10.6	-9.5	-8.4
2010	-16.2	-12.5	-8.9
2020	-23.3	-19.6	-15.9
2030	-33.5	-25.3	-17.1
2040	-42.5	-32.0	-21.4
2050	-51.4	-36.0	-20.5
2060	-60.3	-42.1	-24.0
2070	-70.2	-47.0	-23.7
2080	-77.8	-51.0	-24.2
2090	-87.4	-55.7	-24.0
2100	-96.6	-61.2	-25.7

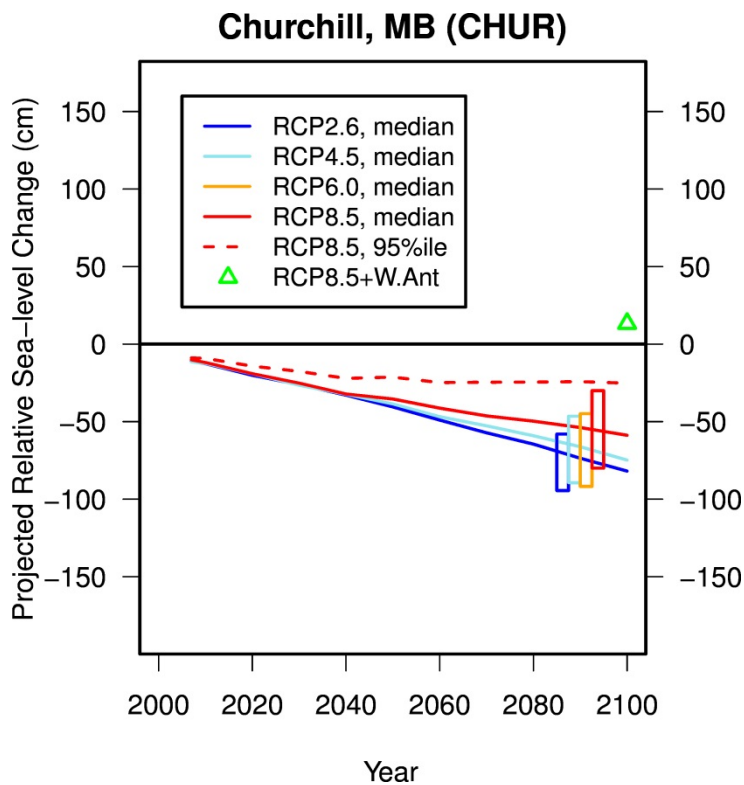
Figure 50. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-96.5	-76.8	-57.1
RCP4.5	-91.7	-68.5	-45.2
RCP6.0	-94.5	-69.8	-45.0
RCP8.5	-84.9	-56.9	-29.0

RCP8.5+W.Ant at 2100: 9.5 cm

Churchill, MB (CHUR)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-12.3	-11.2	-10.2
2010	-13.9	-12.6	-11.3
2020	-22.2	-20.1	-18.0
2030	-29.0	-26.1	-23.2
2040	-37.0	-32.9	-28.9
2050	-46.9	-40.5	-34.2
2060	-55.5	-49.0	-42.5
2070	-67.9	-57.2	-46.4
2080	-78.4	-64.5	-50.5
2090	-90.6	-73.6	-56.6
2100	-102.2	-81.9	-61.5

RCP4.5			
year	5%	median	95%
2007	-12.4	-11.4	-10.4
2010	-13.8	-12.5	-11.2
2020	-21.5	-19.2	-16.9
2030	-30.1	-26.5	-22.9
2040	-37.2	-32.4	-27.6
2050	-43.5	-38.6	-33.7
2060	-54.4	-46.8	-39.2
2070	-64.1	-52.7	-41.3
2080	-72.1	-59.1	-46.1
2090	-83.7	-66.2	-48.8
2100	-95.0	-74.8	-54.6

RCP8.5			
year	5%	median	95%
2007	-11.5	-10.2	-8.9
2010	-14.5	-11.9	-9.2
2020	-24.0	-19.1	-14.2
2030	-32.7	-25.2	-17.6
2040	-42.2	-32.2	-22.1
2050	-49.5	-35.4	-21.3
2060	-57.9	-41.3	-24.8
2070	-68.0	-46.3	-24.6
2080	-75.0	-49.7	-24.5
2090	-83.5	-53.8	-24.2
2100	-92.4	-58.8	-25.2

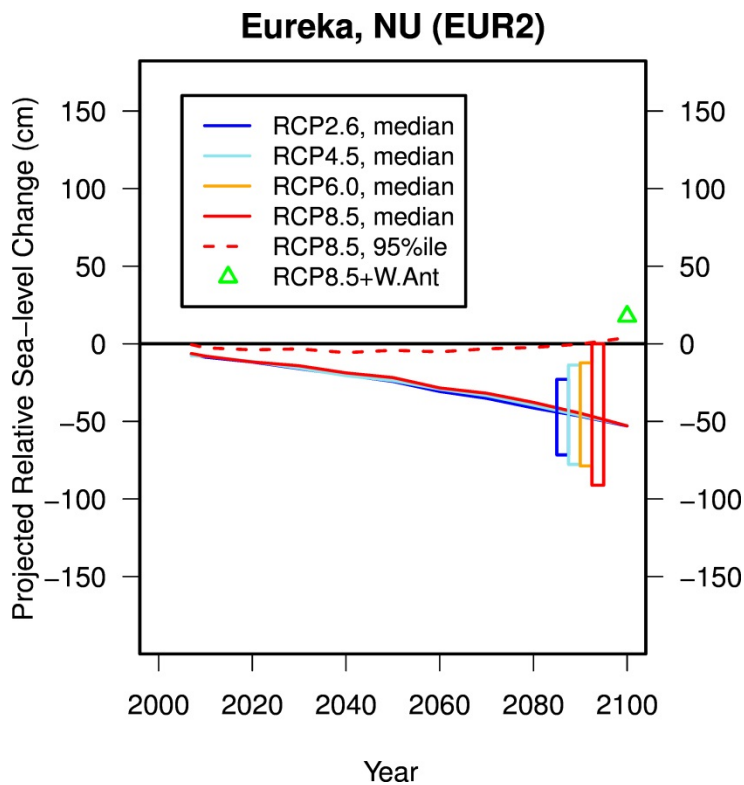
Figure 51. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-94.5	-76.3	-58.0
RCP4.5	-89.4	-68.0	-46.5
RCP6.0	-91.8	-68.3	-44.9
RCP8.5	-80.0	-55.0	-30.0

RCP8.5+W.Ant at 2100: 13.3 cm

Eureka, NU (EUR2)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-9.8	-6.8	-3.7
2010	-15.3	-8.6	-1.9
2020	-18.4	-11.7	-5.0
2030	-25.7	-16.0	-6.2
2040	-32.6	-20.2	-7.7
2050	-39.1	-24.2	-9.2
2060	-48.6	-30.7	-12.8
2070	-56.4	-35.1	-13.8
2080	-65.7	-41.3	-16.9
2090	-73.7	-46.6	-19.5
2100	-82.7	-52.9	-23.1

RCP4.5			
year	5%	median	95%
2007	-12.3	-7.7	-3.1
2010	-13.0	-8.1	-3.3
2020	-19.9	-11.4	-3.0
2030	-26.5	-15.8	-5.0
2040	-32.8	-20.5	-8.1
2050	-38.6	-23.8	-8.9
2060	-49.3	-29.3	-9.3
2070	-57.1	-33.4	-9.6
2080	-66.7	-39.6	-12.5
2090	-77.6	-46.3	-15.0
2100	-89.4	-52.6	-15.8

RCP8.5			
year	5%	median	95%
2007	-12.1	-6.3	-0.5
2010	-13.4	-8.0	-2.6
2020	-19.4	-11.7	-3.9
2030	-25.1	-14.2	-3.3
2040	-32.0	-18.8	-5.7
2050	-39.5	-21.8	-4.2
2060	-51.7	-28.5	-5.2
2070	-60.7	-31.9	-3.2
2080	-73.2	-37.8	-2.4
2090	-89.4	-44.8	-0.2
2100	-109.9	-52.9	4.0

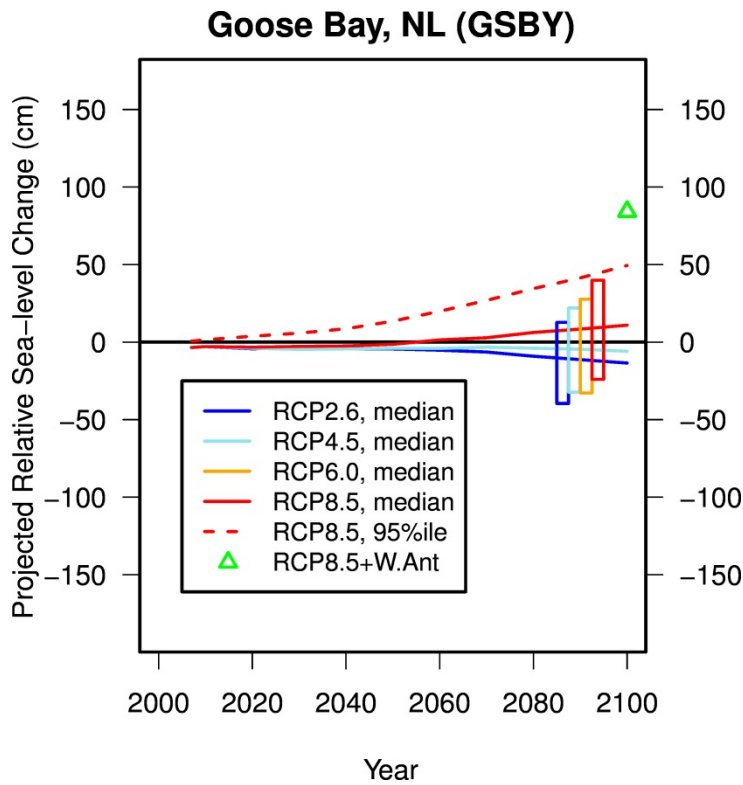
Figure 52. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-71.6	-47.3	-22.9
RCP4.5	-77.7	-45.7	-13.7
RCP6.0	-78.7	-45.5	-12.3
RCP8.5	-91.1	-45.5	0.0

RCP8.5+W.Ant at 2100: 17.7 cm

Goose Bay, NL (GSBY)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-7.4	-3.7	0.1
2010	-7.6	-2.9	1.8
2020	-8.1	-4.3	-0.5
2030	-10.2	-3.6	2.9
2040	-15.5	-4.2	7.1
2050	-19.1	-4.4	10.4
2060	-23.6	-5.2	13.2
2070	-28.4	-6.4	15.6
2080	-33.4	-9.1	15.3
2090	-38.0	-11.3	15.4
2100	-44.2	-13.5	17.3

RCP4.5			
year	5%	median	95%
2007	-7.5	-3.8	0.0
2010	-6.8	-2.9	1.0
2020	-10.5	-4.0	2.5
2030	-13.2	-4.7	3.7
2040	-15.0	-4.4	6.1
2050	-16.9	-4.0	8.9
2060	-20.0	-4.1	11.9
2070	-23.2	-3.3	16.6
2080	-26.4	-3.9	18.6
2090	-31.6	-4.6	22.3
2100	-36.1	-5.9	24.3

RCP8.5			
year	5%	median	95%
2007	-7.6	-3.5	0.6
2010	-7.4	-2.9	1.5
2020	-10.4	-3.3	3.8
2030	-11.3	-2.8	5.8
2040	-13.7	-2.5	8.6
2050	-16.4	-1.4	13.5
2060	-17.1	1.4	19.9
2070	-21.3	2.8	26.9
2080	-22.2	6.2	34.5
2090	-24.5	8.4	41.4
2100	-27.6	10.9	49.4

Figure 53. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

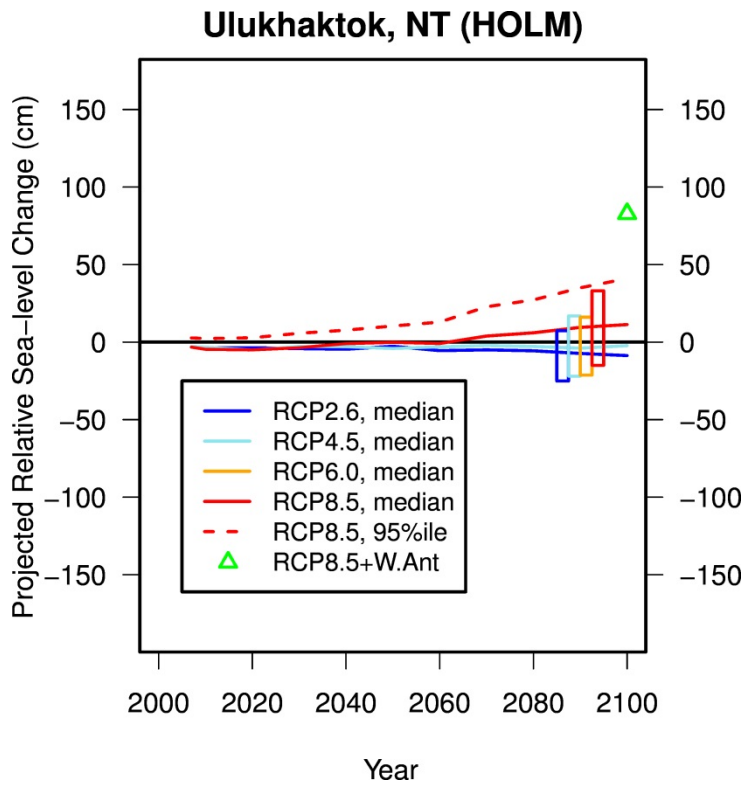
Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-39.6	-13.4	12.7
RCP4.5	-32.4	-5.2	22.0
RCP6.0	-32.8	-2.5	27.7
RCP8.5	-24.0	7.9	39.9

RCP8.5+W.Ant at 2100: 84.2 cm



Ulukhaktok, NT (HOLM)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-6.1	-3.1	-0.1
2010	-8.7	-3.8	1.1
2020	-9.1	-3.6	1.9
2030	-9.8	-4.2	1.3
2040	-10.3	-4.6	1.2
2050	-12.1	-2.7	6.7
2060	-16.9	-5.5	6.0
2070	-17.7	-5.0	7.7
2080	-20.8	-5.6	9.6
2090	-26.4	-7.3	11.9
2100	-29.9	-8.7	12.4

RCP4.5			
year	5%	median	95%
2007	-7.6	-2.9	1.9
2010	-8.2	-3.3	1.6
2020	-12.0	-5.1	1.8
2030	-10.9	-2.8	5.2
2040	-10.1	-3.0	4.2
2050	-12.1	-4.1	4.0
2060	-15.5	-3.1	9.3
2070	-16.6	-2.2	12.3
2080	-19.4	-2.8	13.8
2090	-22.7	-3.9	14.9
2100	-24.7	-2.3	20.1

RCP8.5			
year	5%	median	95%
2007	-9.1	-3.2	2.7
2010	-11.4	-4.6	2.3
2020	-12.8	-5.0	2.8
2030	-13.0	-3.6	5.7
2040	-9.6	-1.0	7.7
2050	-10.5	-0.1	10.4
2060	-14.6	-0.9	12.9
2070	-15.0	3.9	22.8
2080	-15.3	6.0	27.2
2090	-16.0	9.5	35.0
2100	-18.3	11.3	41.0

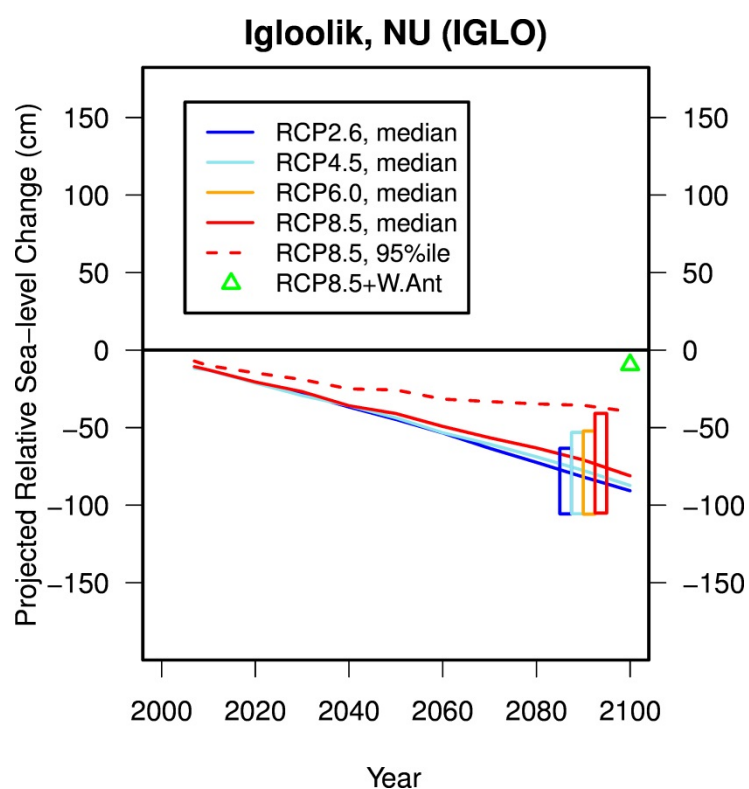
Figure 54. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-25.1	-8.9	7.3
RCP4.5	-22.0	-2.6	16.9
RCP6.0	-21.3	-2.6	16.1
RCP8.5	-15.0	9.0	33.1

RCP8.5+W.Ant at 2100: 82.8 cm

Igloolik, NU (IGLO)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-13.3	-11.5	-9.7
2010	-16.1	-12.9	-9.7
2020	-24.6	-21.1	-17.5
2030	-32.4	-28.1	-23.8
2040	-45.7	-36.7	-27.7
2050	-56.3	-44.7	-33.1
2060	-67.0	-53.4	-39.9
2070	-80.6	-63.3	-45.9
2080	-93.6	-72.4	-51.3
2090	-106.6	-81.8	-57.0
2100	-119.4	-90.7	-62.0

RCP4.5			
year	5%	median	95%
2007	-13.5	-11.7	-9.8
2010	-16.3	-12.9	-9.6
2020	-24.6	-21.2	-17.7
2030	-35.3	-29.3	-23.3
2040	-45.0	-35.9	-26.8
2050	-53.8	-43.7	-33.6
2060	-66.6	-53.3	-39.9
2070	-78.7	-60.6	-42.4
2080	-89.9	-68.8	-47.7
2090	-102.9	-77.6	-52.3
2100	-117.1	-87.3	-57.6

RCP8.5			
year	5%	median	95%
2007	-14.4	-10.7	-7.1
2010	-15.6	-12.8	-10.0
2020	-26.6	-20.6	-14.7
2030	-34.6	-26.8	-19.0
2040	-46.7	-35.9	-25.0
2050	-56.0	-40.9	-25.7
2060	-66.8	-49.2	-31.6
2070	-79.7	-56.5	-33.2
2080	-91.5	-63.1	-34.7
2090	-105.9	-70.8	-35.6
2100	-122.6	-81.1	-39.7

Figure 55. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

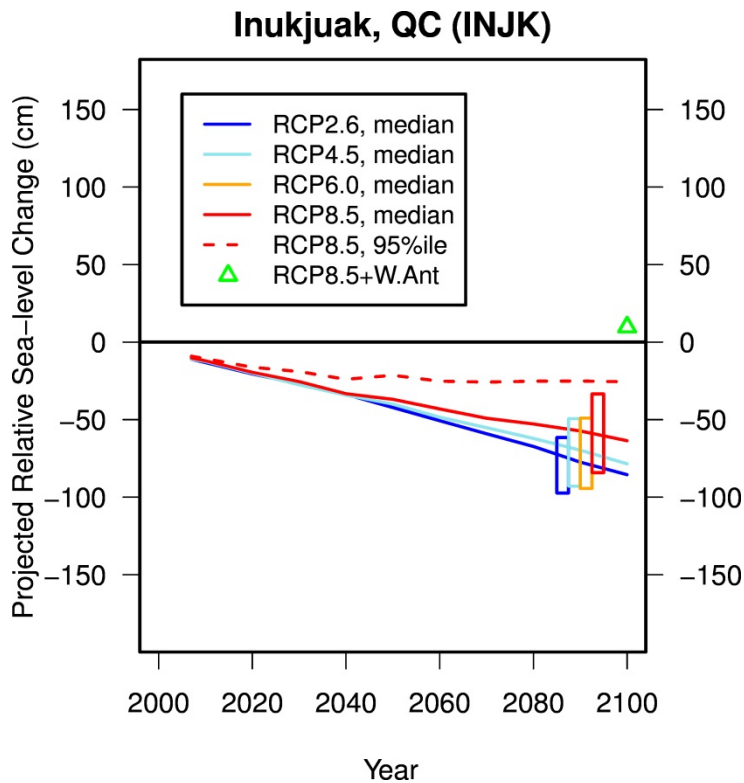
Average Projected Sea-level Change, 2081-2100

scenario	5%	median	95%
RCP2.6	-105.6	-84.4	-63.3
RCP4.5	-105.5	-79.3	-53.1
RCP6.0	-105.8	-79.0	-52.2
RCP8.5	-105.1	-72.9	-40.8

RCP8.5+W.Ant at 2100: -9.4 cm

Inukjuak, QC (INJK)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-12.2	-11.1	-10.0
2010	-14.6	-13.2	-11.8
2020	-22.8	-20.5	-18.2
2030	-30.1	-26.9	-23.7
2040	-37.8	-33.7	-29.6
2050	-47.2	-42.2	-37.2
2060	-56.6	-50.7	-44.8
2070	-66.0	-59.1	-52.3
2080	-77.3	-67.3	-57.3
2090	-89.9	-77.4	-64.9
2100	-101.3	-85.5	-69.7

RCP4.5			
year	5%	median	95%
2007	-12.2	-11.1	-9.9
2010	-14.0	-12.6	-11.2
2020	-22.4	-20.1	-17.8
2030	-30.7	-27.5	-24.4
2040	-38.3	-34.2	-30.1
2050	-45.0	-40.0	-35.0
2060	-54.3	-48.4	-42.5
2070	-62.0	-55.2	-48.4
2080	-70.9	-62.1	-53.2
2090	-83.5	-69.7	-55.9
2100	-96.1	-78.5	-60.9

RCP8.5			
year	5%	median	95%
2007	-11.4	-10.3	-9.1
2010	-13.5	-12.1	-10.7
2020	-22.7	-19.5	-16.2
2030	-31.9	-25.5	-19.0
2040	-42.7	-33.3	-24.0
2050	-52.4	-36.9	-21.4
2060	-61.0	-43.1	-25.2
2070	-72.5	-49.1	-25.8
2080	-80.3	-52.8	-25.2
2090	-89.5	-57.3	-25.1
2100	-101.5	-63.6	-25.6

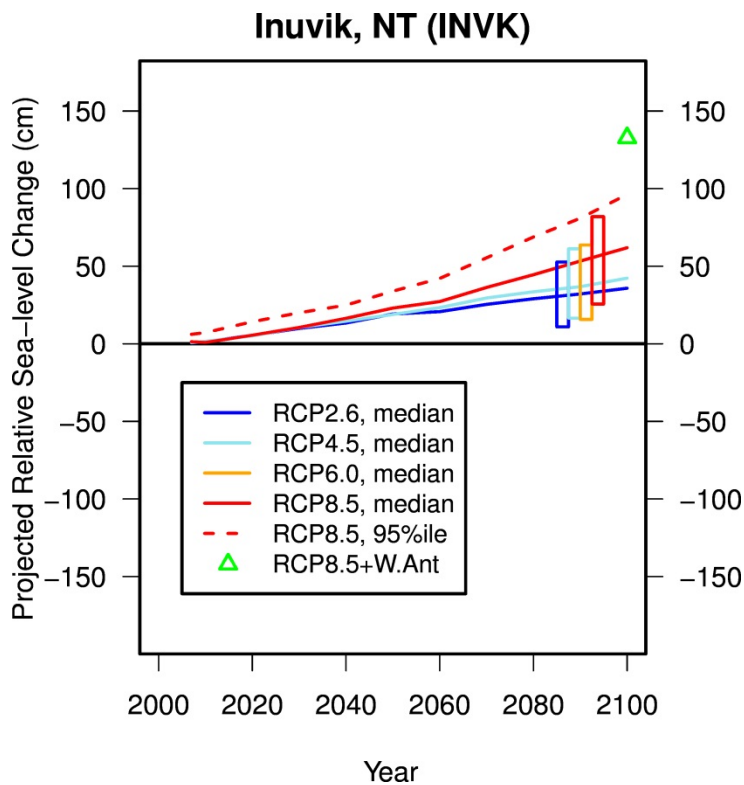
Figure 56. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-97.3	-79.4	-61.5
RCP4.5	-92.9	-71.2	-49.4
RCP6.0	-94.4	-71.7	-49.0
RCP8.5	-84.2	-58.8	-33.4

RCP8.5+W.Ant at 2100: 9.7 cm

Inuvik, NT (INVK)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-3.3	0.6	4.5
2010	-4.0	1.4	6.8
2020	-1.0	5.4	11.8
2030	4.0	9.9	15.7
2040	5.1	13.4	21.8
2050	8.8	19.2	29.6
2060	8.1	20.7	33.3
2070	10.2	25.4	40.6
2080	11.1	29.0	46.8
2090	12.3	32.1	51.9
2100	12.3	35.8	59.2

RCP4.5			
year	5%	median	95%
2007	-5.5	0.7	7.0
2010	-5.1	1.6	8.4
2020	-2.1	5.1	12.3
2030	2.0	10.4	18.8
2040	5.9	14.5	23.0
2050	9.2	18.9	28.7
2060	9.9	23.3	36.7
2070	13.0	29.5	46.0
2080	13.4	33.5	53.6
2090	14.8	36.8	58.7
2100	15.8	42.3	68.8

RCP8.5			
year	5%	median	95%
2007	-3.5	1.3	6.1
2010	-5.3	0.9	7.2
2020	-3.1	5.5	14.2
2030	1.0	10.5	20.0
2040	7.9	16.4	24.9
2050	12.1	23.0	33.9
2060	12.3	27.2	42.1
2070	17.2	36.3	55.4
2080	20.2	44.5	68.8
2090	25.8	53.3	80.9
2100	27.6	61.9	96.2

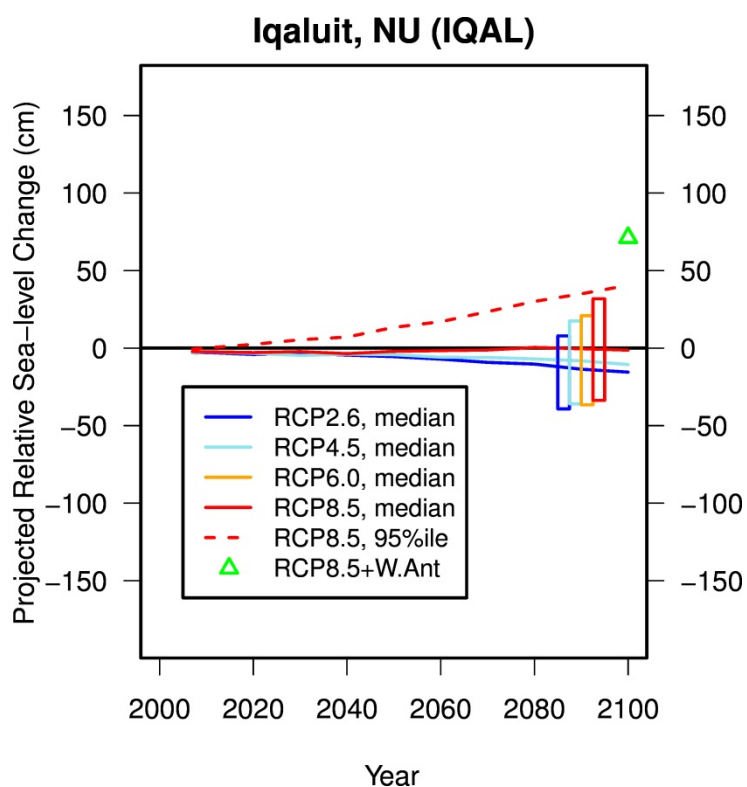
Figure 57. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	10.9	31.8	52.7
RCP4.5	16.5	38.9	61.2
RCP6.0	15.7	39.7	63.7
RCP8.5	25.6	53.7	81.9

RCP8.5+W.Ant at 2100: 132.7 cm

Iqaluit, NU (IQAL)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-4.6	-3.1	-1.6
2010	-5.8	-2.8	0.2
2020	-6.6	-4.1	-1.6
2030	-6.9	-3.3	0.3
2040	-14.2	-4.5	5.1
2050	-16.9	-5.5	5.8
2060	-22.0	-7.1	7.8
2070	-27.3	-9.2	8.9
2080	-31.9	-10.3	11.2
2090	-37.8	-13.6	10.6
2100	-43.0	-15.5	12.0

RCP4.5			
year	5%	median	95%
2007	-4.3	-3.1	-1.8
2010	-4.7	-2.5	-0.3
2020	-6.8	-3.4	0.0
2030	-10.0	-4.7	0.6
2040	-12.3	-4.0	4.3
2050	-14.8	-4.3	6.2
2060	-19.9	-5.9	8.1
2070	-24.0	-6.0	12.0
2080	-27.8	-7.0	13.8
2090	-33.4	-8.2	17.0
2100	-40.2	-10.6	19.0

RCP8.5			
year	5%	median	95%
2007	-4.0	-2.3	-0.6
2010	-5.0	-2.4	0.1
2020	-8.3	-2.9	2.4
2030	-10.1	-2.3	5.4
2040	-14.3	-3.6	7.1
2050	-17.6	-2.1	13.4
2060	-20.2	-1.6	17.0
2070	-25.9	-1.2	23.5
2080	-29.4	0.4	30.1
2090	-35.7	-0.4	35.0
2100	-43.1	-1.3	40.5

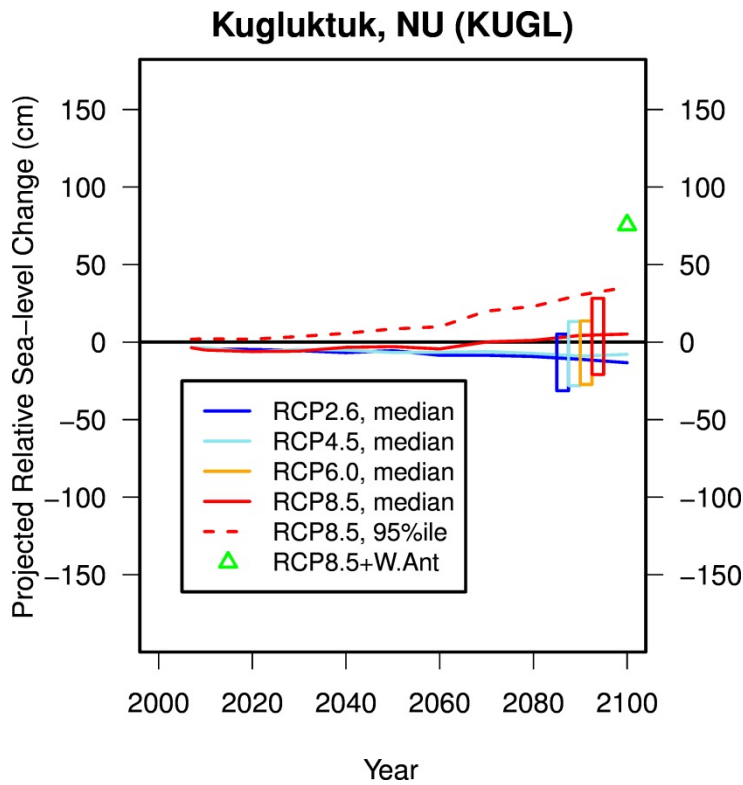
Figure 58. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-39.2	-15.7	7.9
RCP4.5	-36.0	-9.2	17.5
RCP6.0	-36.6	-7.8	20.9
RCP8.5	-33.7	-1.0	31.8

RCP8.5+W.Ant at 2100: 71.2 cm

Kugluktuk, NU (KUGL)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-7.1	-3.5	0.1
2010	-9.4	-4.5	0.5
2020	-10.8	-4.7	1.4
2030	-11.7	-5.5	0.6
2040	-13.7	-6.8	0.1
2050	-15.9	-5.5	5.0
2060	-21.3	-8.5	4.2
2070	-22.8	-8.5	5.8
2080	-26.1	-9.3	7.5
2090	-31.9	-11.1	9.8
2100	-36.3	-13.3	9.7

RCP4.5			
year	5%	median	95%
2007	-8.4	-3.4	1.6
2010	-8.4	-3.8	0.9
2020	-13.5	-6.3	0.9
2030	-12.6	-4.7	3.2
2040	-12.9	-5.2	2.5
2050	-16.0	-6.7	2.7
2060	-20.0	-6.6	6.8
2070	-21.5	-6.1	9.3
2080	-25.0	-7.3	10.5
2090	-28.8	-9.0	10.9
2100	-31.4	-7.9	15.6

RCP8.5			
year	5%	median	95%
2007	-9.2	-3.6	1.9
2010	-12.3	-5.1	2.1
2020	-14.1	-6.1	1.9
2030	-15.2	-5.8	3.6
2040	-12.5	-3.4	5.7
2050	-14.3	-2.9	8.5
2060	-18.7	-4.4	9.9
2070	-19.8	0.1	20.0
2080	-20.8	1.1	23.0
2090	-21.7	4.3	30.4
2100	-25.0	5.2	35.4

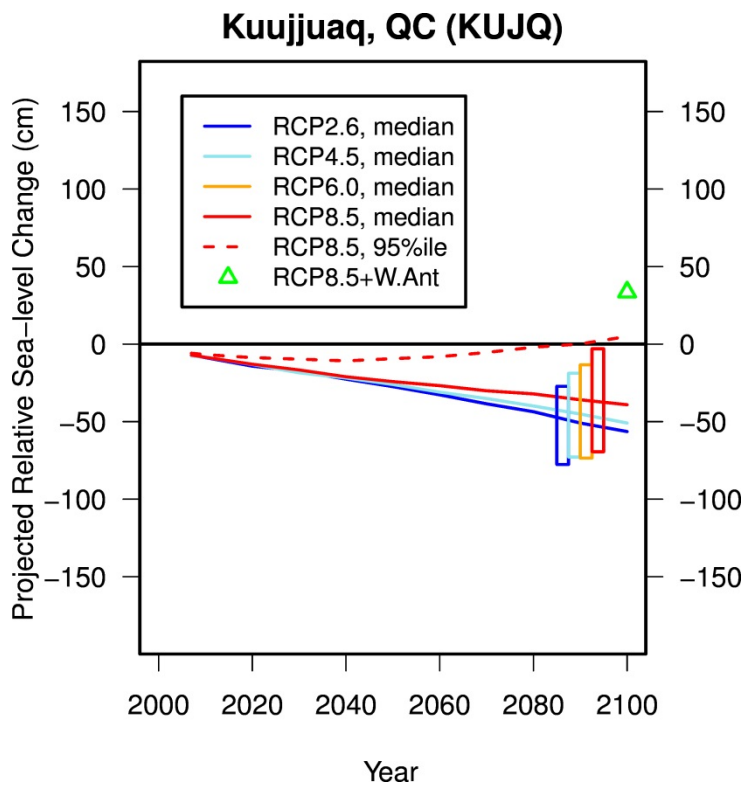
Figure 59. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-31.4	-13.1	5.2
RCP4.5	-28.1	-7.4	13.3
RCP6.0	-27.3	-6.8	13.6
RCP8.5	-20.9	3.7	28.2

RCP8.5+W.Ant at 2100: 75.6 cm

Kuujjuaq, QC (KUJQ)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-8.5	-7.3	-6.1
2010	-10.4	-8.7	-7.0
2020	-16.5	-14.2	-11.9
2030	-20.6	-17.4	-14.2
2040	-28.6	-22.6	-16.6
2050	-36.7	-27.4	-18.0
2060	-45.9	-32.7	-19.6
2070	-55.0	-38.5	-21.9
2080	-63.3	-43.6	-23.9
2090	-74.1	-50.9	-27.6
2100	-83.9	-56.4	-28.9

RCP4.5			
year	5%	median	95%
2007	-8.9	-7.7	-6.6
2010	-10.3	-8.5	-6.8
2020	-15.7	-13.2	-10.8
2030	-22.1	-18.5	-14.9
2040	-27.8	-21.9	-16.0
2050	-34.6	-26.1	-17.5
2060	-43.2	-31.0	-18.8
2070	-51.7	-35.1	-18.5
2080	-59.9	-39.9	-19.9
2090	-69.2	-45.1	-21.0
2100	-79.7	-50.9	-22.1

RCP8.5			
year	5%	median	95%
2007	-8.3	-7.1	-5.9
2010	-10.2	-8.5	-6.8
2020	-17.3	-13.0	-8.7
2030	-23.6	-16.7	-9.7
2040	-31.4	-21.1	-10.8
2050	-39.0	-24.2	-9.4
2060	-45.5	-26.8	-8.1
2070	-54.8	-30.1	-5.4
2080	-62.1	-32.1	-2.0
2090	-71.9	-35.9	0.1
2100	-83.0	-39.1	4.9

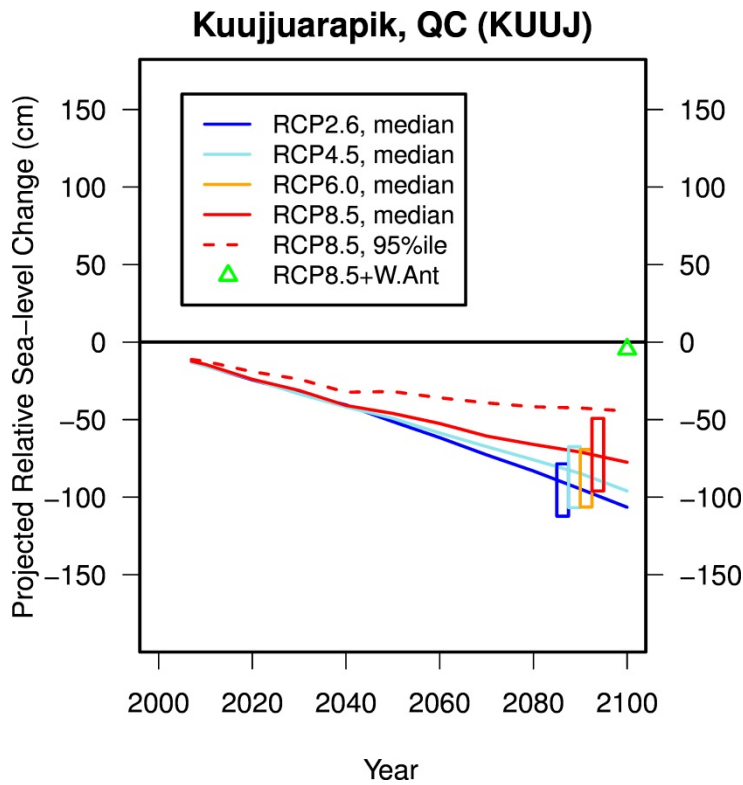
Figure 60. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-77.6	-52.4	-27.2
RCP4.5	-72.9	-45.9	-18.8
RCP6.0	-73.5	-43.5	-13.4
RCP8.5	-69.4	-36.2	-3.0

RCP8.5+W.Ant at 2100: 33.5 cm

Kuujuarapik, QC (KUUJ)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-14.0	-12.9	-11.9
2010	-16.7	-15.4	-14.1
2020	-26.5	-24.4	-22.3
2030	-35.7	-32.8	-29.9
2040	-44.3	-40.5	-36.8
2050	-55.9	-51.3	-46.8
2060	-67.0	-61.6	-56.2
2070	-79.0	-72.7	-66.5
2080	-90.5	-83.1	-75.8
2090	-104.6	-94.7	-84.8
2100	-116.3	-106.5	-96.7

RCP4.5			
year	5%	median	95%
2007	-14.0	-12.9	-11.9
2010	-16.8	-15.5	-14.2
2020	-26.2	-24.1	-22.0
2030	-36.3	-33.4	-30.5
2040	-45.5	-41.8	-38.0
2050	-53.8	-49.2	-44.6
2060	-64.5	-58.6	-52.8
2070	-77.3	-67.4	-57.6
2080	-86.2	-75.9	-65.5
2090	-99.7	-84.7	-69.7
2100	-112.8	-96.0	-79.3

RCP8.5			
year	5%	median	95%
2007	-13.4	-12.3	-11.2
2010	-16.5	-14.4	-12.4
2020	-28.9	-24.0	-19.1
2030	-38.5	-31.2	-23.9
2040	-49.5	-40.9	-32.3
2050	-60.1	-46.0	-31.9
2060	-69.1	-52.5	-35.9
2070	-82.0	-60.6	-39.2
2080	-90.3	-66.0	-41.7
2090	-99.4	-70.9	-42.5
2100	-110.5	-77.5	-44.5

Figure 61. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

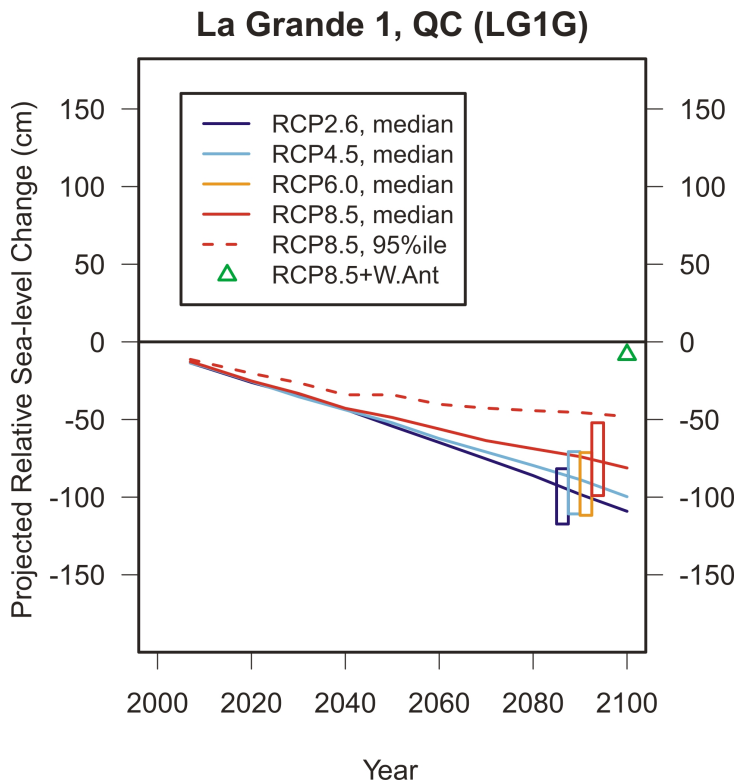
Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-112.3	-95.4	-78.5
RCP4.5	-106.8	-87.1	-67.5
RCP6.0	-106.3	-87.8	-69.3
RCP8.5	-96.0	-72.6	-49.2

RCP8.5+W.Ant at 2100: -4.6 cm



La Grande 1, QC (LG1G)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-14.8	-13.6	-12.4
2010	-17.9	-16.4	-14.9
2020	-28.4	-26.1	-23.8
2030	-37.5	-34.3	-31.0
2040	-47.8	-43.5	-39.1
2050	-59.5	-54.3	-49.1
2060	-70.9	-64.8	-58.7
2070	-83.0	-75.4	-67.8
2080	-97.2	-86.1	-75.0
2090	-110.9	-98.2	-85.5
2100	-124.3	-109.1	-93.8

RCP4.5			
year	5%	median	95%
2007	-14.8	-13.6	-12.4
2010	-17.4	-16.0	-14.6
2020	-27.8	-25.5	-23.1
2030	-38.7	-35.3	-31.8
2040	-48.0	-43.8	-39.7
2050	-57.4	-52.1	-46.8
2060	-69.0	-62.3	-55.5
2070	-80.9	-70.9	-61.0
2080	-90.3	-79.6	-68.9
2090	-103.9	-88.7	-73.6
2100	-118.1	-99.7	-81.4

RCP8.5			
year	5%	median	95%
2007	-14.3	-12.8	-11.3
2010	-17.5	-15.5	-13.4
2020	-30.0	-25.2	-20.3
2030	-40.0	-33.2	-26.3
2040	-51.5	-42.8	-34.1
2050	-63.3	-48.7	-34.1
2060	-72.1	-56.1	-40.2
2070	-84.4	-63.6	-42.7
2080	-93.2	-68.8	-44.3
2090	-102.4	-73.9	-45.5
2100	-114.3	-81.2	-48.1

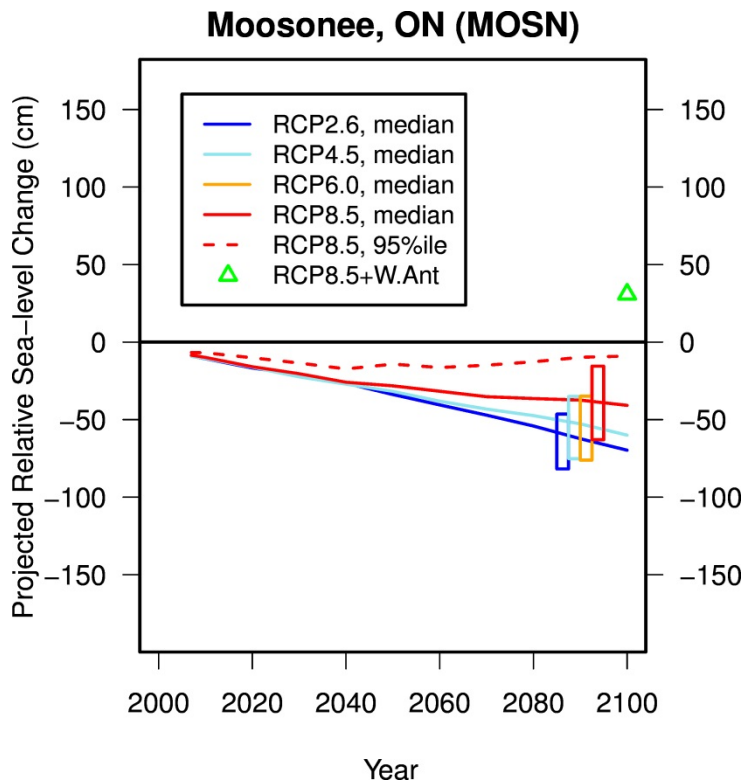
Figure 62. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5+W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-117.3	-99.5	-81.7
RCP4.5	-110.8	-90.8	-70.7
RCP6.0	-111.7	-91.5	-71.3
RCP8.5	-99.0	-75.6	-52.1

RCP8.5+W.Ant at 2100: -8.2 cm

Moosonee, ON (MOSN)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-10.4	-9.1	-7.8
2010	-12.5	-10.7	-8.9
2020	-18.9	-16.7	-14.5
2030	-24.1	-21.0	-18.0
2040	-31.5	-26.5	-21.5
2050	-40.2	-33.8	-27.5
2060	-47.6	-40.5	-33.4
2070	-56.9	-47.1	-37.2
2080	-67.8	-54.1	-40.5
2090	-78.2	-62.3	-46.5
2100	-87.6	-69.7	-51.9

RCP4.5			
year	5%	median	95%
2007	-10.5	-9.2	-7.9
2010	-12.0	-10.6	-9.2
2020	-18.5	-16.2	-13.9
2030	-26.5	-22.4	-18.3
2040	-31.3	-27.1	-22.8
2050	-37.6	-31.8	-26.0
2060	-46.6	-38.1	-29.7
2070	-55.8	-43.2	-30.5
2080	-60.6	-47.4	-34.3
2090	-69.9	-52.7	-35.6
2100	-80.4	-60.0	-39.7

RCP8.5			
year	5%	median	95%
2007	-10.2	-8.5	-6.7
2010	-12.9	-9.9	-6.9
2020	-21.7	-15.9	-10.1
2030	-27.3	-20.4	-13.5
2040	-34.6	-25.9	-17.3
2050	-42.2	-28.2	-14.2
2060	-47.0	-31.7	-16.4
2070	-55.5	-35.2	-14.9
2080	-60.1	-36.4	-12.7
2090	-64.9	-37.4	-9.8
2100	-72.7	-40.8	-9.0

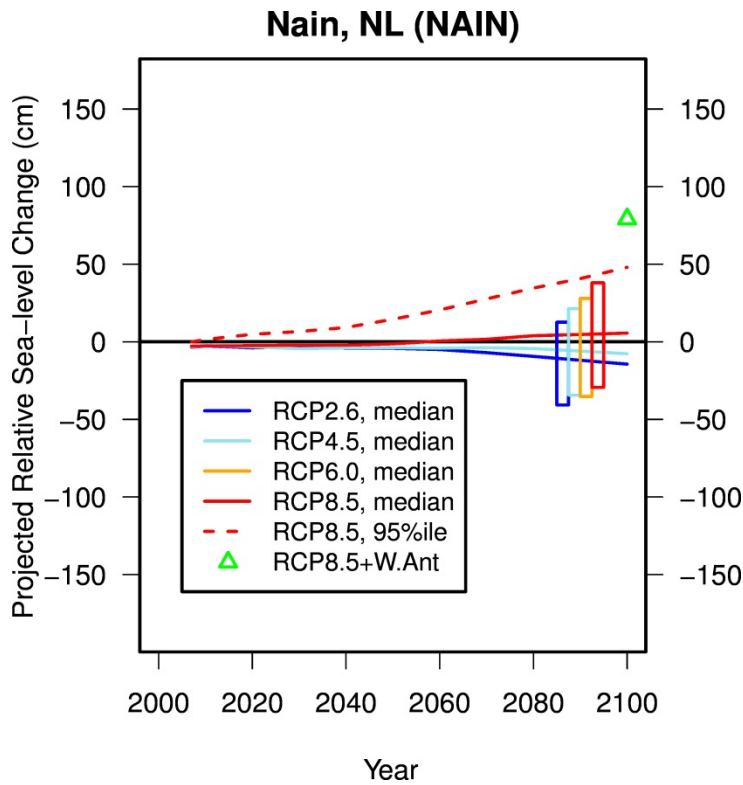
Figure 63. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-81.8	-64.1	-46.4
RCP4.5	-75.2	-55.2	-35.1
RCP6.0	-76.1	-55.5	-34.9
RCP8.5	-63.0	-39.3	-15.5

RCP8.5+W.Ant at 2100: 30.9 cm

Nain, NL (NAIN)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.8	-3.6	-1.4
2010	-7.3	-2.6	2.1
2020	-6.3	-3.9	-1.5
2030	-8.1	-3.1	2.0
2040	-14.9	-4.1	6.6
2050	-18.7	-4.2	10.2
2060	-23.2	-5.0	13.2
2070	-28.7	-7.0	14.7
2080	-33.9	-9.4	15.2
2090	-38.6	-11.9	14.8
2100	-45.6	-14.4	16.9

RCP4.5			
year	5%	median	95%
2007	-6.3	-3.5	-0.6
2010	-5.0	-2.4	0.2
2020	-8.6	-3.3	2.1
2030	-11.2	-4.4	2.4
2040	-13.4	-4.0	5.4
2050	-16.2	-3.9	8.4
2060	-19.2	-4.1	10.9
2070	-23.3	-3.8	15.8
2080	-26.4	-4.4	17.5
2090	-32.9	-6.0	20.9
2100	-38.2	-7.7	22.8

RCP8.5			
year	5%	median	95%
2007	-5.7	-2.9	-0.1
2010	-6.8	-2.6	1.5
2020	-9.9	-2.5	4.8
2030	-11.0	-2.2	6.6
2040	-13.6	-2.2	9.2
2050	-17.2	-1.3	14.5
2060	-19.5	0.5	20.5
2070	-24.4	1.6	27.6
2080	-26.9	3.9	34.6
2090	-31.2	4.7	40.7
2100	-36.7	5.6	48.0

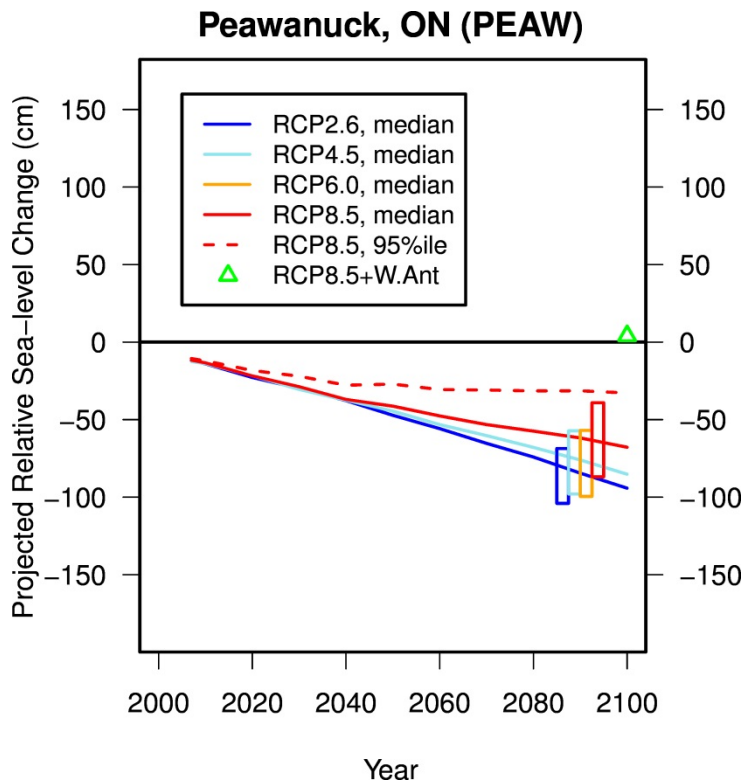
Figure 64. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-40.7	-14.0	12.6
RCP4.5	-34.4	-6.5	21.4
RCP6.0	-35.2	-3.7	27.9
RCP8.5	-29.4	4.3	38.0

RCP8.5+W.Ant at 2100: 79.1 cm

Peawanuck, ON (PEAW)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-13.2	-12.1	-11.1
2010	-15.3	-14.0	-12.7
2020	-25.0	-22.8	-20.6
2030	-32.8	-29.8	-26.8
2040	-41.6	-37.7	-33.9
2050	-51.9	-47.2	-42.5
2060	-61.4	-55.8	-50.2
2070	-71.7	-65.3	-58.8
2080	-83.1	-74.1	-65.1
2090	-96.1	-84.5	-72.9
2100	-107.3	-94.2	-81.1

RCP4.5			
year	5%	median	95%
2007	-13.5	-12.5	-11.4
2010	-15.2	-13.9	-12.6
2020	-23.9	-21.7	-19.5
2030	-33.5	-30.5	-27.5
2040	-41.3	-37.5	-33.6
2050	-49.2	-44.5	-39.7
2060	-58.9	-53.2	-47.6
2070	-67.4	-60.3	-53.1
2080	-75.8	-67.9	-59.9
2090	-88.9	-76.0	-63.0
2100	-101.8	-85.2	-68.7

RCP8.5			
year	5%	median	95%
2007	-12.8	-11.7	-10.6
2010	-14.8	-13.4	-12.1
2020	-25.4	-21.8	-18.3
2030	-35.7	-28.8	-22.0
2040	-46.2	-37.0	-27.8
2050	-55.5	-41.3	-27.1
2060	-64.7	-47.6	-30.6
2070	-75.5	-53.2	-30.9
2080	-83.2	-57.4	-31.5
2090	-92.2	-61.8	-31.4
2100	-102.9	-67.8	-32.8

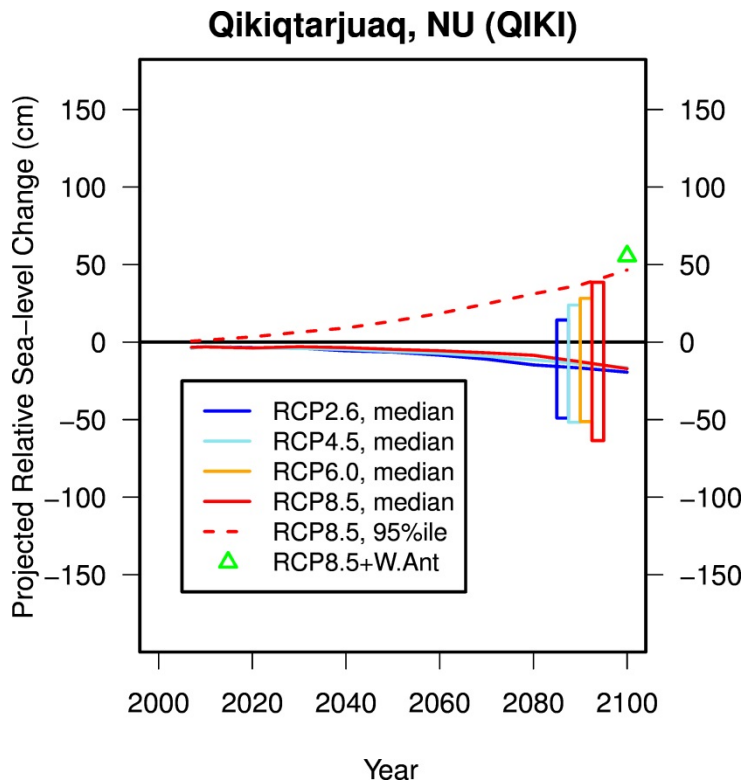
Figure 65. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-104.0	-86.3	-68.6
RCP4.5	-98.0	-77.6	-57.2
RCP6.0	-99.5	-78.2	-56.9
RCP8.5	-86.9	-63.0	-39.1

RCP8.5+W.Ant at 2100: 4.0 cm

Qikiqtarjuaq, NU (QIKI)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-7.6	-3.5	0.6
2010	-7.3	-2.8	1.6
2020	-8.5	-3.6	1.2
2030	-13.3	-3.9	5.5
2040	-20.0	-5.6	8.8
2050	-23.7	-6.4	10.8
2060	-31.3	-8.4	14.5
2070	-38.2	-11.0	16.2
2080	-44.7	-14.7	15.2
2090	-50.6	-16.7	17.3
2100	-58.1	-19.4	19.4

RCP4.5			
year	5%	median	95%
2007	-7.9	-4.1	-0.2
2010	-7.1	-2.5	2.1
2020	-11.2	-3.9	3.4
2030	-14.7	-4.1	6.5
2040	-17.8	-4.8	8.3
2050	-21.3	-6.1	9.2
2060	-28.1	-7.3	13.4
2070	-35.9	-9.1	17.7
2080	-43.0	-11.4	20.1
2090	-51.1	-13.8	23.6
2100	-59.9	-16.5	27.0

RCP8.5			
year	5%	median	95%
2007	-7.4	-3.4	0.6
2010	-7.4	-3.1	1.2
2020	-11.0	-3.8	3.4
2030	-12.4	-3.0	6.4
2040	-16.3	-3.6	9.1
2050	-22.8	-4.7	13.5
2060	-29.7	-5.6	18.5
2070	-38.5	-6.9	24.7
2080	-48.2	-8.5	31.1
2090	-62.2	-12.7	36.8
2100	-80.7	-17.1	46.5

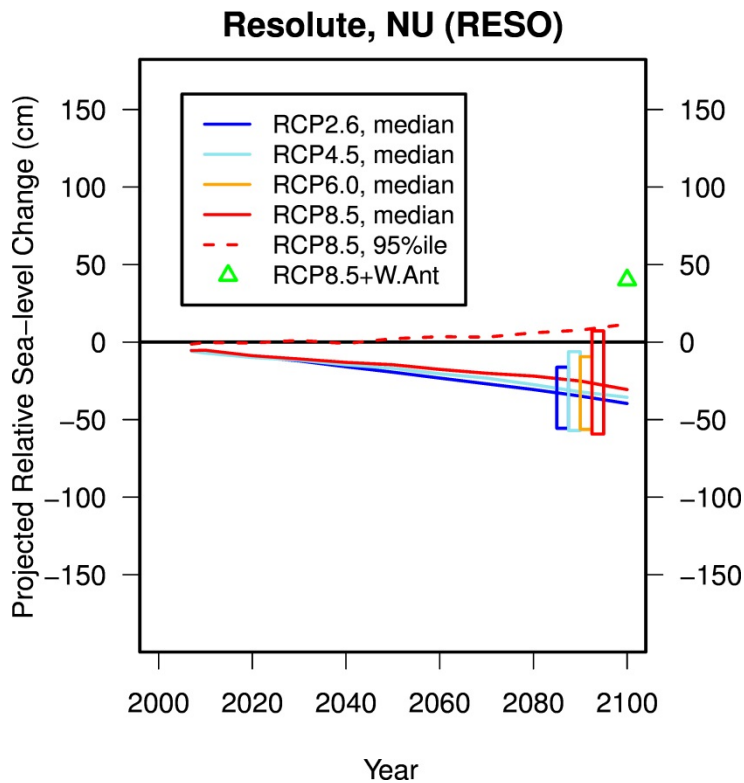
Figure 66. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-49.0	-17.3	14.3
RCP4.5	-51.7	-13.9	23.9
RCP6.0	-51.3	-11.5	28.2
RCP8.5	-63.5	-12.4	38.6

RCP8.5+W.Ant at 2100: 55.5 cm

Resolute, NU (RESO)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-10.7	-5.4	-0.2
2010	-12.5	-6.9	-1.3
2020	-14.4	-9.3	-4.3
2030	-20.9	-12.1	-3.2
2040	-25.5	-15.9	-6.3
2050	-31.7	-19.4	-7.1
2060	-36.6	-23.2	-9.8
2070	-42.3	-26.9	-11.5
2080	-49.0	-30.6	-12.1
2090	-55.0	-34.8	-14.6
2100	-63.8	-39.6	-15.3

RCP4.5			
year	5%	median	95%
2007	-10.7	-5.9	-1.0
2010	-13.0	-7.1	-1.2
2020	-17.6	-9.9	-2.1
2030	-20.4	-11.7	-3.1
2040	-27.6	-14.7	-1.8
2050	-30.0	-16.9	-3.9
2060	-39.2	-20.4	-1.6
2070	-45.0	-23.2	-1.4
2080	-49.7	-27.4	-5.2
2090	-57.7	-32.1	-6.4
2100	-64.3	-35.6	-6.9

RCP8.5			
year	5%	median	95%
2007	-9.7	-5.5	-1.3
2010	-10.4	-5.3	-0.2
2020	-17.1	-8.8	-0.6
2030	-22.8	-10.9	1.1
2040	-25.3	-13.1	-0.9
2050	-31.5	-14.6	2.2
2060	-38.8	-17.6	3.5
2070	-43.4	-20.1	3.2
2080	-49.8	-21.9	6.0
2090	-57.9	-25.1	7.7
2100	-72.8	-30.6	11.6

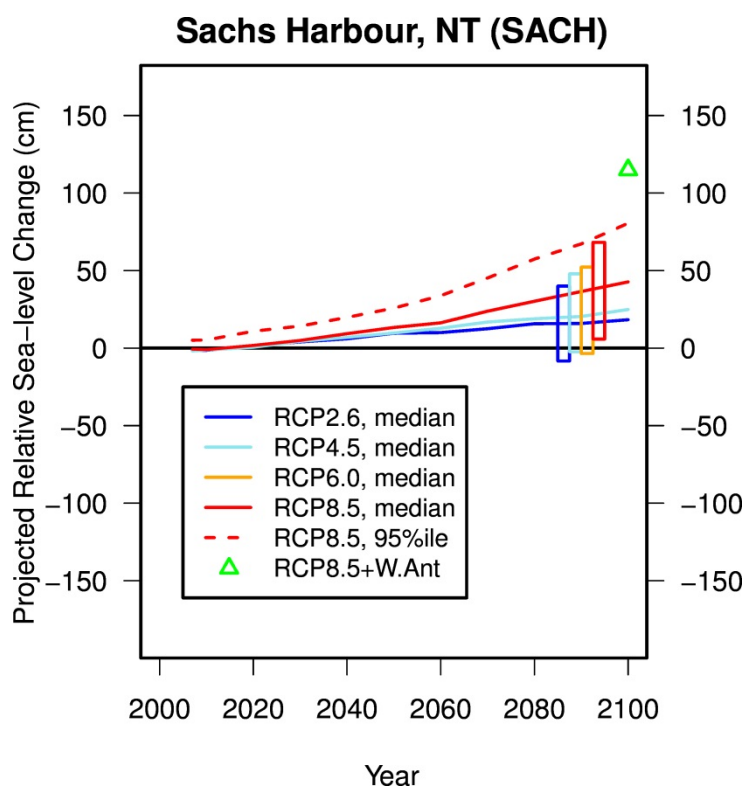
Figure 67. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-55.6	-35.9	-16.2
RCP4.5	-57.0	-31.6	-6.2
RCP6.0	-56.3	-32.8	-9.4
RCP8.5	-59.3	-26.0	7.2

RCP8.5+W.Ant at 2100: 40.1 cm

Sachs Harbour, NT (SACH)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-5.7	-1.5	2.6
2010	-6.3	-1.4	3.4
2020	-4.4	1.4	7.2
2030	-2.9	4.0	11.0
2040	-2.9	6.0	14.9
2050	-2.1	9.6	21.2
2060	-5.6	10.0	25.6
2070	-4.9	12.5	29.8
2080	-4.8	15.7	36.1
2090	-6.6	15.9	38.4
2100	-8.5	18.3	45.1

RCP4.5			
year	5%	median	95%
2007	-9.6	-1.8	6.0
2010	-7.4	-1.2	5.1
2020	-8.0	0.5	9.1
2030	-4.4	4.3	13.1
2040	-2.5	6.9	16.4
2050	-0.9	9.7	20.3
2060	-2.5	12.8	28.0
2070	-2.5	16.8	36.1
2080	-3.6	18.9	41.4
2090	-4.3	20.4	45.1
2100	-5.2	24.9	54.9

RCP8.5			
year	5%	median	95%
2007	-6.4	-0.7	5.1
2010	-7.2	-1.0	5.2
2020	-7.5	1.7	10.9
2030	-4.5	4.9	14.2
2040	-1.2	9.3	19.8
2050	0.8	13.3	25.8
2060	-1.2	16.3	33.8
2070	2.4	23.8	45.2
2080	3.0	30.2	57.4
2090	5.8	36.5	67.2
2100	5.0	42.7	80.5

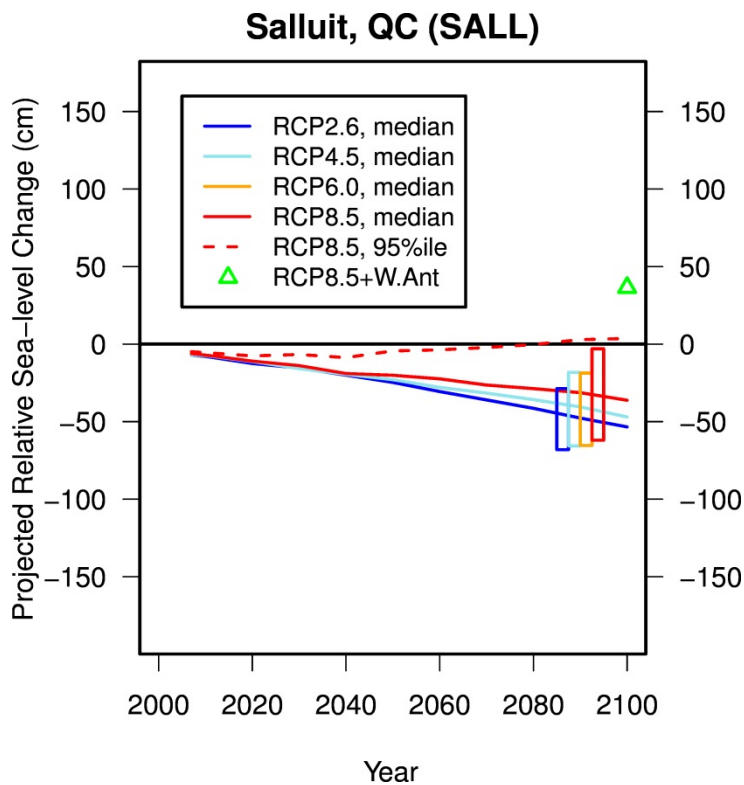
Figure 68. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-8.3	15.8	40.0
RCP4.5	-2.4	22.7	47.9
RCP6.0	-3.5	24.4	52.2
RCP8.5	5.8	37.0	68.2

RCP8.5+W.Ant at 2100: 114.9 cm

Salluit, QC (SALL)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-8.5	-7.2	-5.9
2010	-9.5	-7.9	-6.3
2020	-15.1	-12.5	-9.8
2030	-19.0	-15.4	-11.7
2040	-24.8	-20.0	-15.3
2050	-30.6	-24.7	-18.9
2060	-37.6	-30.6	-23.6
2070	-44.2	-36.0	-27.8
2080	-52.6	-41.4	-30.2
2090	-63.6	-47.7	-31.8
2100	-70.6	-53.4	-36.2

RCP4.5			
year	5%	median	95%
2007	-8.5	-7.2	-5.9
2010	-9.0	-7.4	-5.8
2020	-13.9	-11.3	-8.7
2030	-19.5	-15.8	-12.1
2040	-24.4	-19.6	-14.8
2050	-28.9	-23.0	-17.2
2060	-36.1	-27.9	-19.8
2070	-43.8	-31.6	-19.4
2080	-50.6	-35.8	-21.0
2090	-60.3	-40.5	-20.6
2100	-69.2	-47.0	-24.8

RCP8.5			
year	5%	median	95%
2007	-7.5	-6.2	-4.9
2010	-8.7	-7.1	-5.5
2020	-14.5	-11.0	-7.6
2030	-21.1	-13.9	-6.7
2040	-29.2	-19.0	-8.7
2050	-35.8	-20.1	-4.4
2060	-41.1	-22.4	-3.7
2070	-50.6	-26.4	-2.2
2080	-57.1	-28.7	-0.3
2090	-65.5	-31.3	2.9
2100	-75.9	-36.2	3.6

Figure 69. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

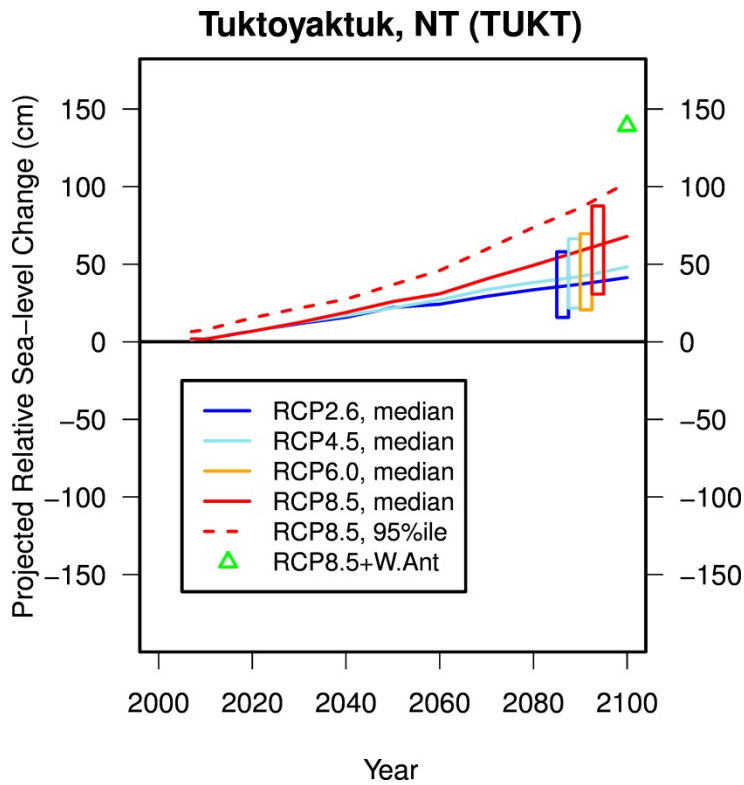
Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	-68.1	-48.4	-28.7
RCP4.5	-65.7	-42.0	-18.2
RCP6.0	-65.4	-42.0	-18.7
RCP8.5	-62.0	-32.5	-3.0

RCP8.5+W.Ant at 2100: 36.5 cm



Tuktoyaktuk, NT (TUKT)

Projected sea-level change is given in centimetres, relative to 1995.



RCP2.6			
year	5%	median	95%
2007	-2.6	1.2	5.1
2010	-3.3	2.1	7.6
2020	0.7	6.8	12.8
2030	5.8	11.7	17.6
2040	7.6	15.8	24.1
2050	11.7	22.1	32.5
2060	11.5	24.2	36.8
2070	14.2	29.3	44.5
2080	15.6	33.5	51.4
2090	17.2	37.1	57.0
2100	17.9	41.4	64.9

RCP4.5			
year	5%	median	95%
2007	-4.9	1.3	7.4
2010	-4.2	2.4	9.0
2020	-0.8	6.4	13.6
2030	4.0	12.3	20.6
2040	8.4	16.8	25.2
2050	12.2	21.8	31.4
2060	13.6	26.9	40.2
2070	17.0	33.6	50.1
2080	18.0	38.2	58.4
2090	20.0	42.0	64.0
2100	21.4	48.2	75.0

RCP8.5			
year	5%	median	95%
2007	-2.8	1.9	6.5
2010	-4.2	1.7	7.7
2020	-1.7	6.8	15.4
2030	3.1	12.4	21.7
2040	10.3	18.9	27.4
2050	15.1	25.9	36.8
2060	16.0	30.9	45.9
2070	21.4	40.5	59.6
2080	24.8	49.3	73.7
2090	31.0	58.6	86.3
2100	33.2	67.9	102.5

Figure 70. Projected relative sea-level change for RCP2.6, RCP4.6, and RCP8.5 (median values, solid lines; 95th percentile of RCP8.5, dashed line) (James et al., 2014). Rectangles also include RCP6.0 and give the 90% confidence range (5% to 95%) of the average for the time period 2081-2100. RCP8.5 +W.Ant is the median projection of RCP8.5 plus an additional 65 cm of global sea-level rise from West Antarctica (green triangle).

Average Projected Sea-level Change, 2081-2100			
scenario	5%	median	95%
RCP2.6	15.7	36.9	58.0
RCP4.5	21.7	44.1	66.4
RCP6.0	20.6	45.1	69.6
RCP8.5	30.7	59.1	87.5

RCP8.5+W.Ant at 2100: 139.2 cm