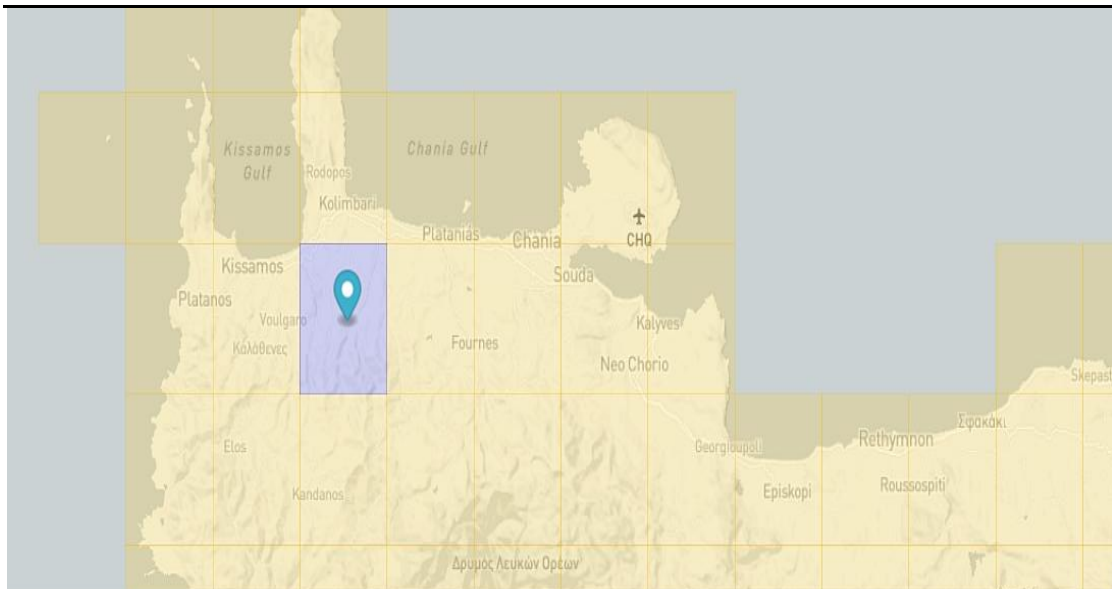


CANARI offers the choice between two RCP scenarios:

- the RCP4.5 scenario, intermediate scenario
- the RCP8.5 scenario, the most pessimistic scenario



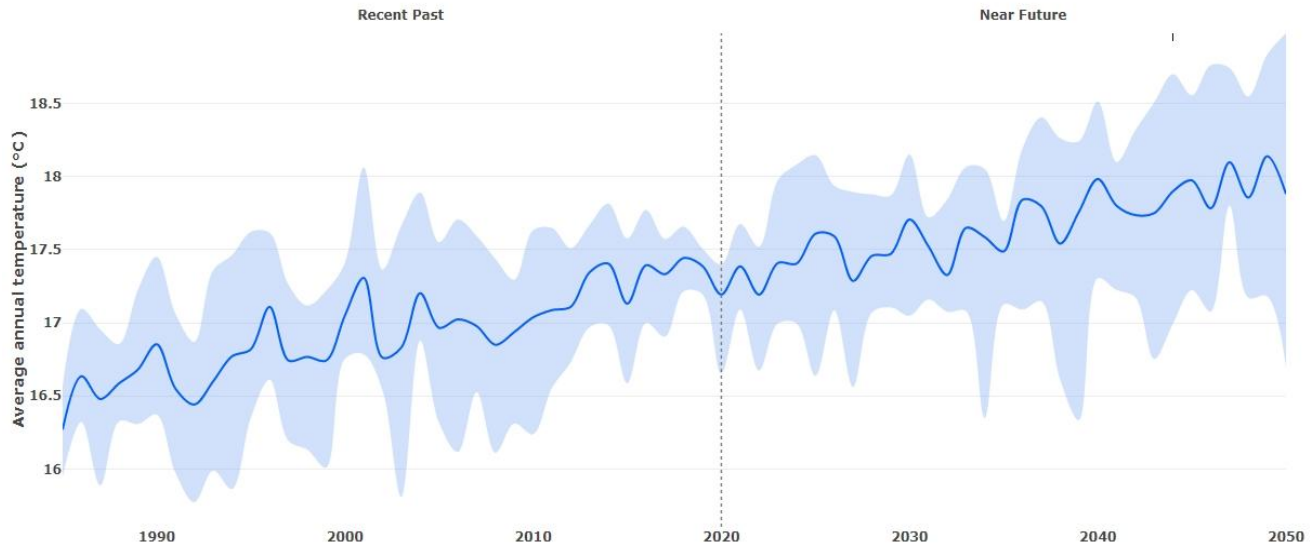
Προβλέψεις κλιματικής μεταβολής 2020-2050 για την περιοχή Ζυμβραγού και σε ότι αφορά την ελαιοκαλλιέργεια.(μέσο κλιματικό σενάριο RCP 4.5)

Σχεδιασμός απαραίτητων μεταβολών στην καλλιεργητική τεχνική.

Μέση ετήσια θερμοκρασία (°C)

Μέσες θερμοκρασίες από 1 Ιανουαρίου έως 31 Δεκεμβρίου.

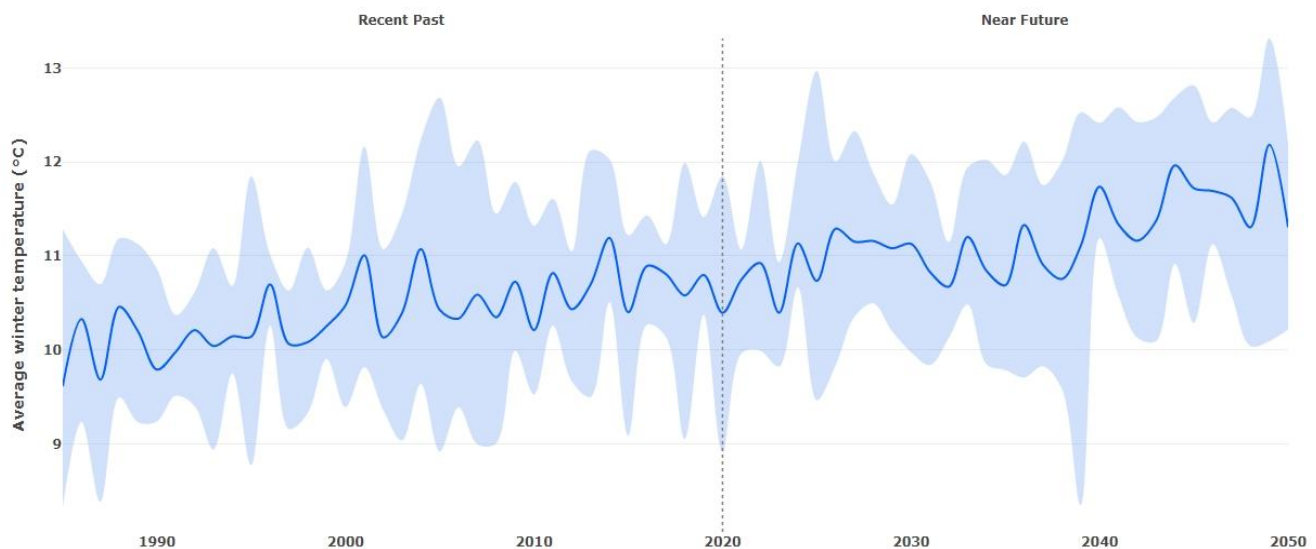
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **16,95 °C**. Η διάμεση τιμή εξελίσσεται στους **17,69 °C** για την περίοδο του εγγύς μέλλοντος (2021-2050).



Μέση θερμοκρασία χειμώνα (°C)

Μέσες θερμοκρασίες από 1 Ιανουαρίου έως 31 Μαρτίου.

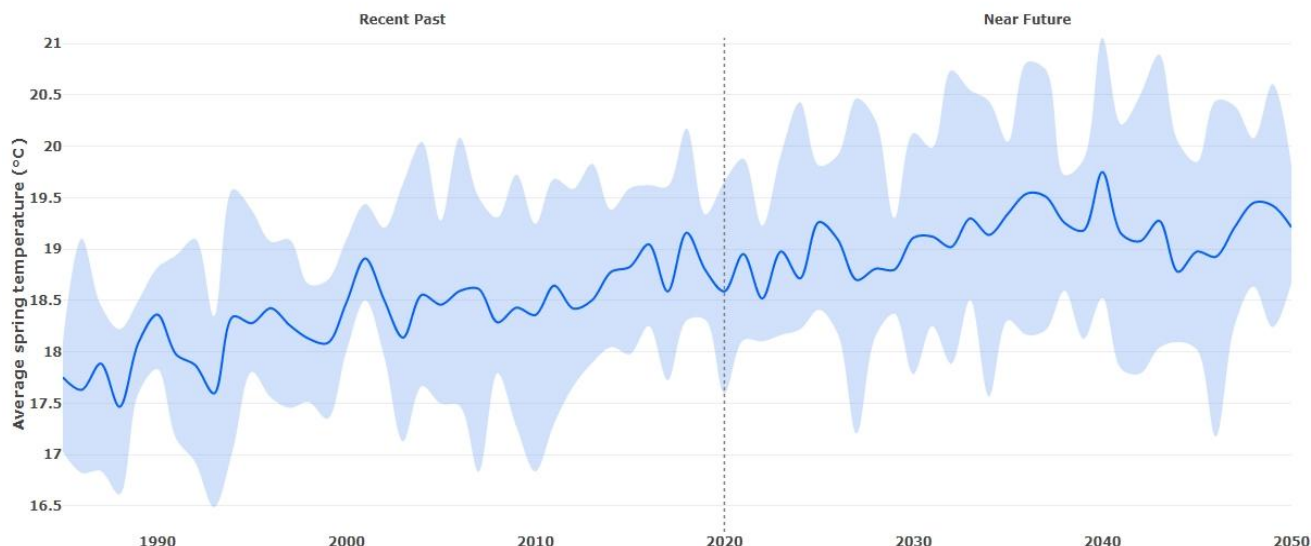
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **10,50 °C**. Η διάμεση τιμή εξελίσσεται στους **11,17 °C** για την περίοδο του εγγύς μέλλοντος (2021-2050).



Μέση θερμοκρασία άνοιξης (°C)

Μέσες θερμοκρασίες από 1 Απριλίου έως 30 Ιουνίου.

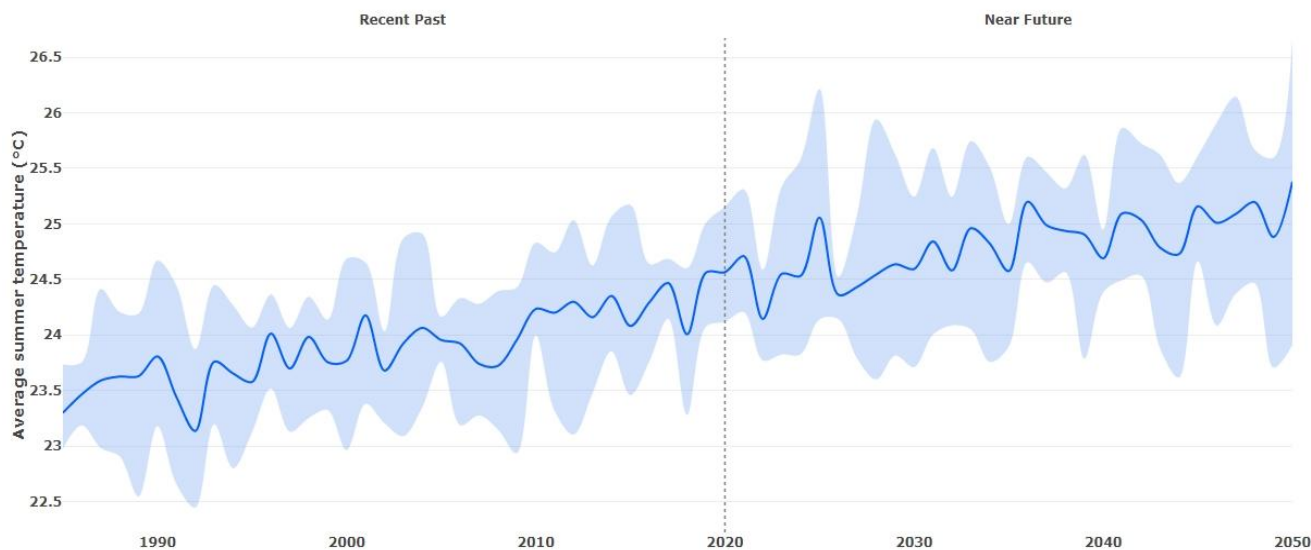
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **18,34 °C**. Η διάμεση τιμή εξελίσσεται στους **19,10 °C** για την περίοδο του εγγύς μέλλοντος (2021-2050).



Μέση θερμοκρασία καλοκαιριού (°C)

Μέσες θερμοκρασίες μεταξύ 1 Ιουλίου και 30 Σεπτεμβρίου.

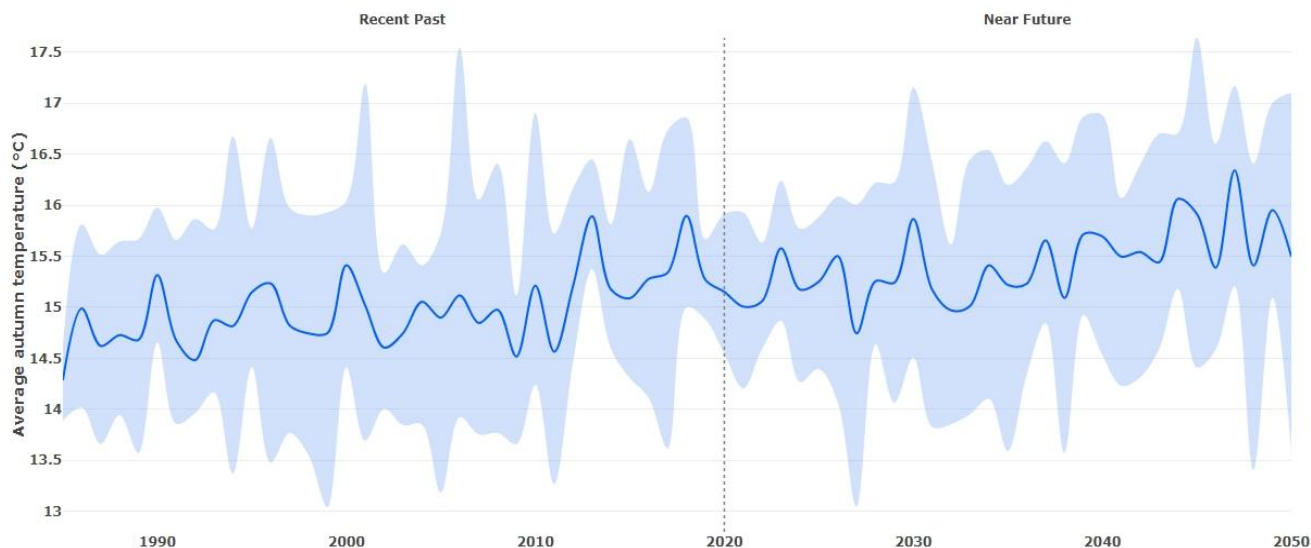
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **23,94 °C**. Η διάμεση τιμή εξελίσσεται στους **24,79 °C** για την περίοδο του εγγύς μέλλοντος (2021-2050).



Μέση φθινοπωρινή θερμοκρασία (°C)

Μέσες θερμοκρασίες από 1 Οκτωβρίου έως 31 Δεκεμβρίου.

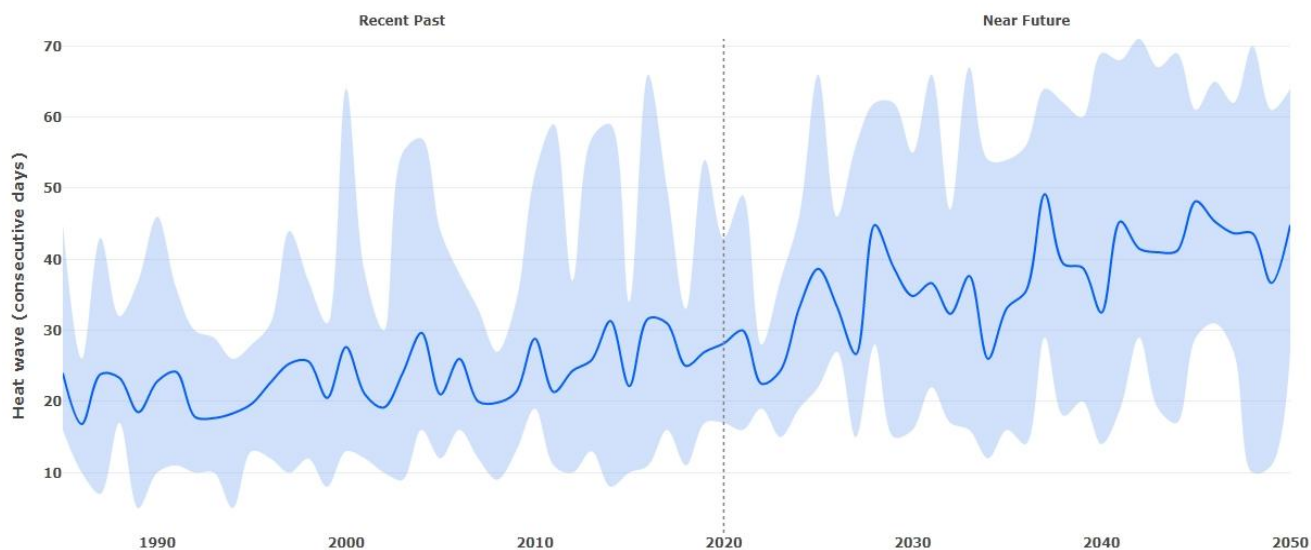
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι 15,00 °C. Η διάμεση τιμή εξελίσσεται στους 15,45 °C για την περίοδο του εγγύς μέλλοντος (2021-2050).



Κύμα καύσωνα (συνεχείς ημέρες)

Κύμα καύσωνα (συνεχείς ημέρες) πάνω από 28 °C μεταξύ 1ης Ιουλίου και 30 Σεπτεμβρίου.

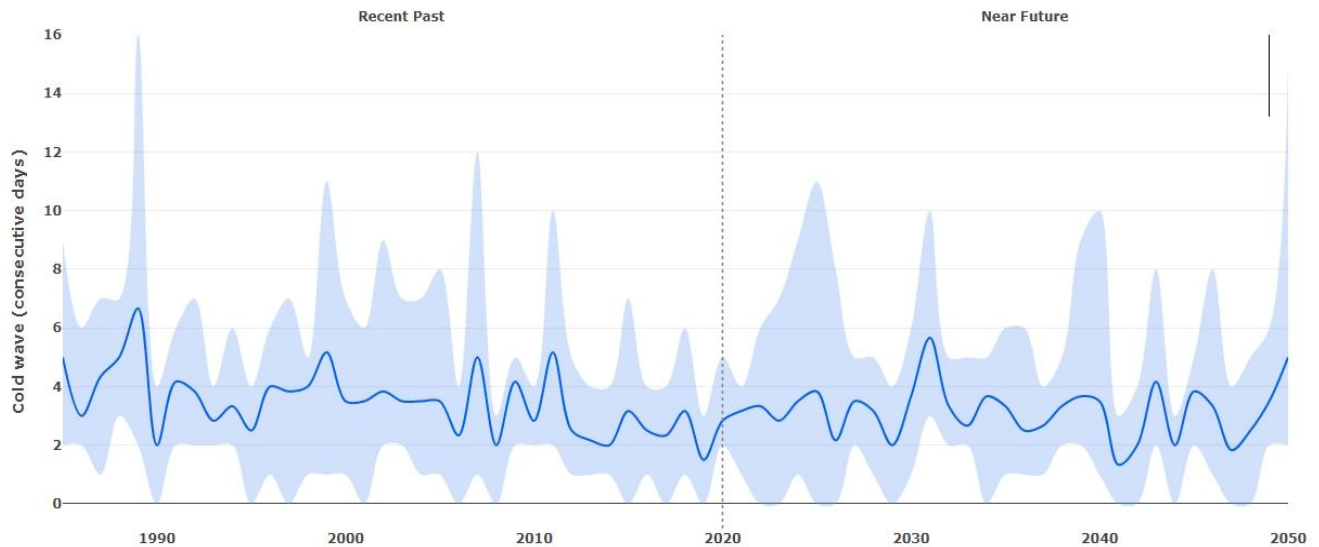
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **21,00 ημέρες**. Η διάμεσος εξελίσσεται σε **36,00 ημέρες** για την περίοδο του εγγύς μέλλοντος (2021-2050).



Κύμα ψύχους (συνεχείς ημέρες)

Κύμα ψύχους (συνεχείς ημέρες) κάτω από 7 °C μεταξύ 1ης Σεπτεμβρίου και 31 Δεκεμβρίου.

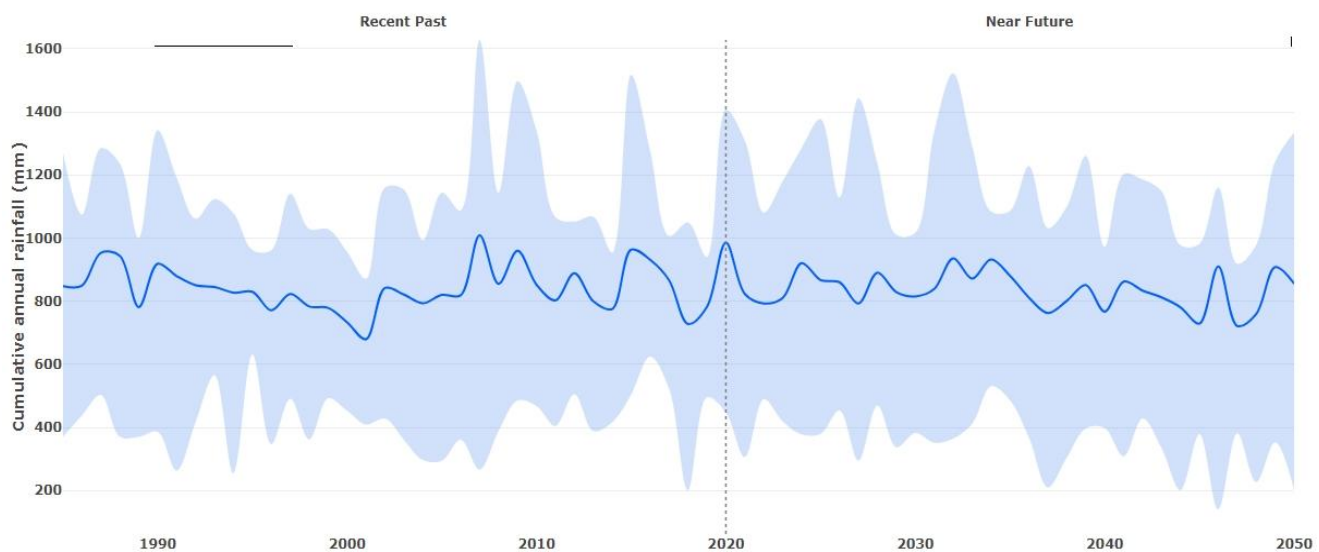
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι 3,00 ημέρες. Η διάμεσος εξελίσσεται σε 3,00 ημέρες για την περίοδο του εγγύς μέλλοντος (2021-2050).



Σωρευτική ετήσια βροχόπτωση (mm)

Αθροιστικές βροχοπτώσεις μεταξύ 1 Ιανουαρίου και 31 Δεκεμβρίου.

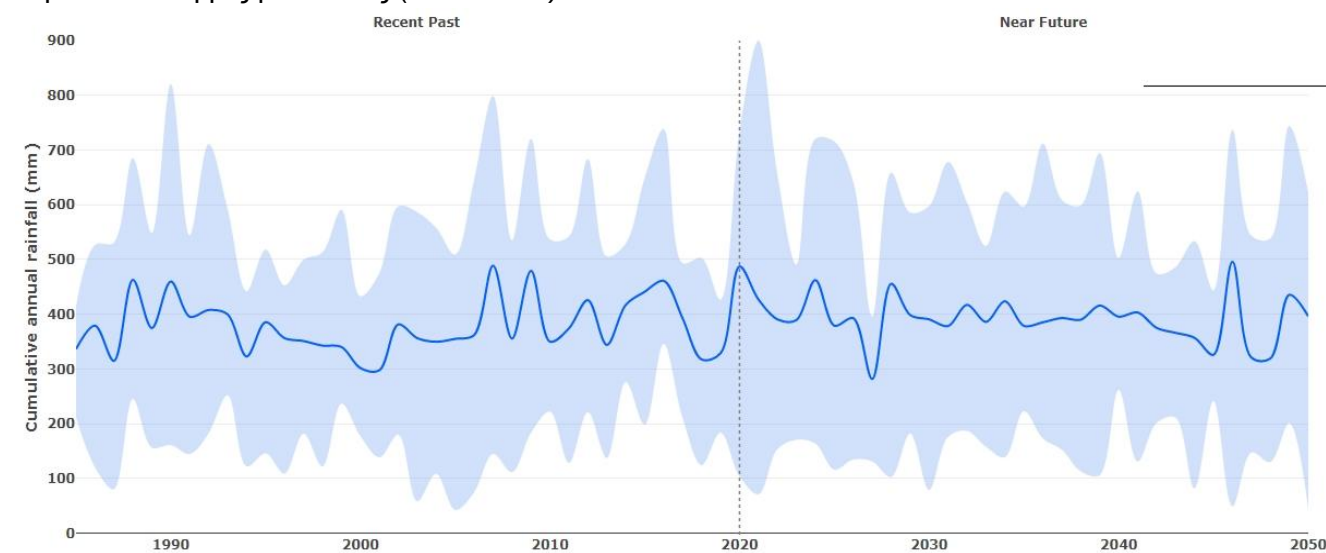
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι 867.23 mm σωρευτικά. Η διάμεσος εξελίσσεται στα 873,34 mm σωρευμένα για την περίοδο του εγγύς μέλλοντος (2021-2050).



Σωρευτική βροχόπτωση (mm)

Αθροιστικές βροχοπτώσεις μεταξύ 1 Σεπτεμβρίου και 31 Δεκεμβρίου.

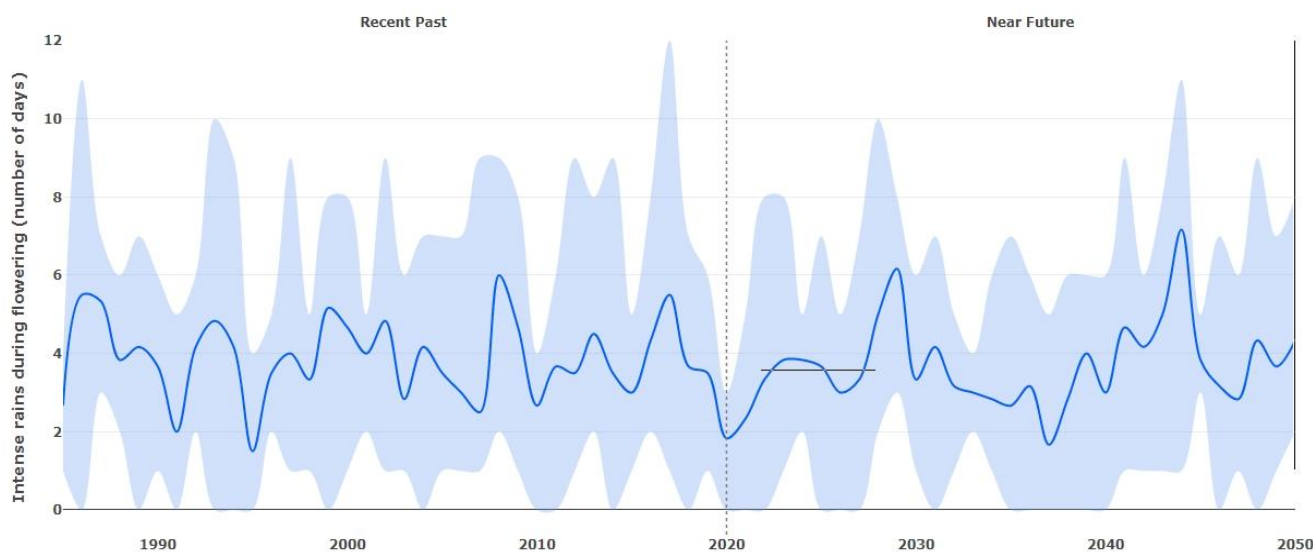
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **389,74** mm σωρευτικά. Η διάμεσος εξελίσσεται στα **388,52** mm σωρευμένα για την περίοδο του εγγύς μέλλοντος (2021-2050).



Έντονες βροχές κατά την ανθοφορία (αριθμός ημερών) (ΕΛΙΑ ΑΝΘΟΦΟΡΙΑ)

Αριθμός ημερών κατά τις οποίες το άθροισμα των βροχοπτώσεων είναι πάνω από 5 mm μεταξύ 1 Απριλίου και 31 Μαΐου.

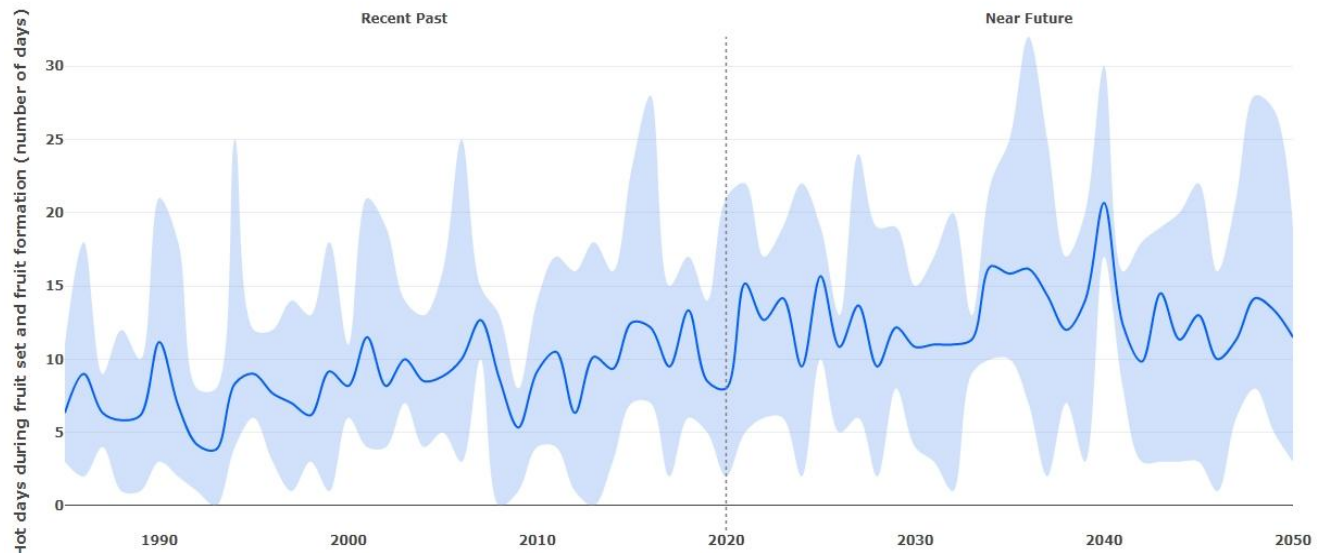
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι 4,00 ημέρες. Η διάμεσος εξελίσσεται σε 3,50 ημέρες για την περίοδο του εγγύς μέλλοντος (2021-2050).



Ζεστές ημέρες κατά την καρπόδεση και τον σχηματισμό των καρπών (αριθμός ημερών) (ΕΛΙΑ ΚΑΡΠΟΔΕΣΗ)

Αριθμός ημερών κατά τις οποίες η μέγιστη θερμοκρασία είναι πάνω από 30 °C μεταξύ 1 Μαΐου και 30 Ιουνίου.

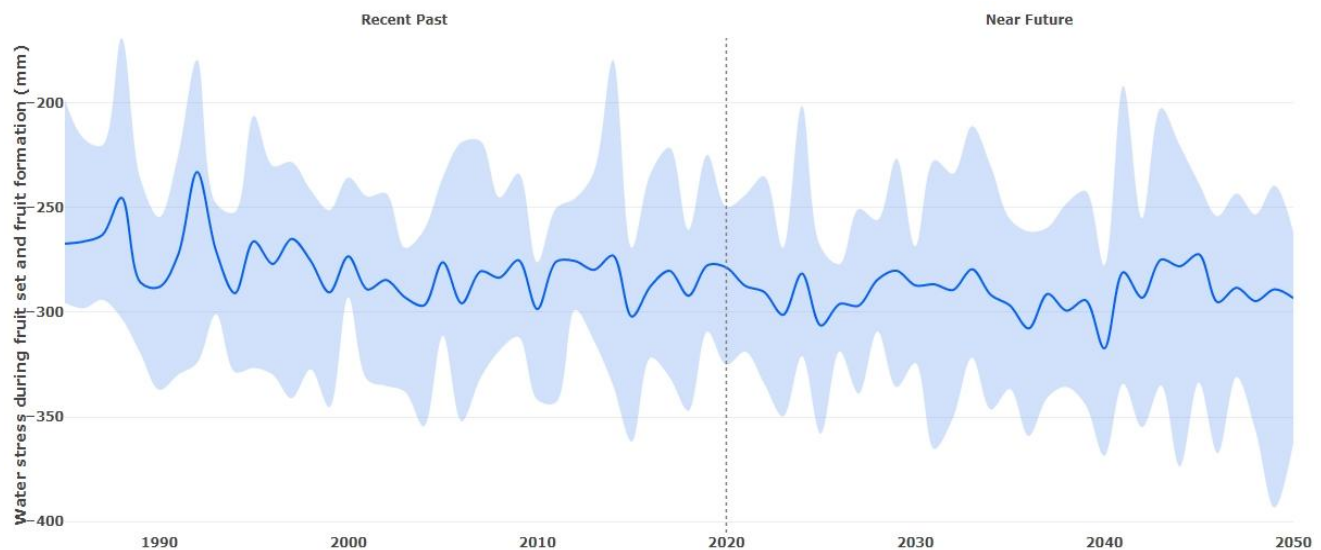
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **8,00 ημέρες**. Η διάμεσος εξελίσσεται σε **13,00 ημέρες** για την περίοδο του εγγύς μέλλοντος (2021-2050).



Το υδατικό στρες κατά τη διάρκεια της καρπόδεσης και του σχηματισμού φρούτων (MM) (ΕΛΙΑ ΚΑΡΠΟΔΕΣΗ)

Το υδατικό στρες κατά τη διάρκεια της καρπόδεσης και του σχηματισμού φρούτων (mm) μεταξύ 1 Μαΐου και 30 Ιουνίου.

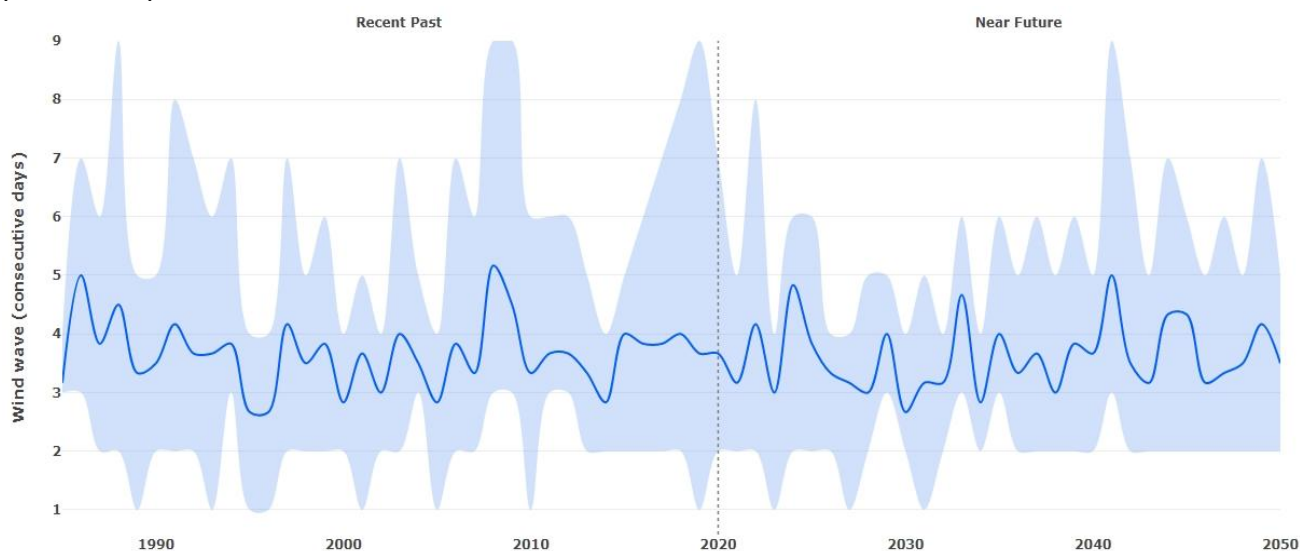
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **-280,27 mm**. Η διάμεσος εξελίσσεται σε **-287,53 mm** για την περίοδο του Εγγύς Μέλλοντος (2021-2050)..



Κύμα ανέμου (συνεχείς ημέρες) στην άνθηση και στην καρπόδεση (ΕΛΙΑ ΑΝΘΗΣΗ – ΚΑΡΠΟΔΕΣΗ)

Κύμα ανέμου (συνεχείς ημέρες) άνω των 20 km/h μεταξύ 1 Απριλίου και 31 Μαΐου.

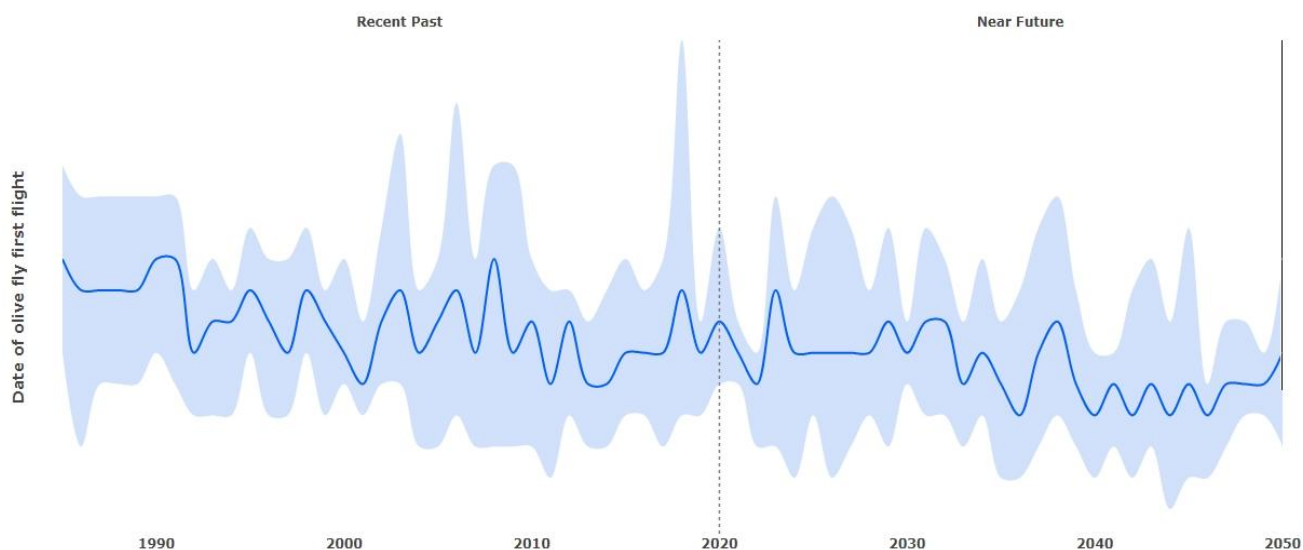
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι 3,00 ημέρες. Η διάμεσος εξελίσσεται σε 3,00 ημέρες για την περίοδο του εγγύς μέλλοντος (2021-2050).



Ημερομηνία δυνατότητας πρώτης πτήσης δάκου ελιάς (ΕΛΙΑ ΔΑΚΟΣ)

Ημερομηνία κατά την οποία επιτυγχάνεται το όριο του DJ (βαθμοί-ημέρες) από την 1η Ιανουαρίου με τιμές πάνω από 0 °C.

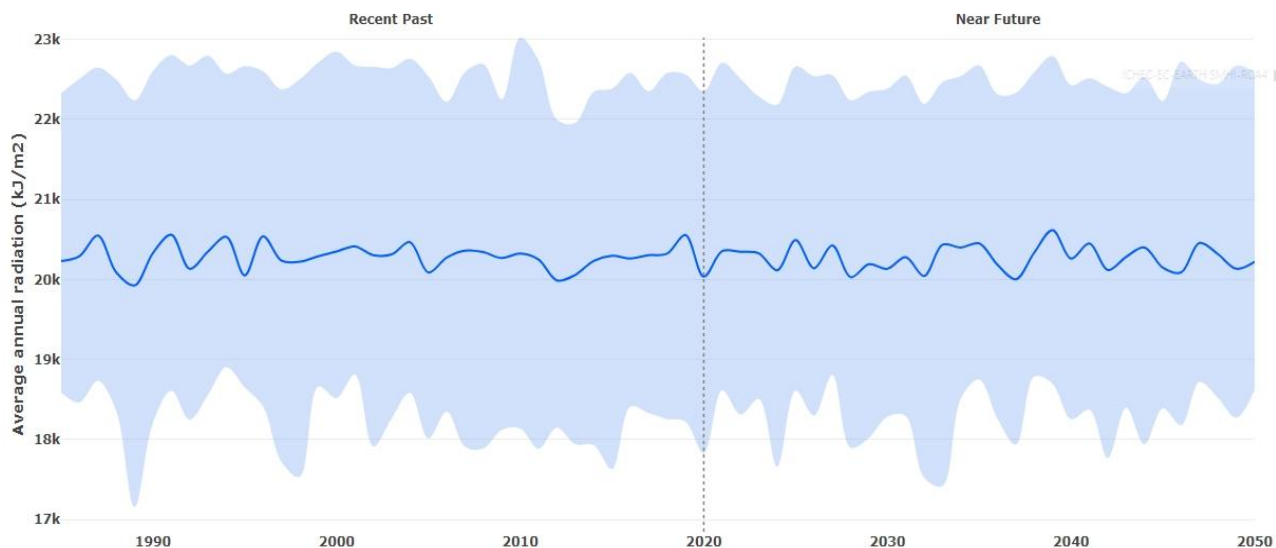
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι η 20η Ιανουαρίου. Η διάμεσος εξελίσσεται στην 18η Ιανουαρίου για την περίοδο του εγγύς μέλλοντος (2021-2050).



Μέση ακτινοβολία (ΕΛΙΑ ΩΡΙΜΑΝΣΗ)

Μέση ακτινοβολία μεταξύ 1 Ιουνίου και 1 Δεκεμβρίου.

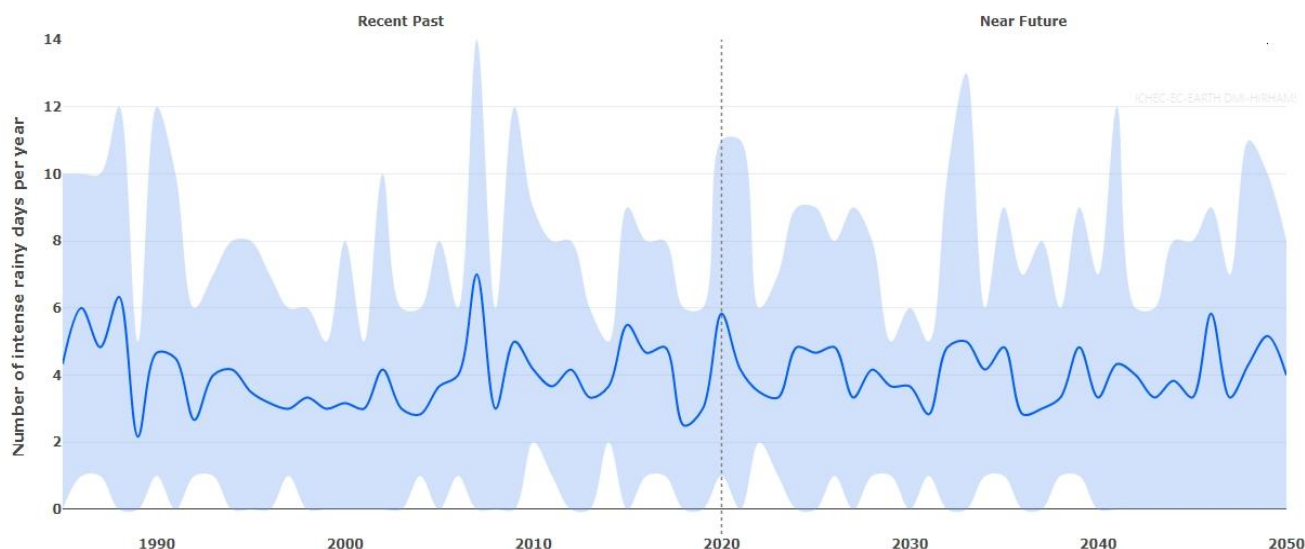
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **19620.13 KJ/M2**. Η διάμεσος εξελίσσεται σε **19811.27 KJ/M2** για την περίοδο του εγγύς μέλλοντος (2021-2050).



Αριθμός ημερών με πολύ μεγάλα ύψη βροχόπτωσης (ΠΛΗΜΜΥΡΙΚΑ ΦΑΙΝΟΜΕΝΑ)

Αριθμός ημερών με βροχόπτωση άνω των 30 mm μεταξύ 1 Ιανουαρίου και 31 Δεκεμβρίου

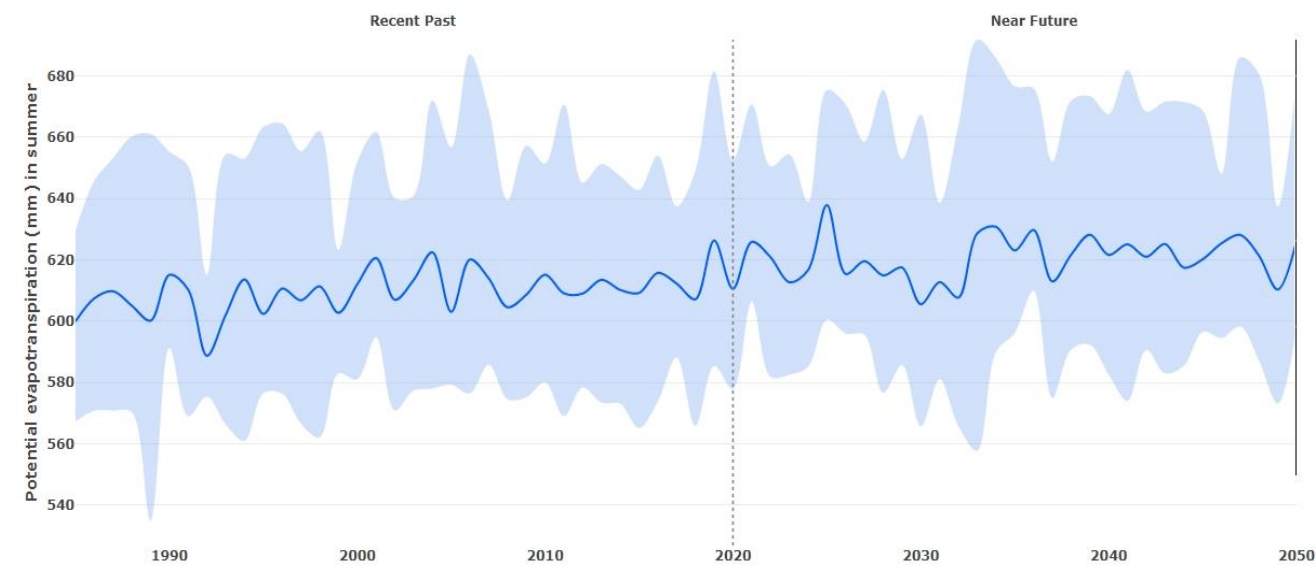
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι 4,00 ημέρες. Η διάμεσος εξελίσσεται σε 4,00 ημέρες για την περίοδο του εγγύς μέλλοντος (2021-2050).



Εξατμισοδιαπνοή τους καλοκαιρινούς μήνες (εδάφους και φυτών)

Sum ETP μεταξύ_1 Ιουνίου και 30 Σεπτεμβρίου

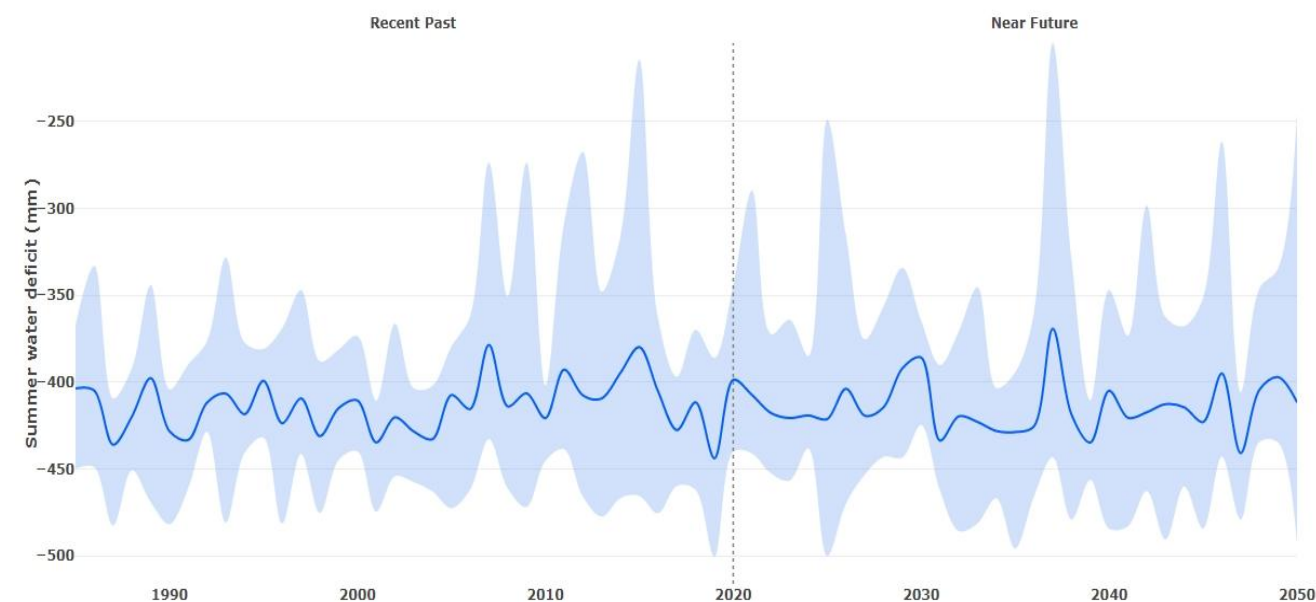
Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **606,31 mm**. Η διάμεσος εξελίσσεται σε **616,29 mm** για την περίοδο του εγγύς μέλλοντος (2021-2050).



Υδατική ανεπάρκεια (ΜΠΛΑΒΙΣΜΑ ΚΑΡΠΩΝ ΕΛΙΑΣ-ΠΑΥΣΗ ΕΛΑΙΟΓΕΝΕΣΗΣ ΕΝΤΟΣ)

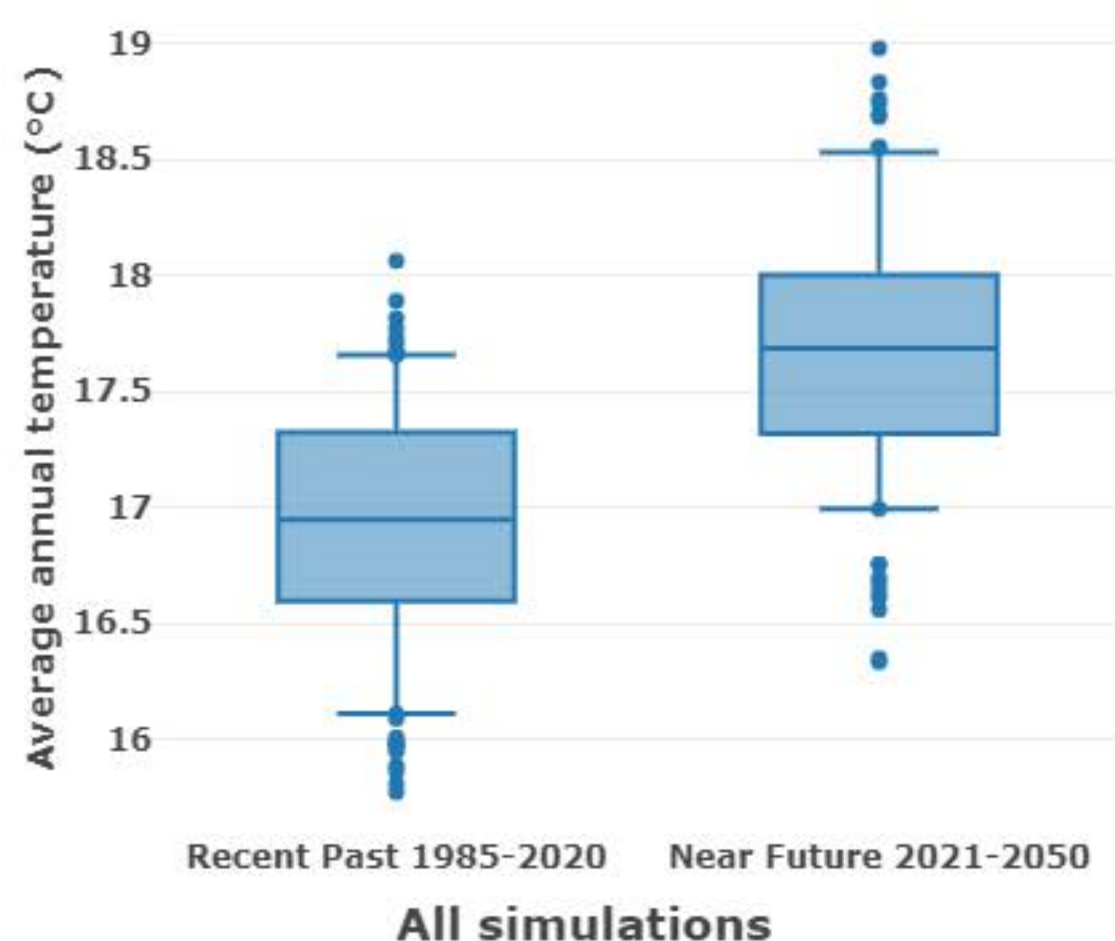
Σε mm μεταξύ_1 Ιουλίου και 30 Σεπτεμβρίου

Για την πρόσφατη περασμένη περίοδο (1985-2020), η διάμεσος του δείκτη είναι **-417,93 mm**. Η διάμεσος εξελίσσεται σε **-422,20 mm** για την περίοδο του εγγύς μέλλοντος (2021-2050).



Average annual temperature (°C) RCP 4.5

Average temperatures between January 1 and December 31



Maximum
95th centile
Q75
Median
Q25
5th centile
Minimum

All simulations	
Recent Past 1985-2020	Near Future 2021-2050
18.06	18.98
17.66	18.53
17.32	18.00
16.95	17.69
16.60	17.32
16.11	16.99
15.77	16.33

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

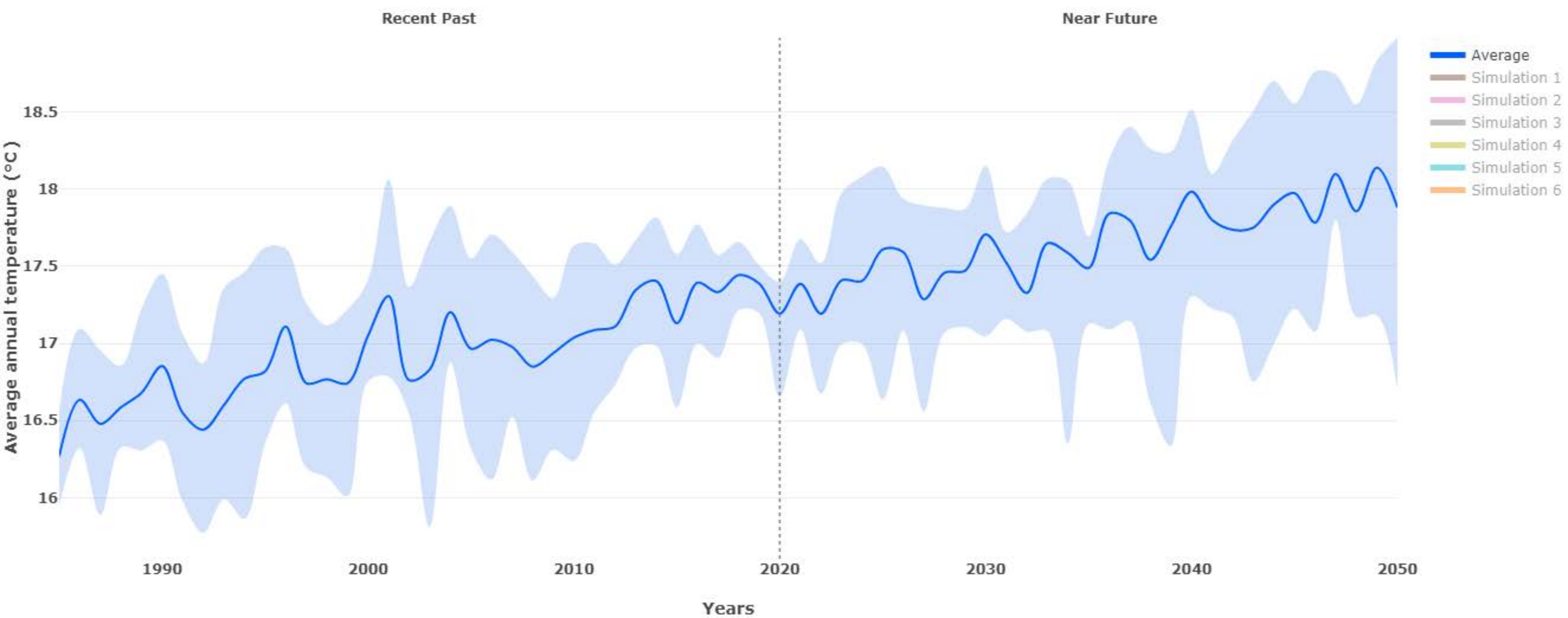
Below, the main definitions are reminded:

- **Q75** = upper line of the box. Mark out the upper 25% of values from the whole data set.
- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

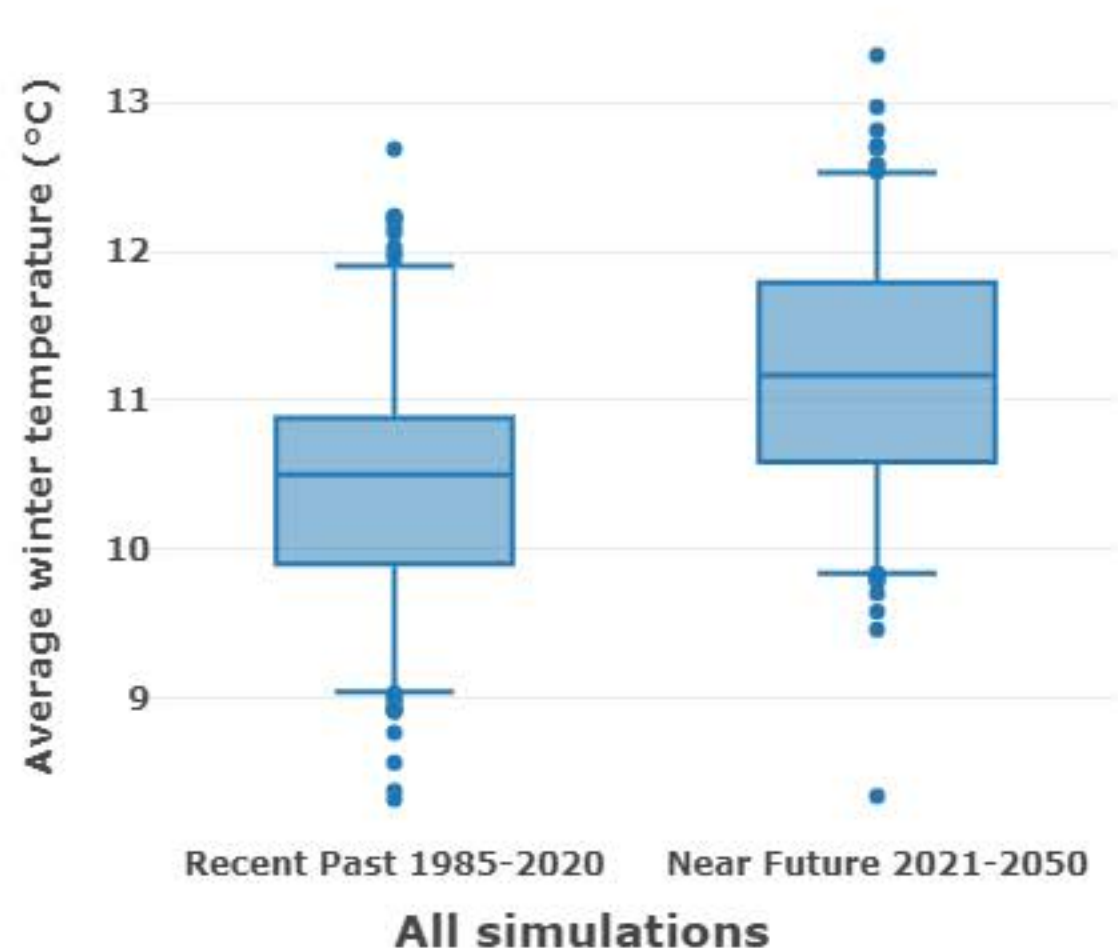
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 16.95 °C. The median evolves to 17.69 °C for the Near Future period (2021-2050).



Average winter temperature (°C) RCP 4.5

Average temperatures between January 1 and March 31



Maximum
95th centile
Q75
Median
Q25
5th centile
Minimum

All simulations	
Recent Past 1985-2020	Near Future 2021-2050
12.69	13.31
11.90	12.53
10.88	11.79
10.50	11.17
9.90	10.59
9.04	9.84
8.33	8.35

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

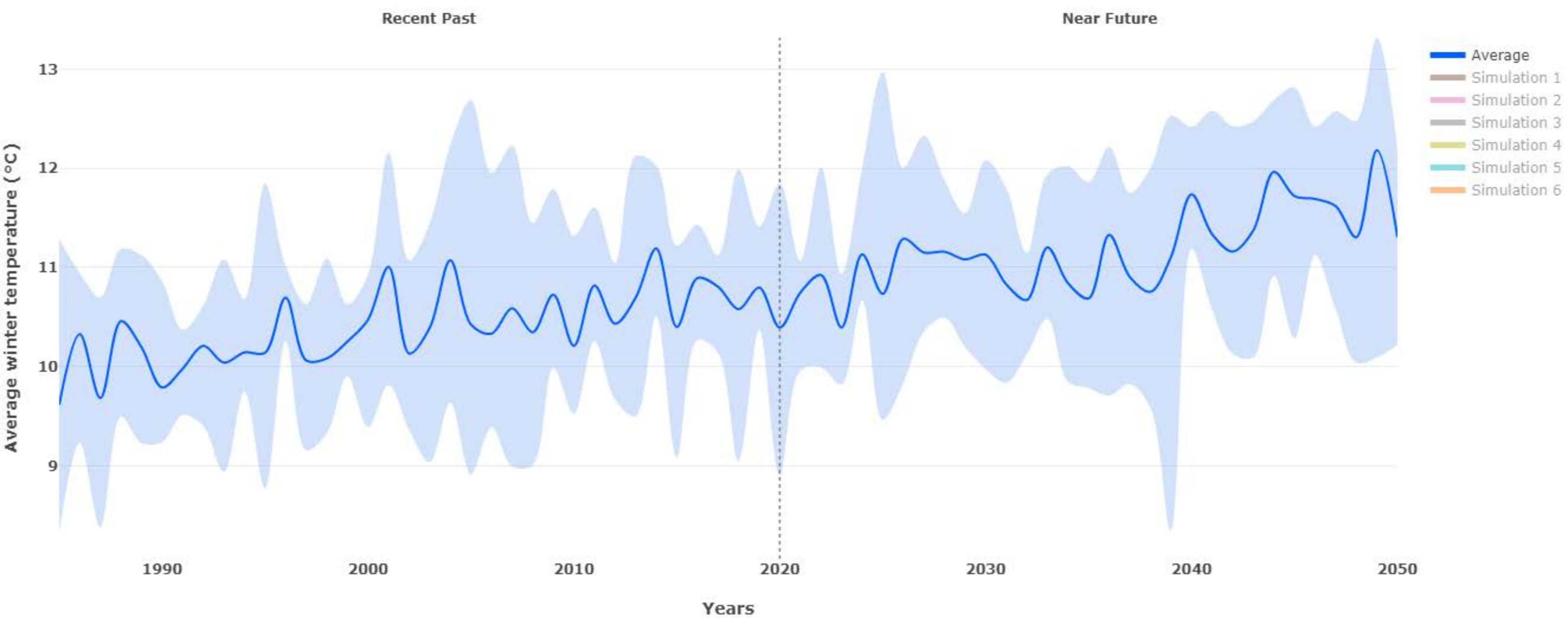
Below, the main definitions are reminded:

- **Q75** = upper line of the box. Mark out the upper 25% of values from the whole data set.
- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

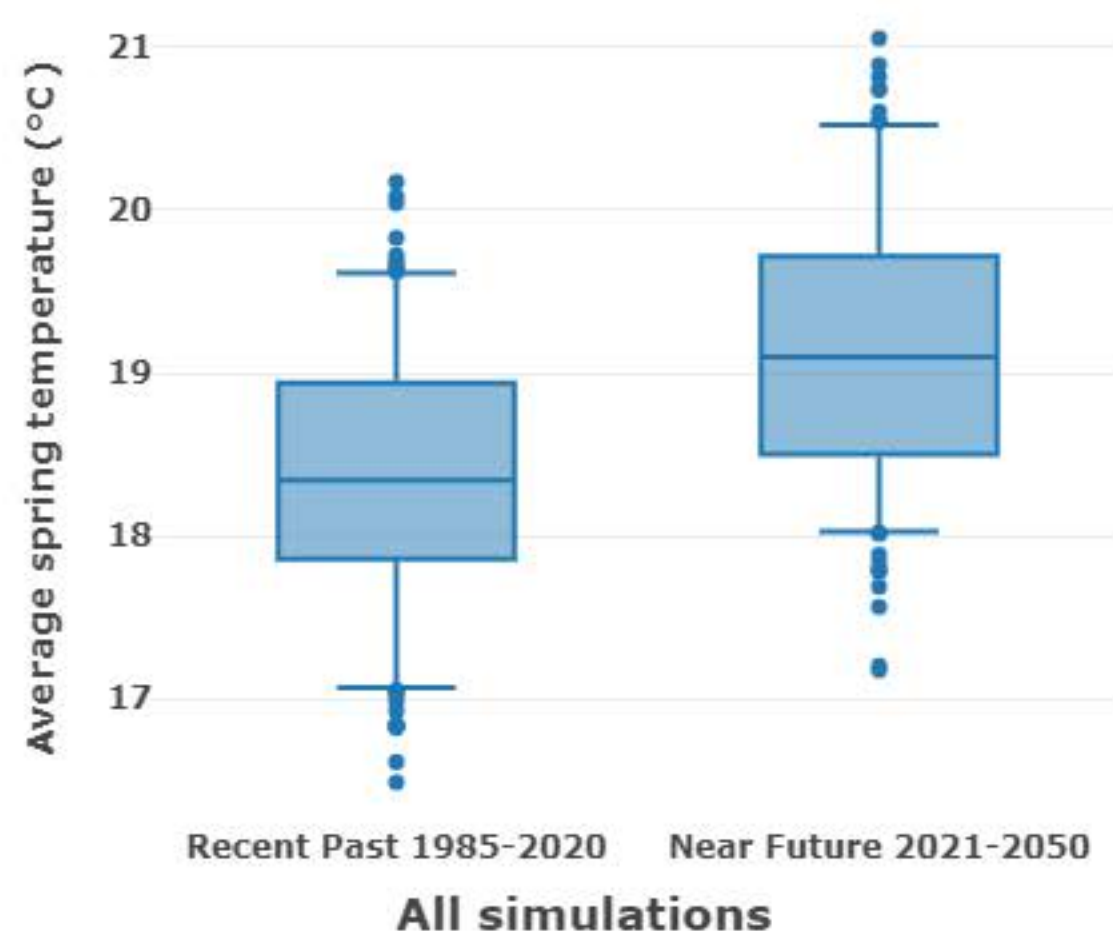
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 10.50 °C. The median evolves to 11.17 °C for the Near Future period (2021-2050).



Average spring temperature (°C) RCP 4.5

Average temperatures between April 1 and June 30



Maximum
95th centile
Q75
Median
Q25
5th centile
Minimum

All simulations	
Recent Past 1985-2020	Near Future 2021-2050
20.17	21.06
19.62	20.52
18.94	19.72
18.34	19.10
17.86	18.50
17.07	18.03
16.49	17.18

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

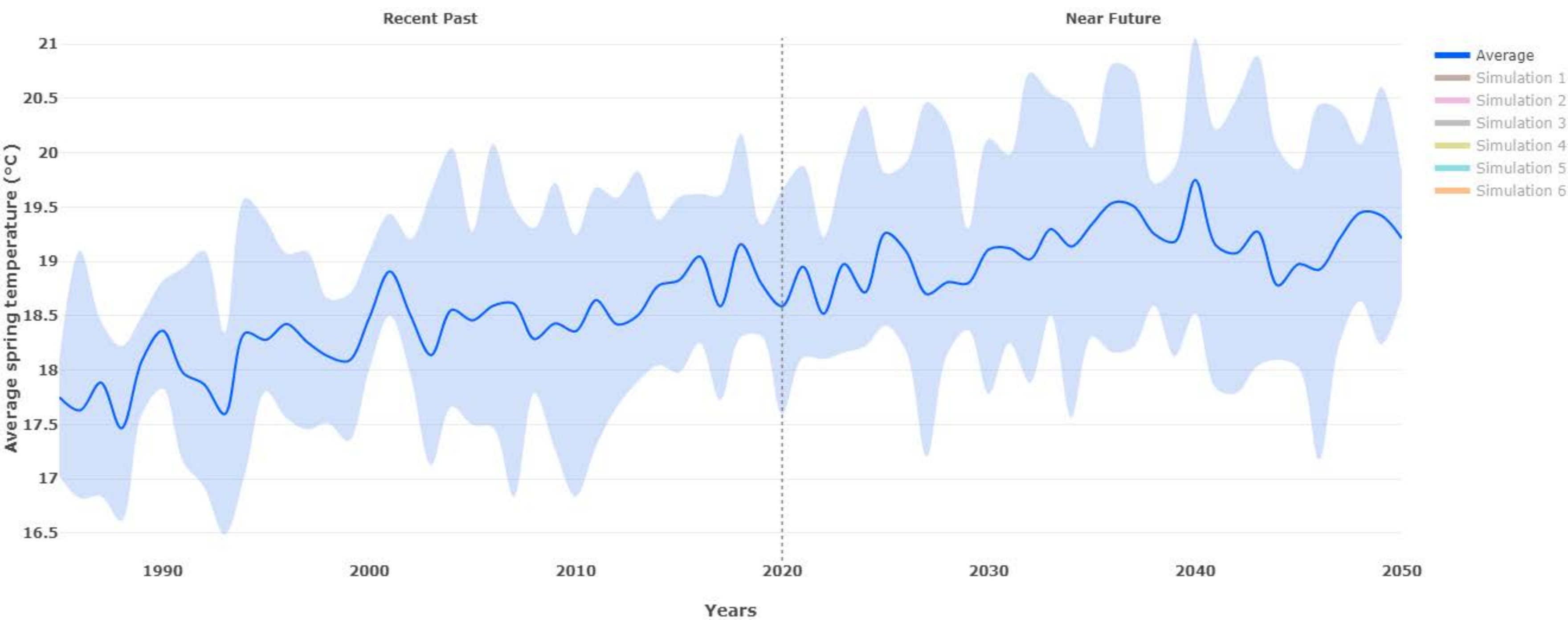
Below, the main definitions are reminded:

- **Q75** = upper line of the box. Mark out the upper 25% of values from the whole data set.
- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

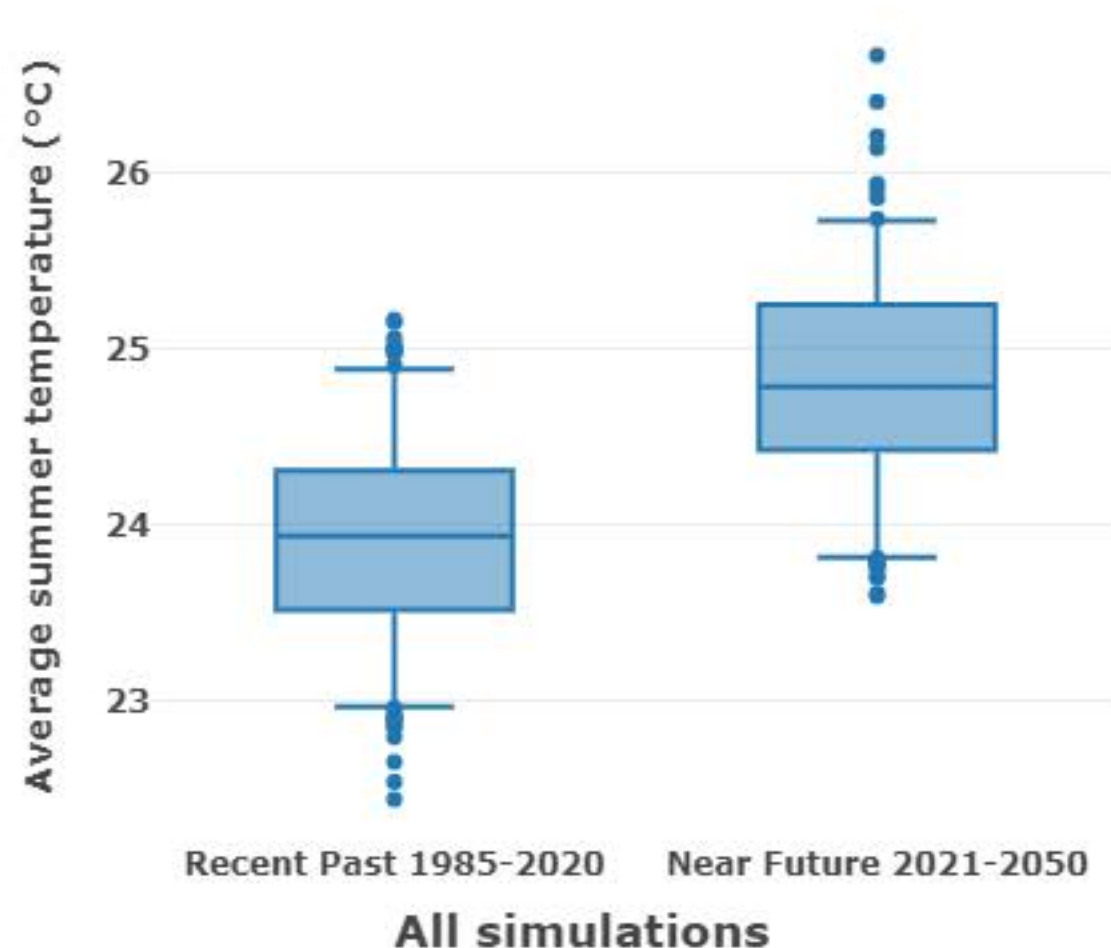
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 18.34 °C. The median evolves to 19.10 °C for the Near Future period (2021-2050).



Average summer temperature (°C) RCP 4.5

Average temperatures between July 1 and September 30



Maximum
95th centile
Q75
Median
Q25
5th centile
Minimum

All simulations	
Recent Past 1985-2020	Near Future 2021-2050
25.17	26.67
24.89	25.73
24.31	25.26
23.94	24.79
23.52	24.43
22.97	23.82
22.44	23.60

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

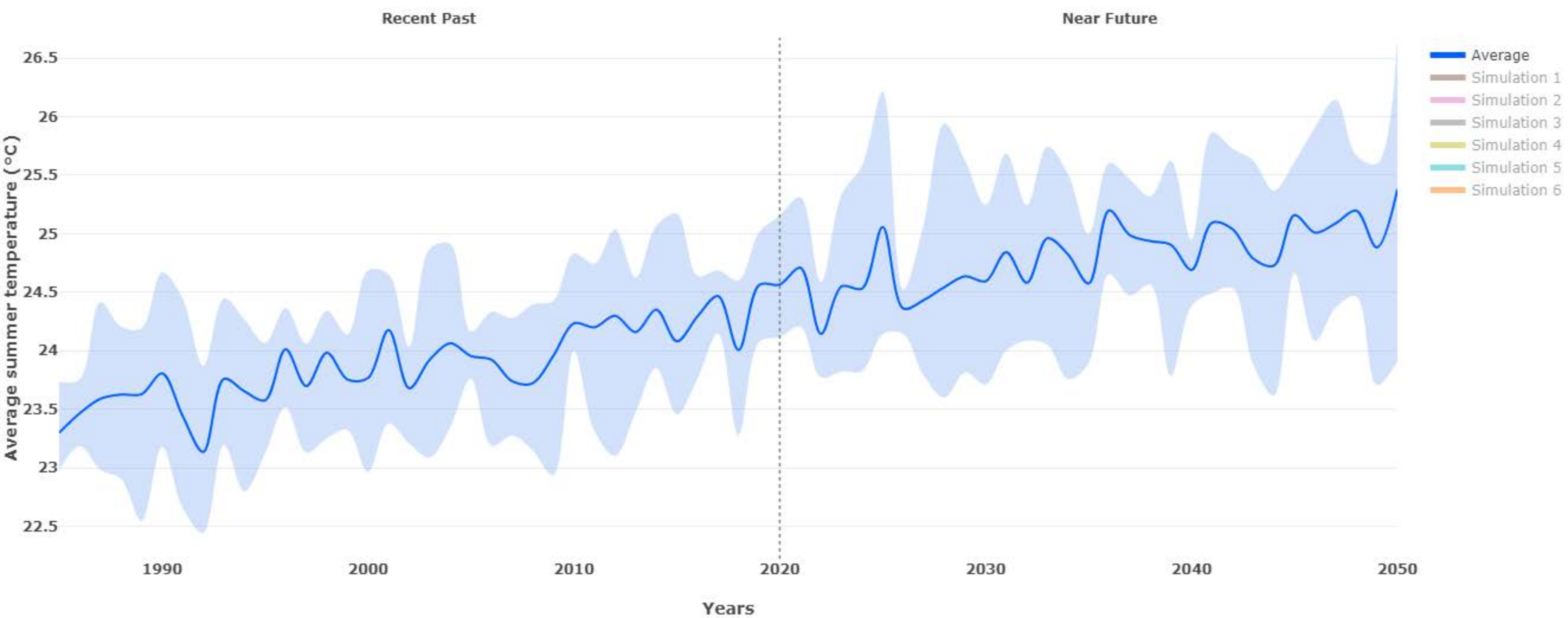
Below, the main definitions are reminded:

- **Q75** = upper line of the box. Mark out the upper 25% of values from the whole data set.
- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

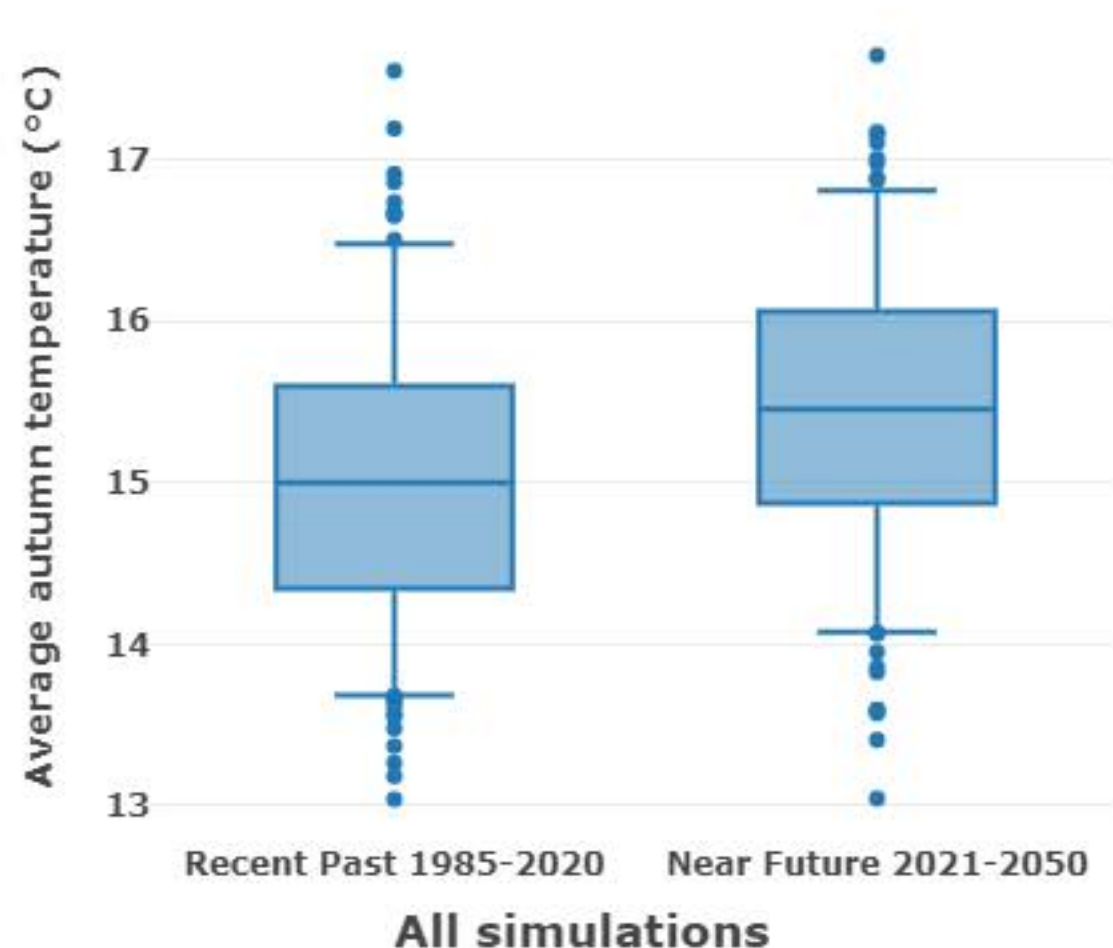
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 23.94 °C. The median evolves to 24.79 °C for the Near Future period (2021-2050).



Average autumn temperature (°C) RCP 4.5

Average temperatures between October 1 and December 31



Maximum
95th centile
Q75
Median
Q25
5th centile
Minimum

All simulations	
Recent Past 1985-2020	Near Future 2021-2050
17.54	17.64
16.48	16.80
15.60	16.06
15.00	15.45
14.34	14.87
13.68	14.08
13.04	13.04

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

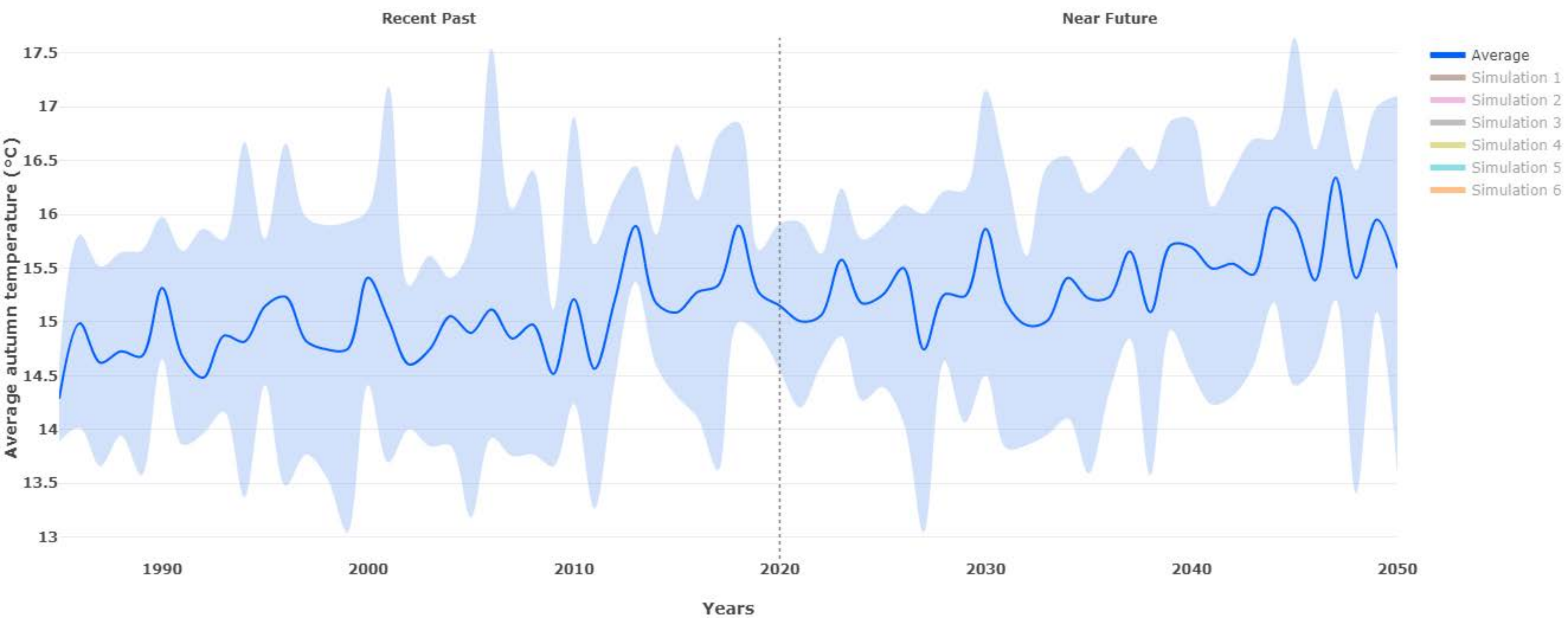
Below, the main definitions are reminded:

- **Q75** = upper line of the box. Mark out the upper 25% of values from the whole data set.
- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

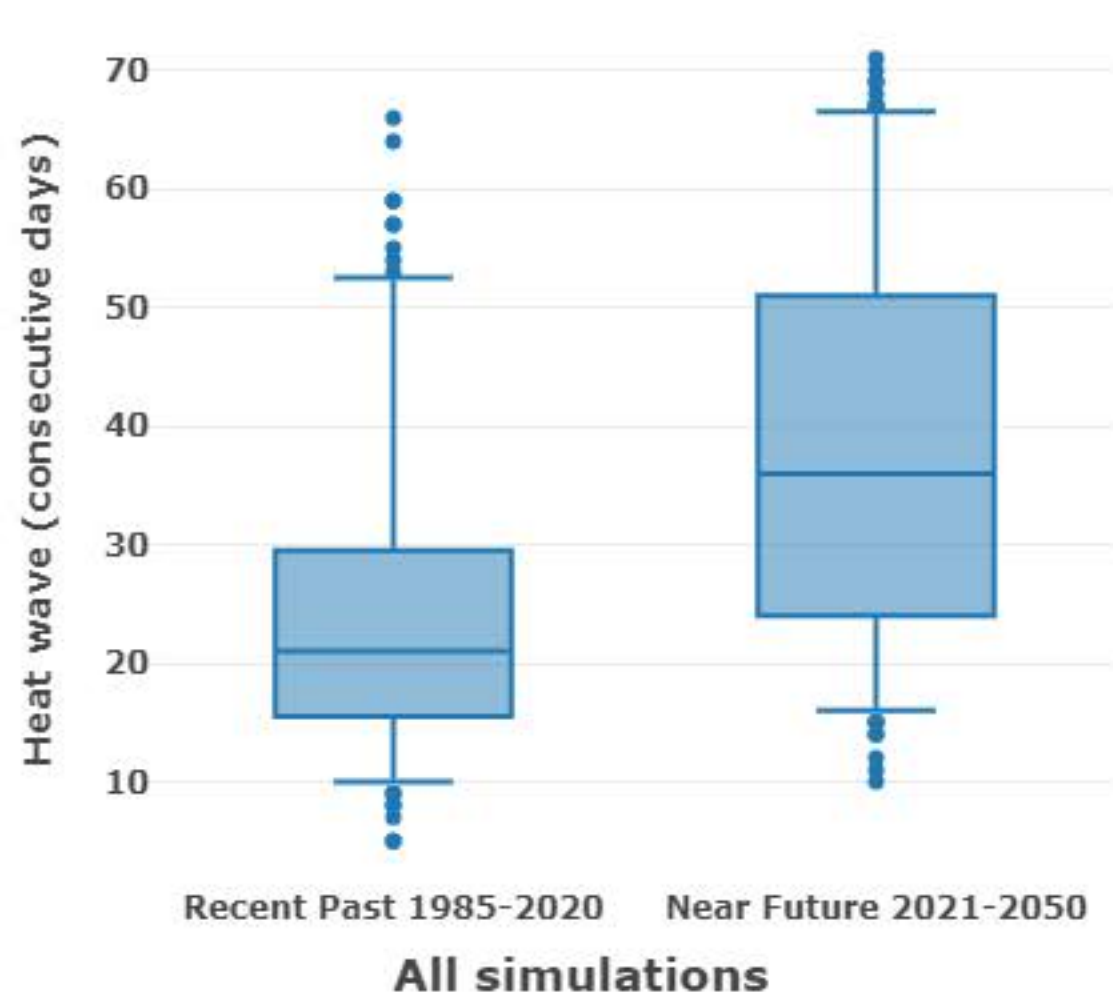
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 15.00 °C. The median evolves to 15.45 °C for the Near Future period (2021-2050).



Heat wave (consecutive days) RCP 4.5

Heat wave (consecutive days) above 28 °C between July 1 and September 30



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	66.00	71.00
95th centile	52.50	66.50
Q75	29.50	51.00
Median	21.00	36.00
Q25	15.50	24.00
5th centile	10.00	16.00
Minimum	5.00	10.00

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

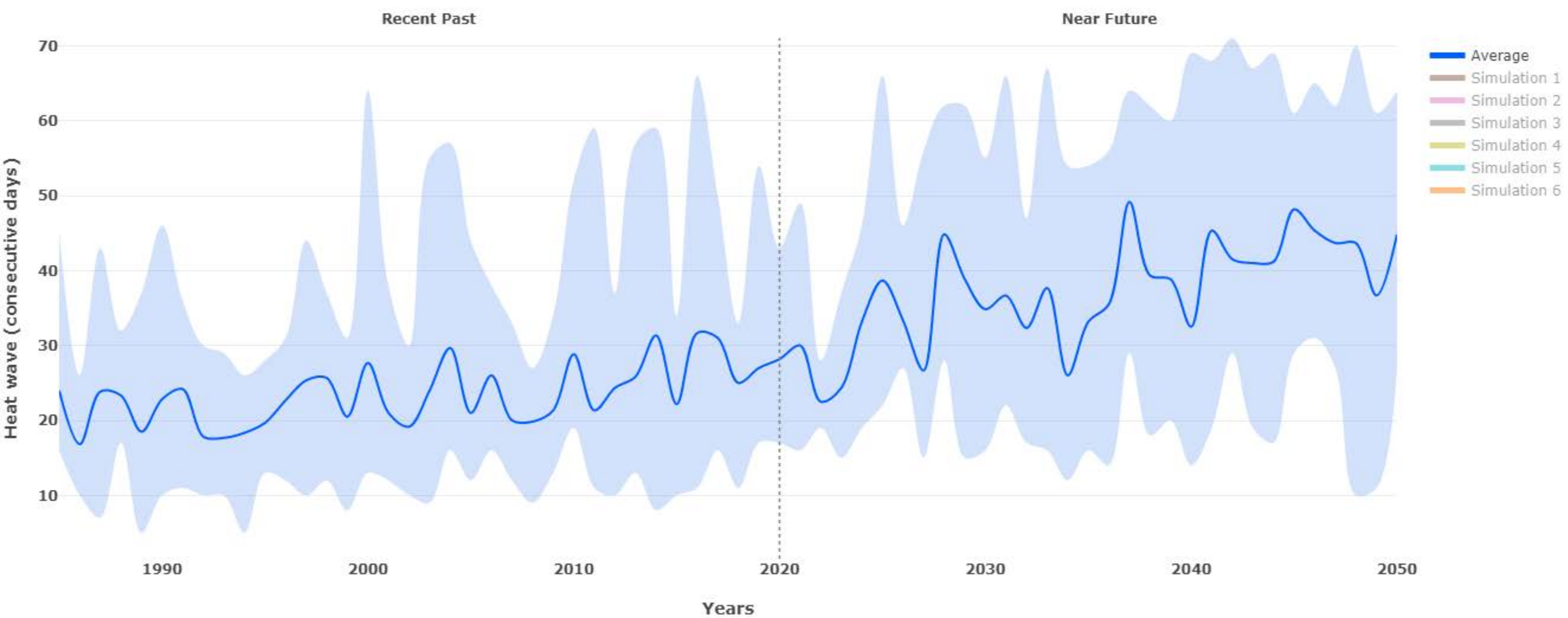
Below, the main definitions are reminded:

- **Q75** = upper line of the box. Mark out the upper 25% of values from the whole data set.
- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

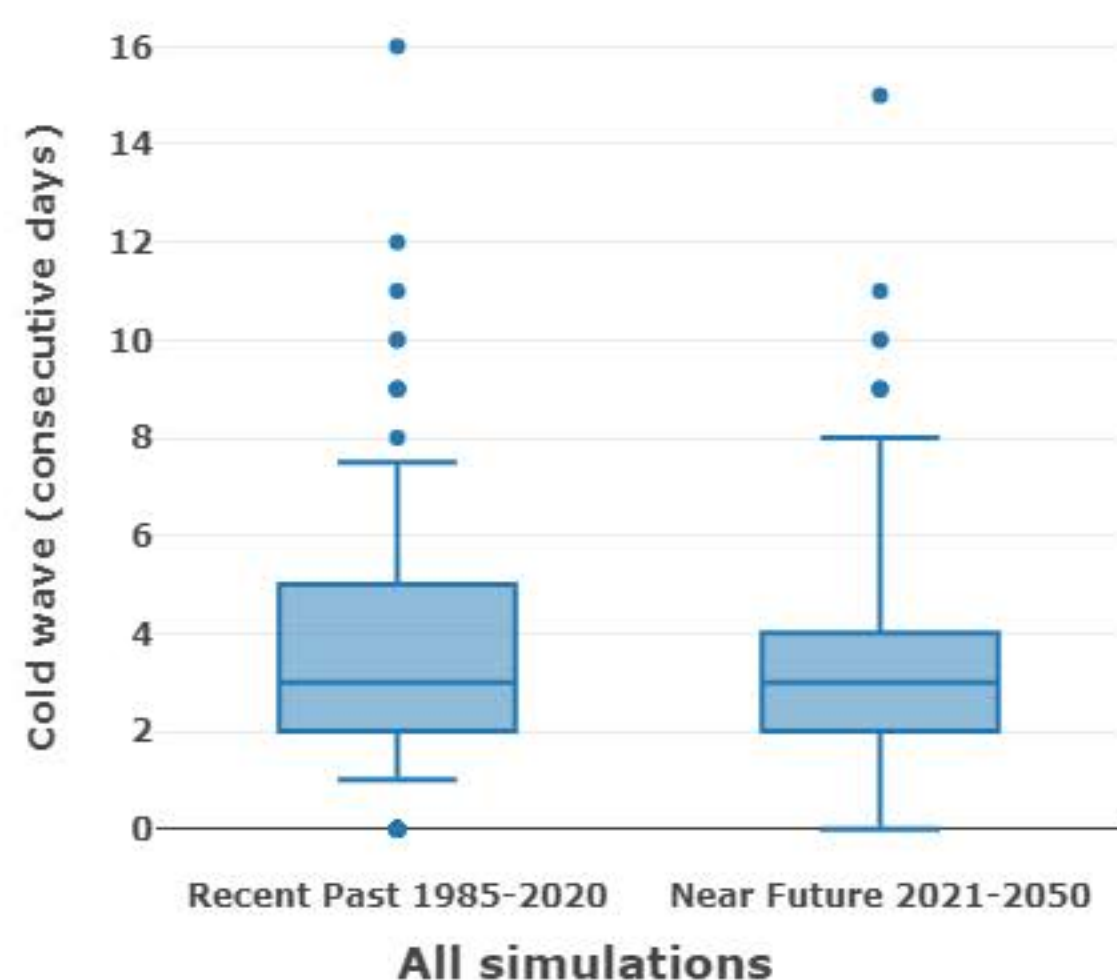
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 21.00 days. The median evolves to 36.00 days for the Near Future period (2021-2050).



Cold wave (consecutive days) RCP 4.5

Cold wave (consecutive days) below 7 °C between September 1 and December 31



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	16.00	15.00
95th centile	7.50	8.00
Q75	5.00	4.00
Median	3.00	3.00
Q25	2.00	2.00
5th centile	1.00	0.00
Minimum	0.00	0.00

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

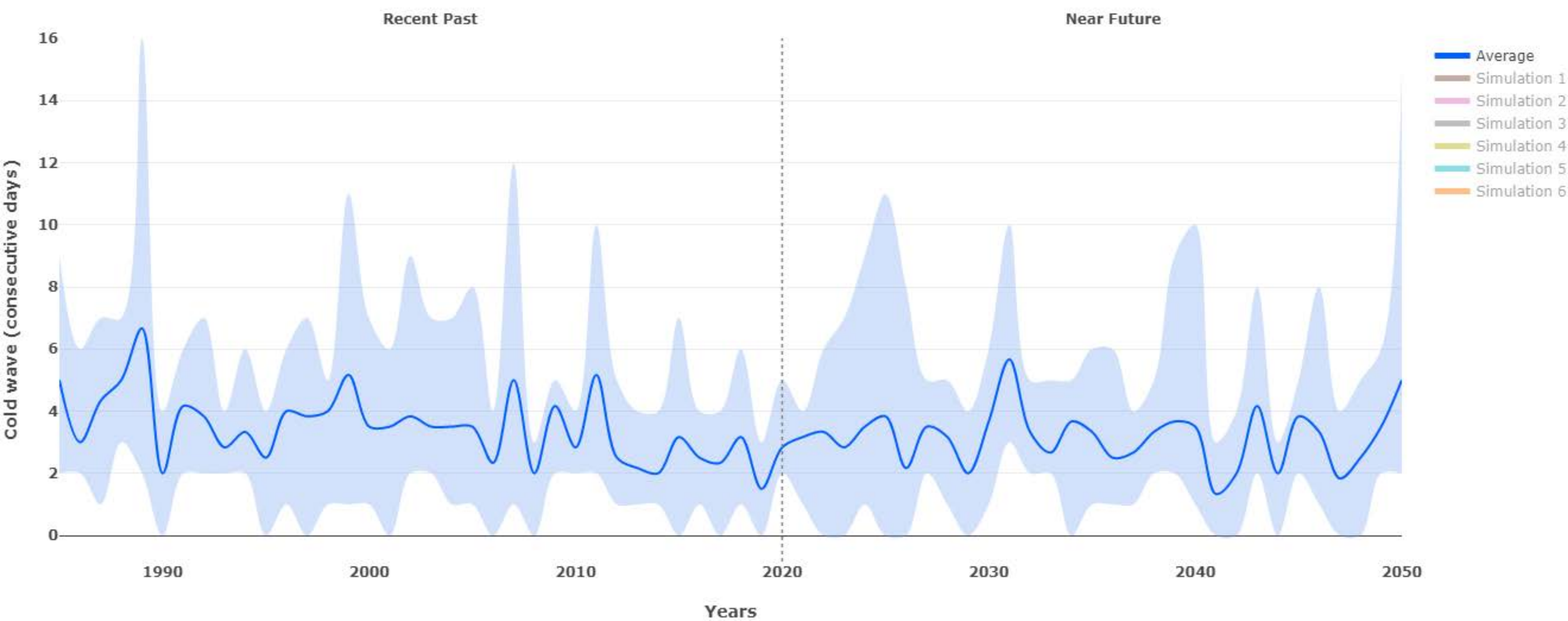
Below, the main definitions are reminded:

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- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

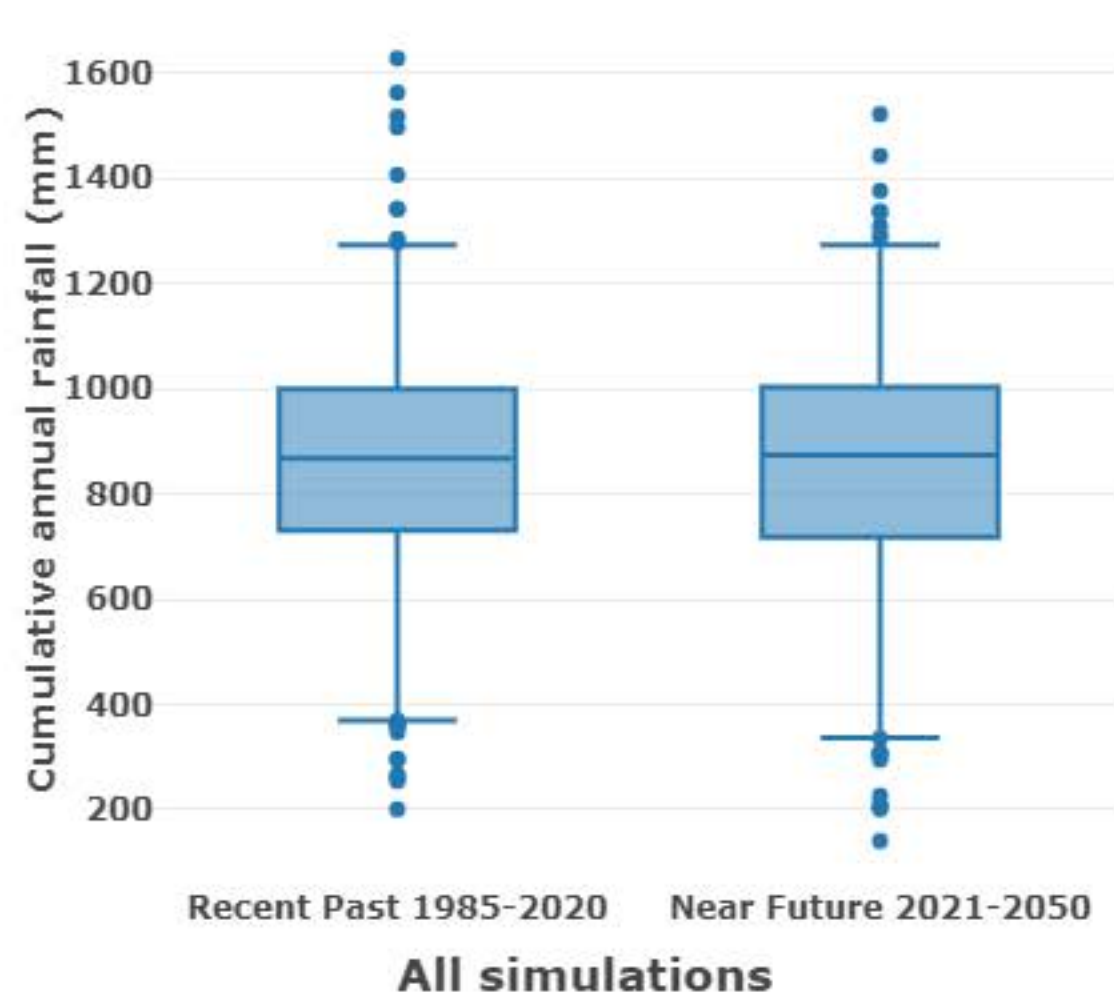
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 3.00 days. The median evolves to 3.00 days for the Near Future period (2021-2050).



Cumulative annual rainfall (mm) RCP 4.5

Sum precipitations between January 1 and December 31



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	1627.80	1521.89
95th centile	1273.26	1272.83
Q75	999.78	1002.93
Median	867.23	873.34
Q25	730.51	717.93
5th centile	369.93	336.17
Minimum	200.77	140.36

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

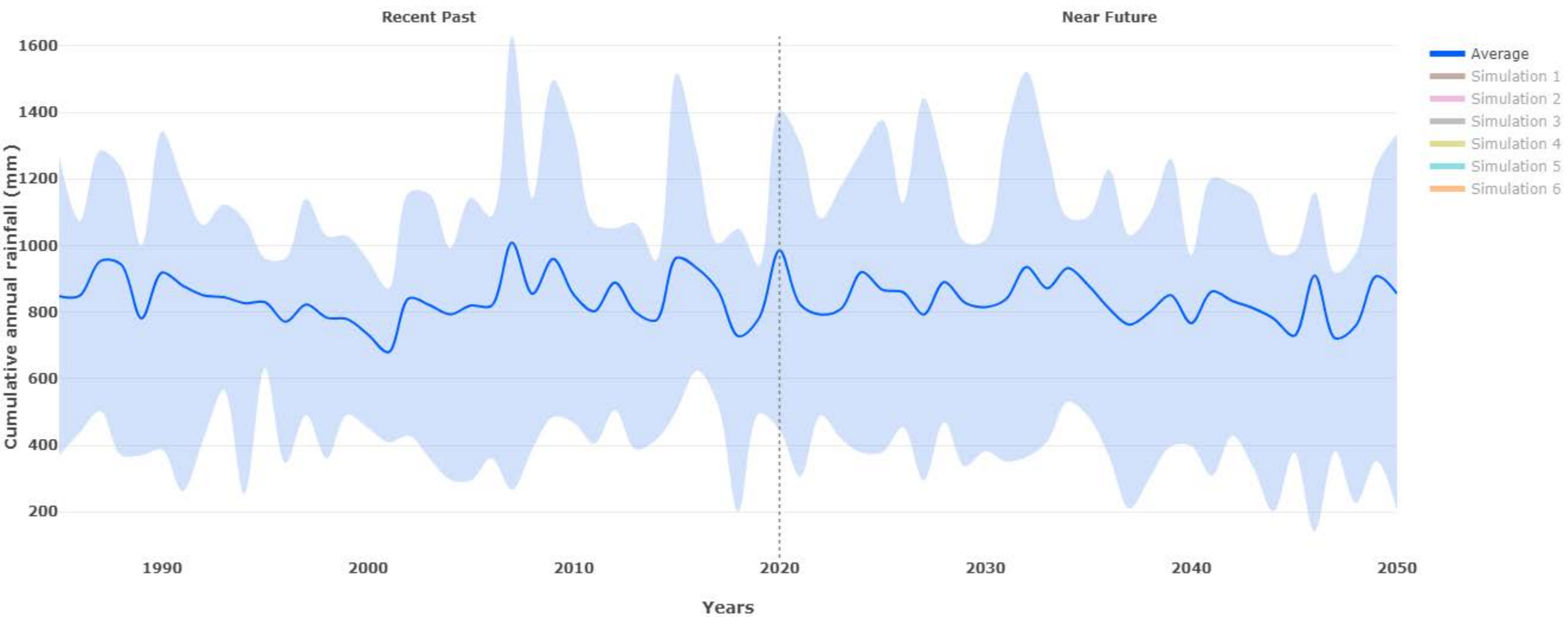
Below, the main definitions are reminded:

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- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

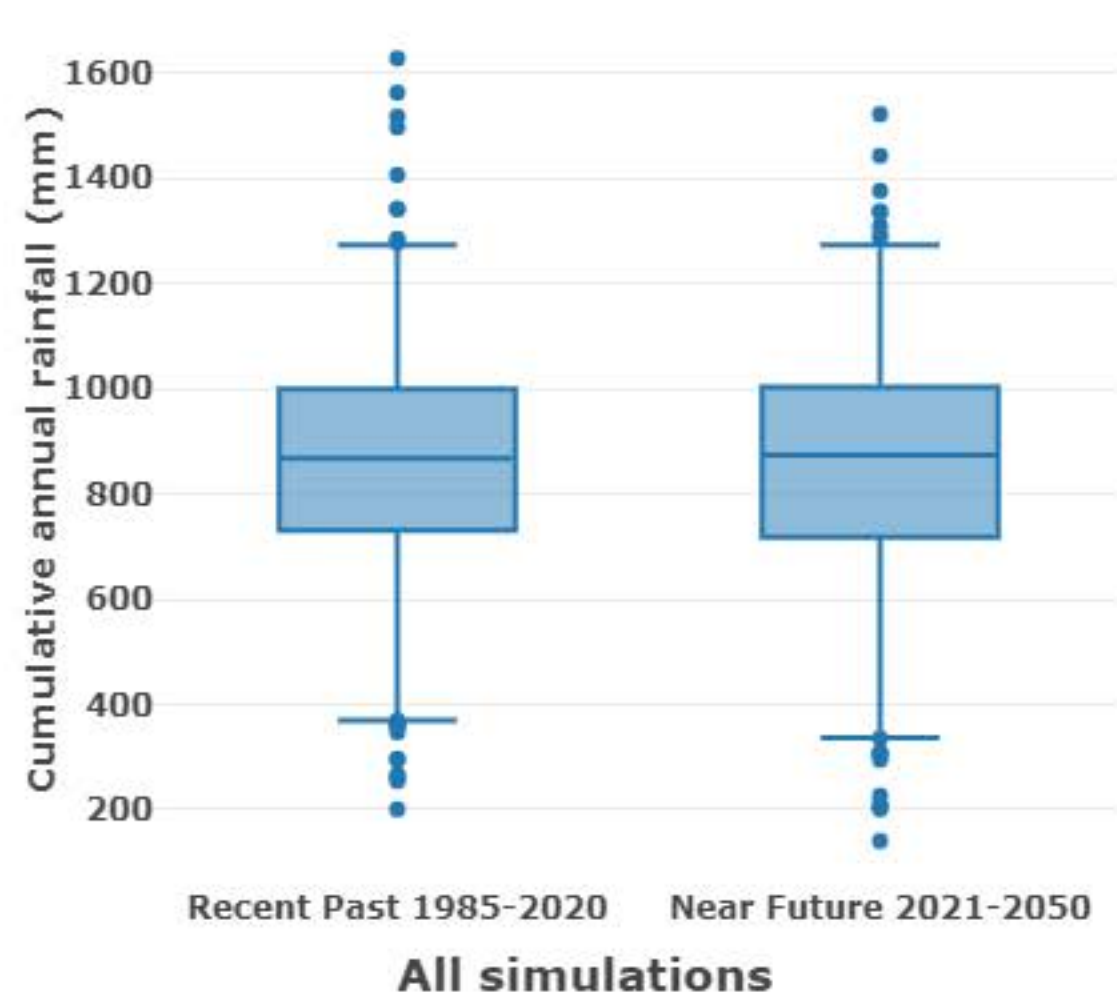
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 867.23 mm cumulated. The median evolves to 873.34 mm cumulated for the Near Future period (2021-2050).



Cumulative annual rainfall (mm) RCP 4.5

Sum precipitations between January 1 and December 31



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	1627.80	1521.89
95th centile	1273.26	1272.83
Q75	999.78	1002.93
Median	867.23	873.34
Q25	730.51	717.93
5th centile	369.93	336.17
Minimum	200.77	140.36

Understanding the boxplot (on the left side):

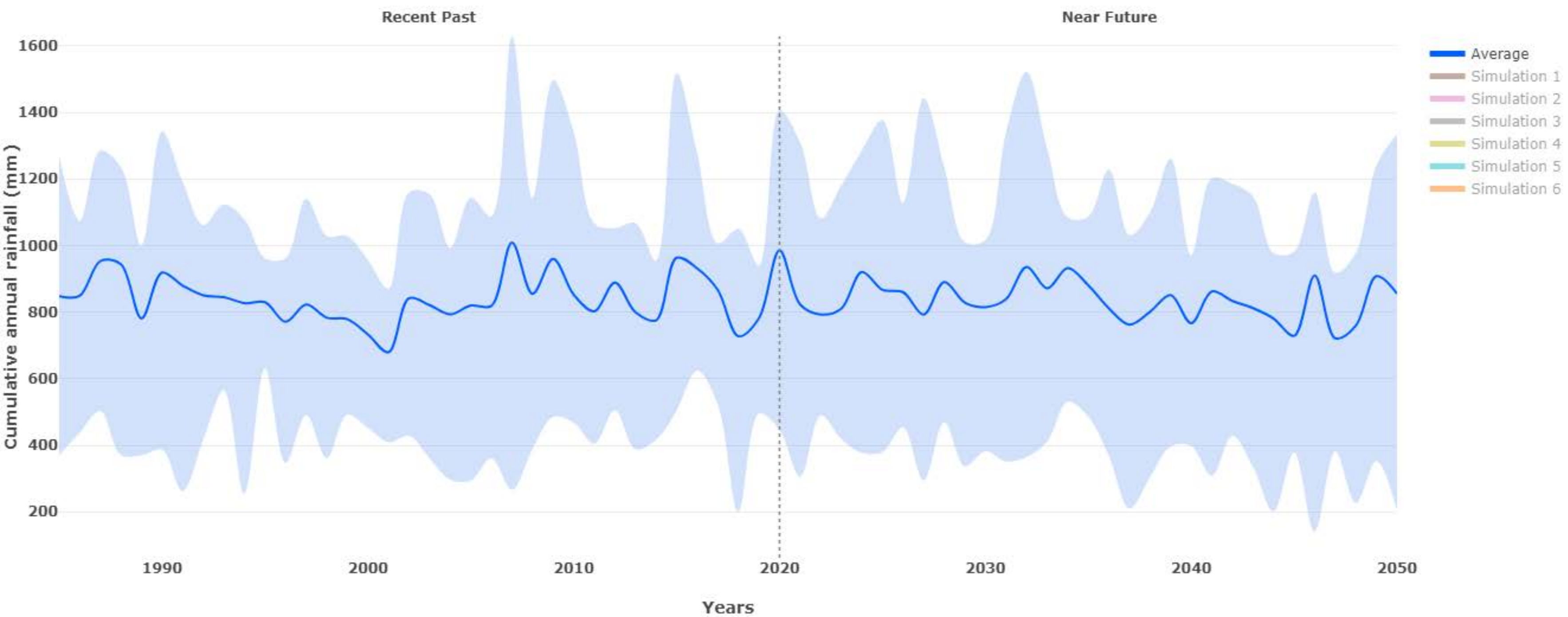
The boxplot graph layout is perfect to compare distribution between them. Below, the main definitions are reminded:

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- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

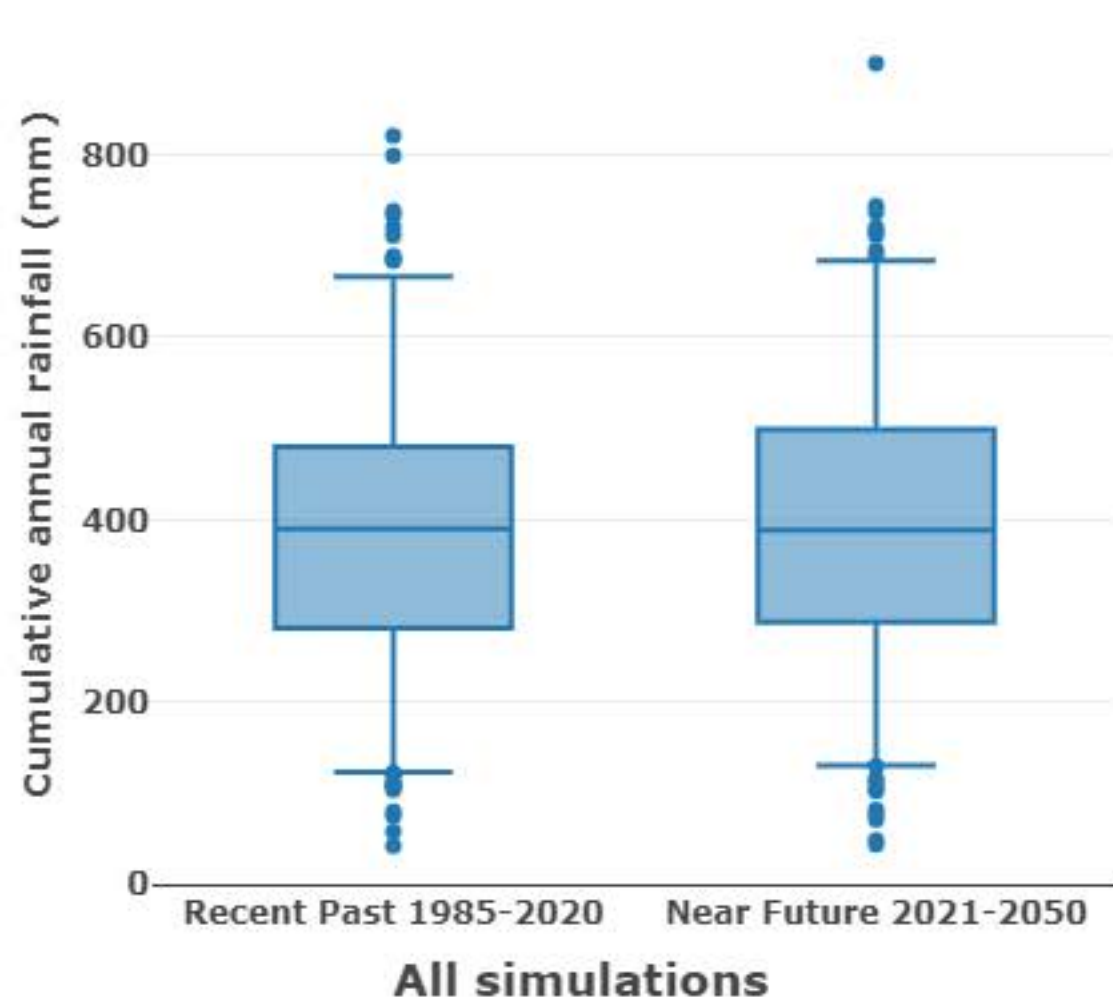
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 867.23 mm cumulated. The median evolves to 873.34 mm cumulated for the Near Future period (2021-2050).



Cumulative annual rainfall (mm) RCP 4.5

Sum precipitations between September 1 and December 31



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	820.94	900.29
95th centile	666.53	684.09
Q75	480.24	499.06
Median	389.74	388.52
Q25	280.66	287.43
5th centile	122.96	130.25
Minimum	42.03	43.58

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

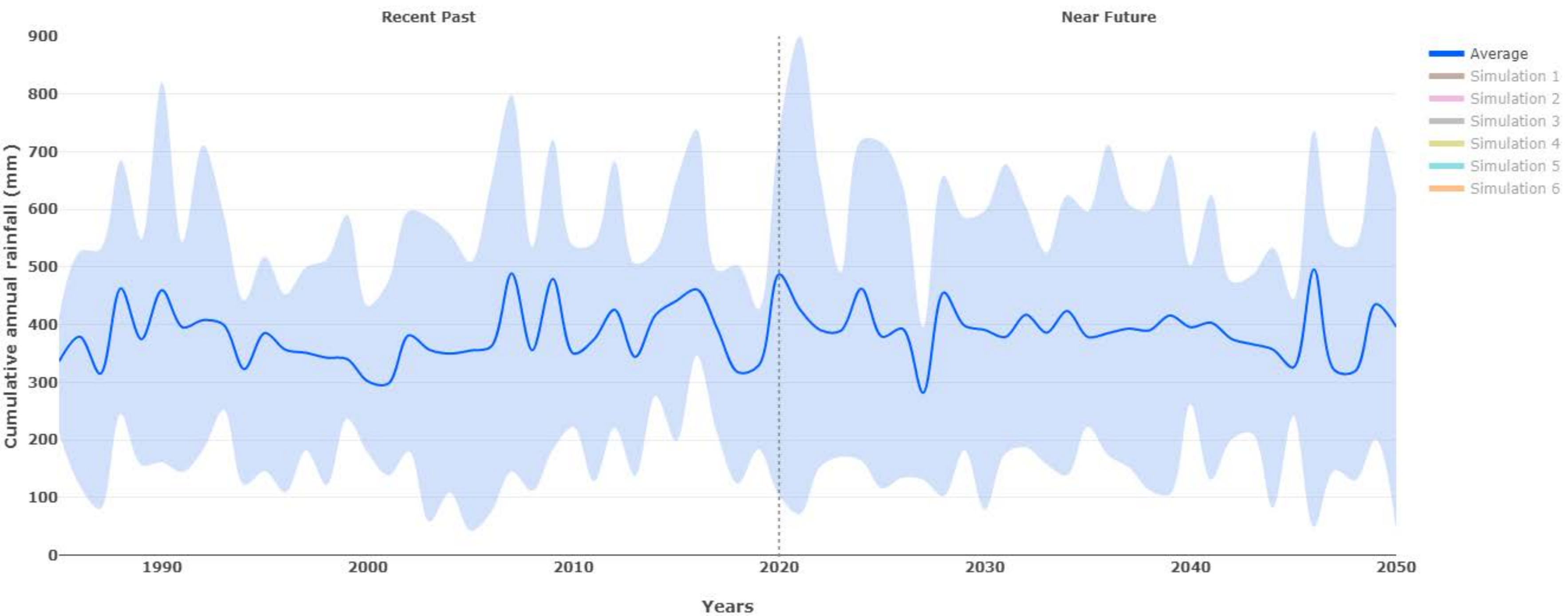
Below, the main definitions are reminded:

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- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

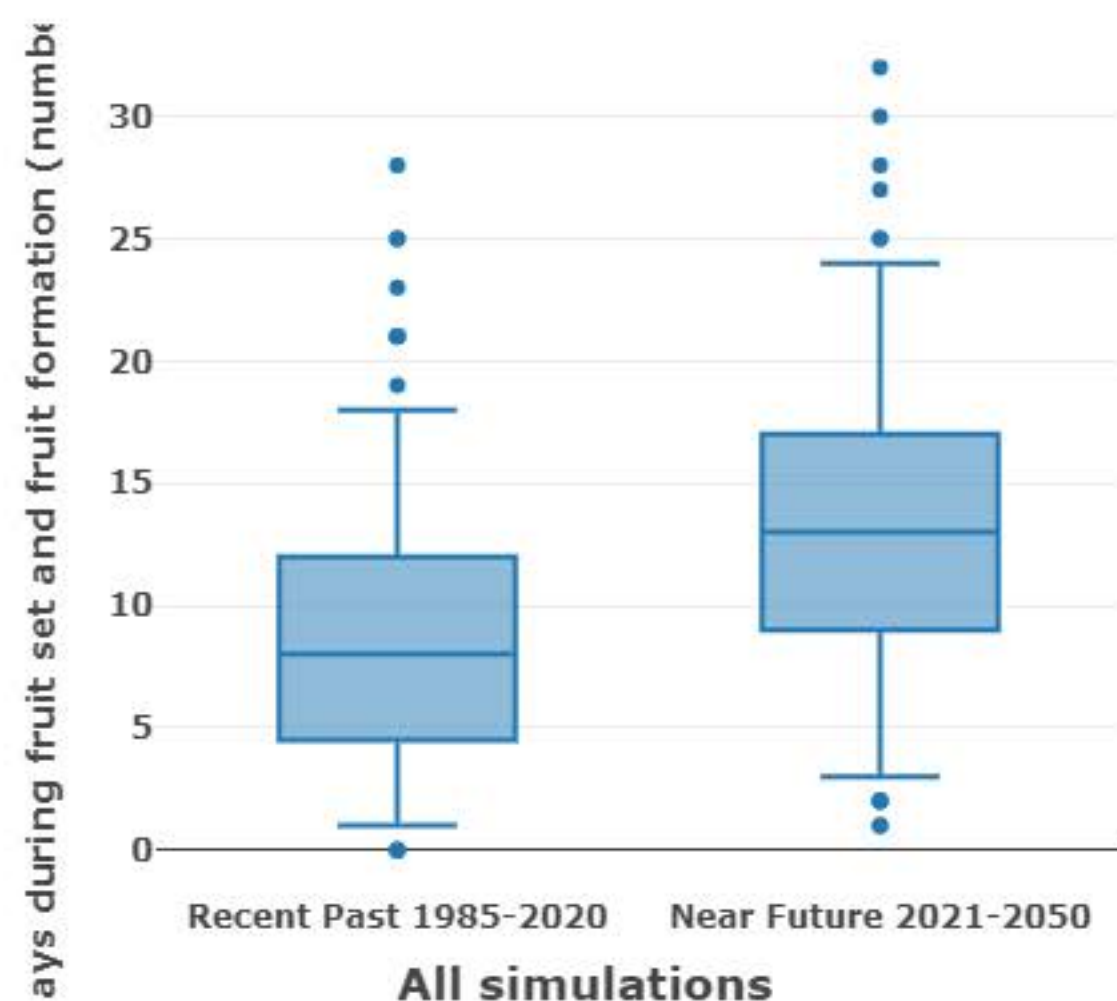
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 389.74 mm cumulated. The median evolves to 388.52 mm cumulated for the Near Future period (2021-2050).



Hot days during fruit set and fruit formation (number of days) RCP 4.5

Count of days during which temperature maximum is over 30 °C between May 1 and June 30



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	28.00	32.00
95th centile	18.00	24.00
Q75	12.00	17.00
Median	8.00	13.00
Q25	4.50	9.00
5th centile	1.00	3.00
Minimum	0.00	1.00

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

Below, the main definitions are reminded:

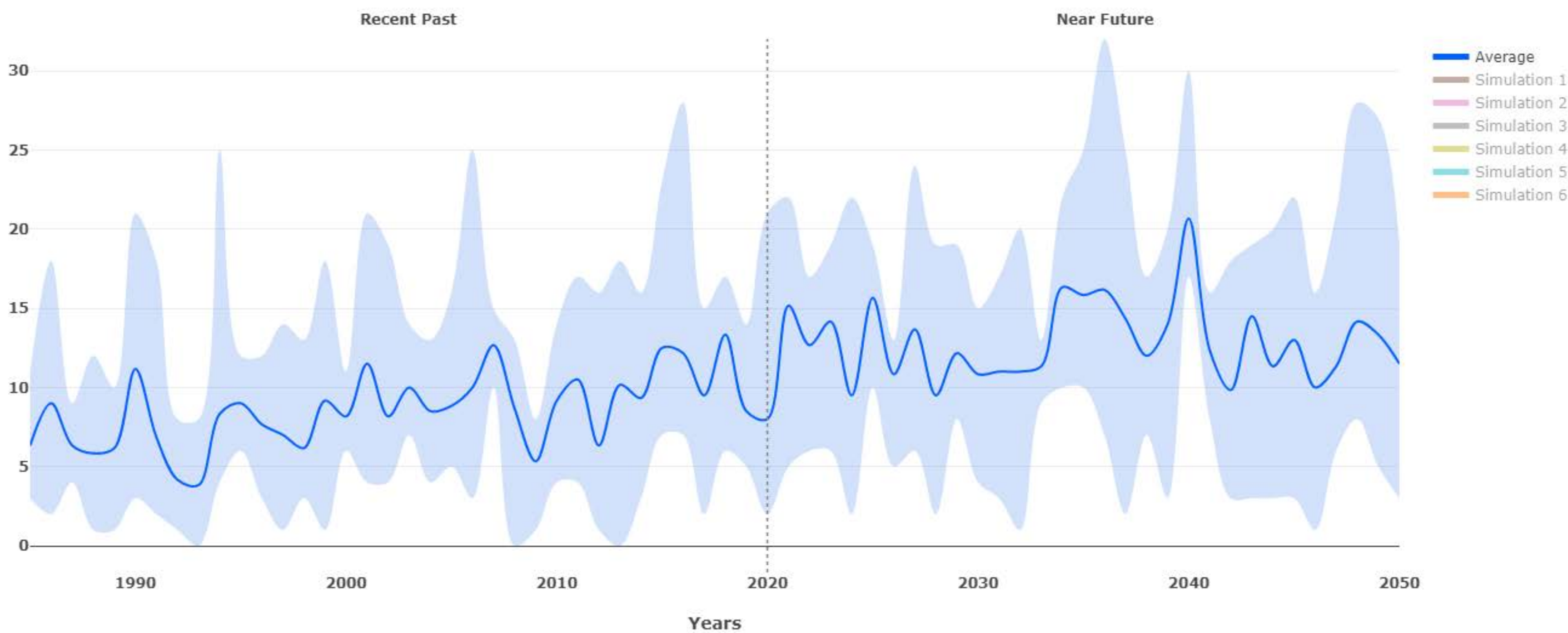
- **Q75** = upper line of the box. Mark out the upper 25% of values from the whole data set.
- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

Results analysis

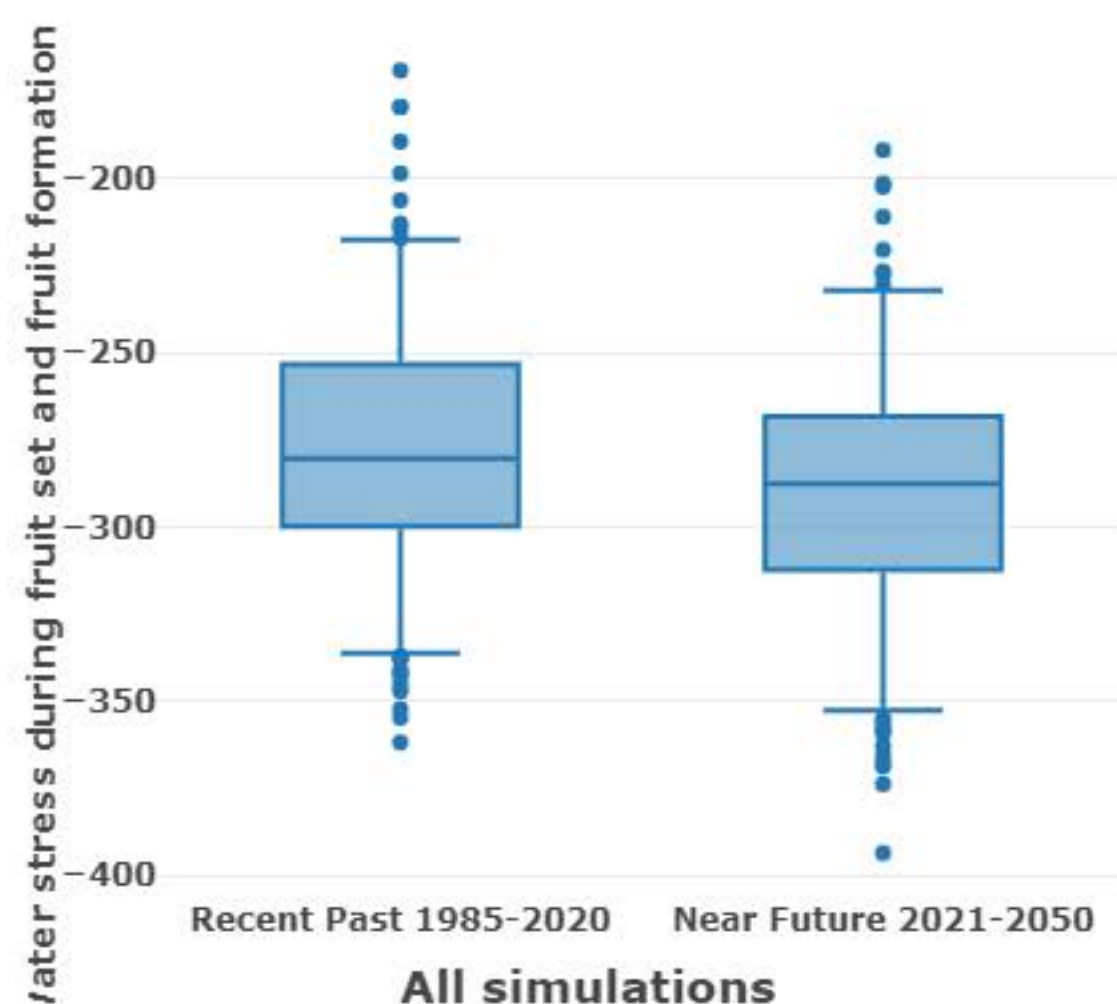
For the Recent Past period (1985-2020), the median of the indicator is 8.00 days. The median evolves to 13.00 days for the Near Future period (2021-2050).

Hot days during fruit set and fruit formation (number of days)



Water stress during fruit set and fruit formation (mm) RCP 4.5

Water stress during fruit set and fruit formation (mm) between May 1 and June 30



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	-168.96	-191.81
95th centile	-217.59	-232.02
Q75	-253.38	-268.27
Median	-280.27	-287.53
Q25	-299.81	-312.15
5th centile	-336.11	-352.63
Minimum	-361.75	-393.47

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

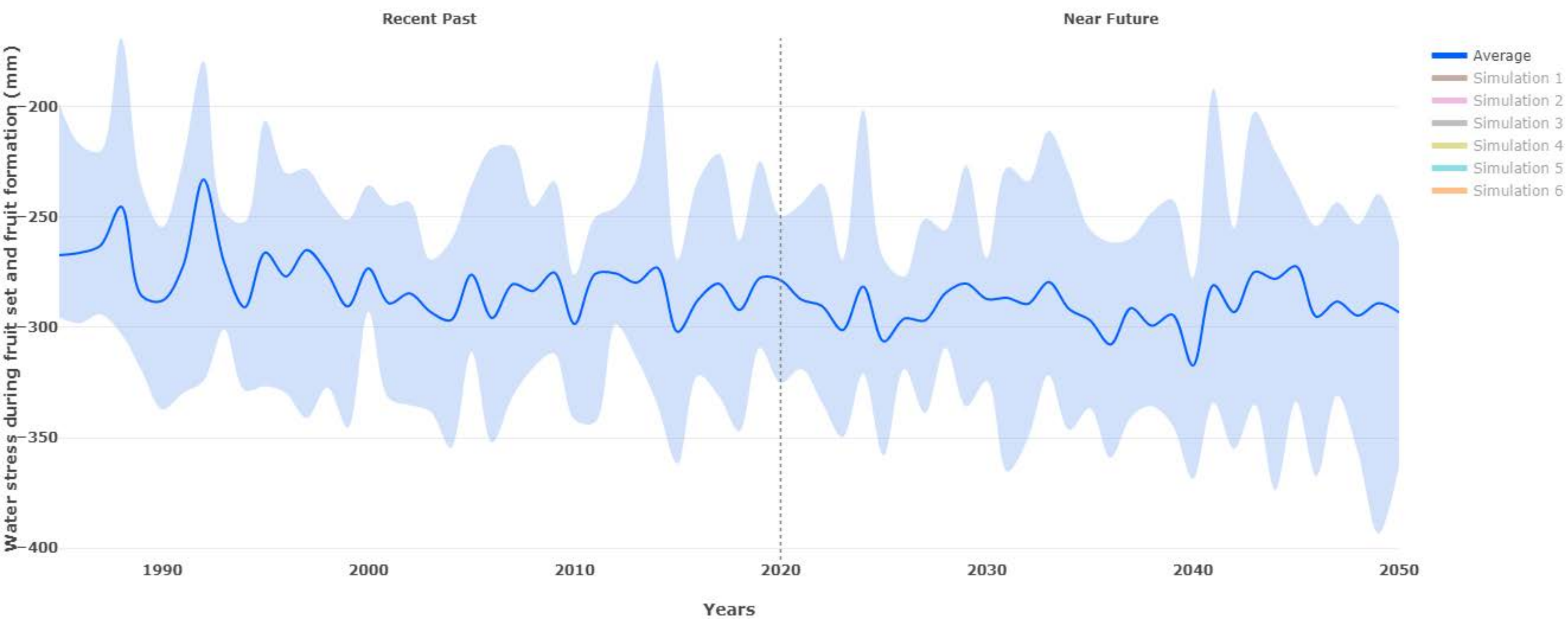
Below, the main definitions are reminded:

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- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

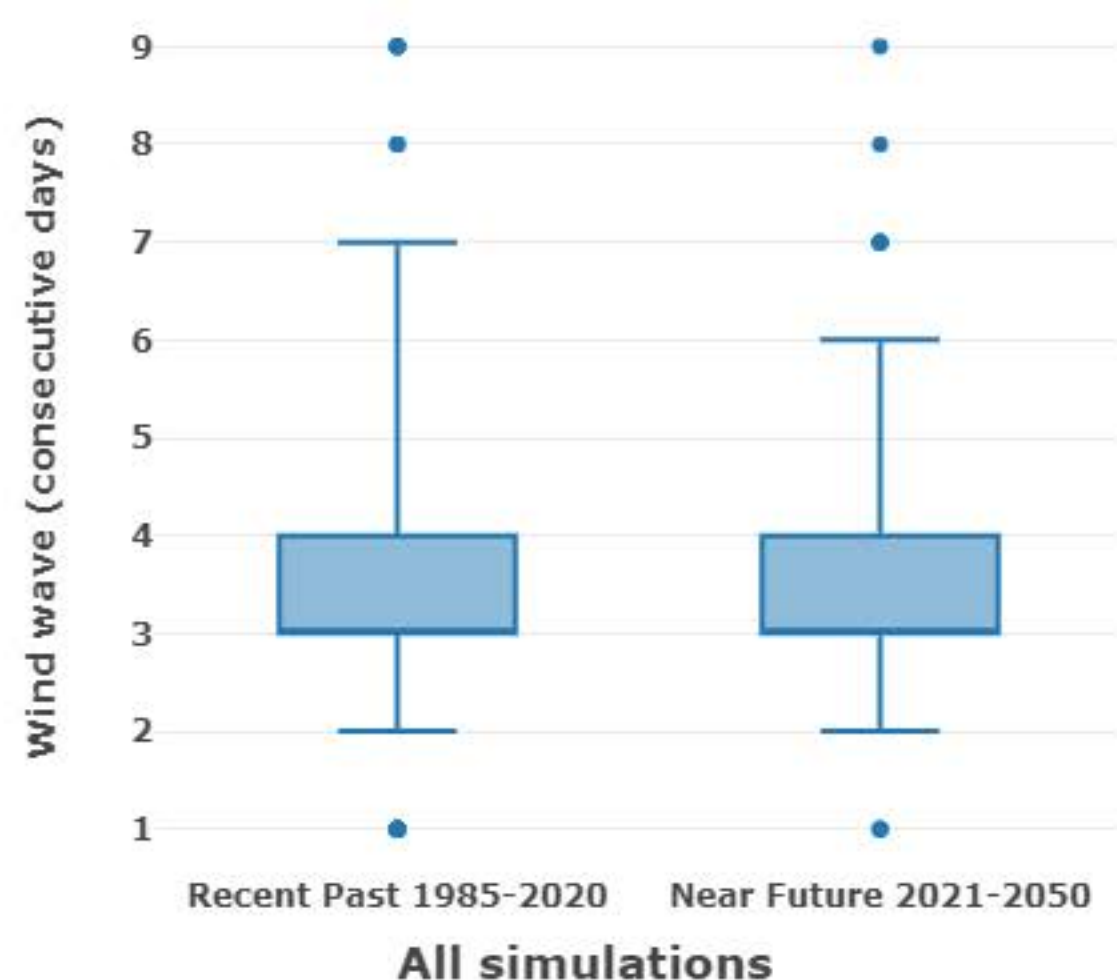
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is -280.27 mm. The median evolves to -287.53 mm for the Near Future period (2021-2050).



Wind wave (consecutive days) RCP 4.5

Wind wave (consecutive days) above 20 km/h between April 1 and May 31



Maximum
95th centile
Q75
Median
Q25
5th centile
Minimum

All simulations	
Recent Past 1985-2020	Near Future 2021-2050
9.00	9.00
7.00	6.00
4.00	4.00
3.00	3.00
3.00	3.00
2.00	2.00
1.00	1.00

Understanding the boxplot (on the left side):

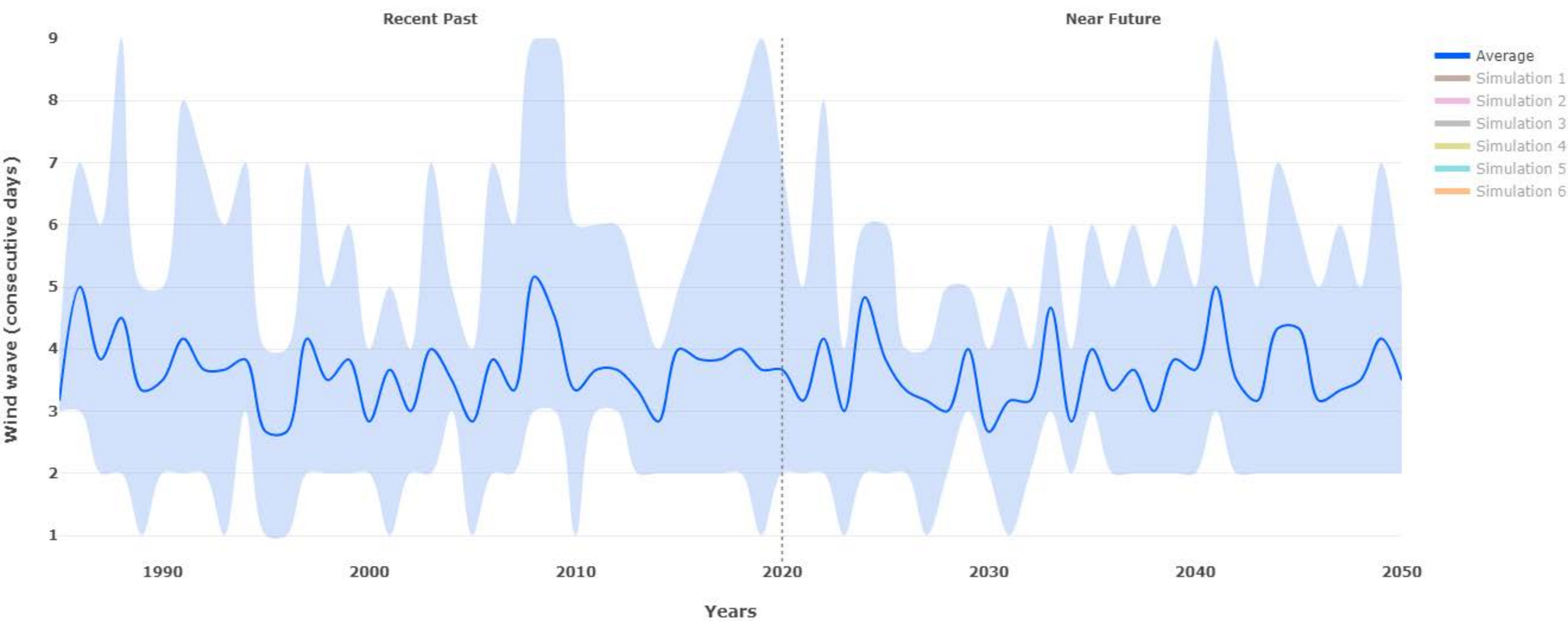
The boxplot graph layout is perfect to compare distribution between them. Below, the main definitions are reminded:

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- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

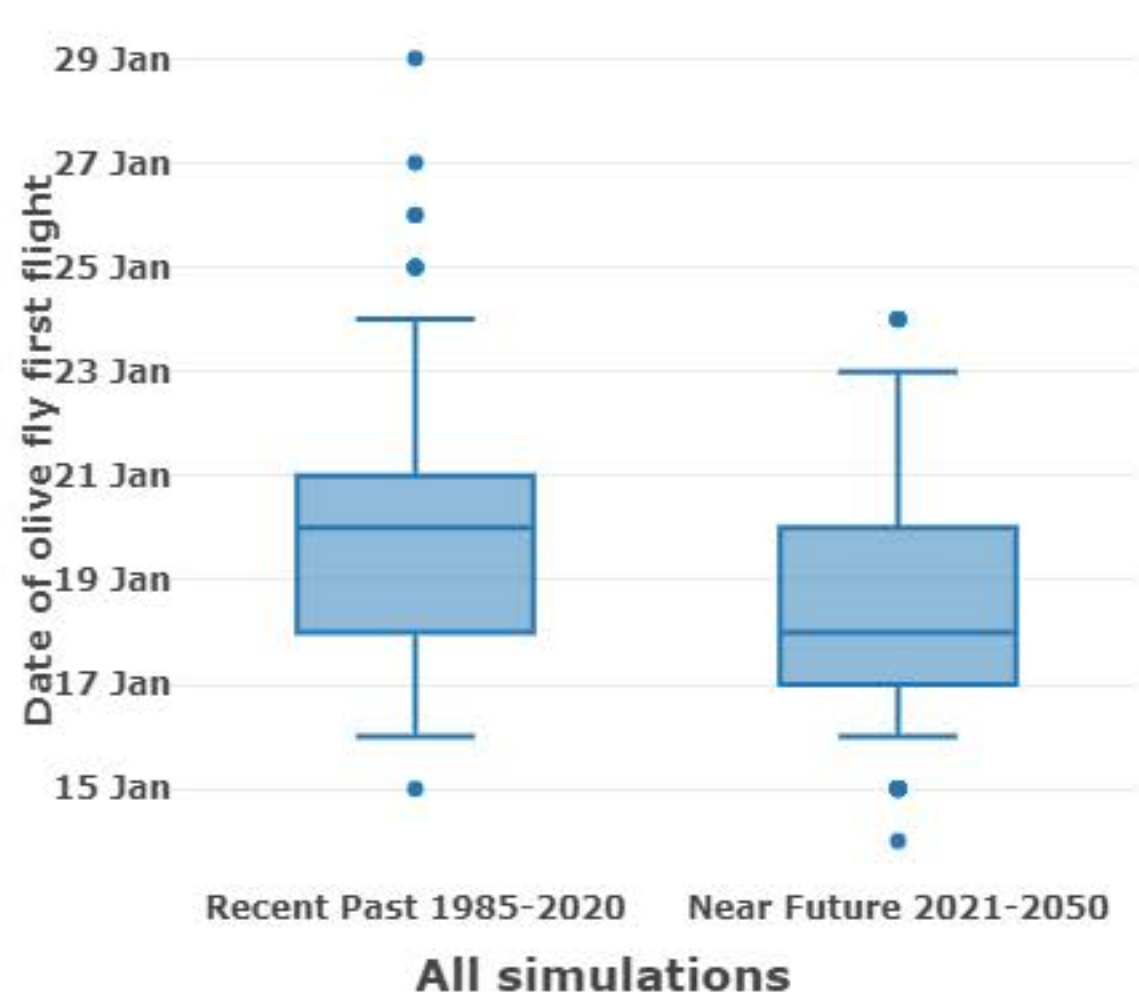
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 3.00 days. The median evolves to 3.00 days for the Near Future period (2021-2050).



Date of olive fly first flight RCP 4.5

Date on which the threshold of DJ (degree-days) is reached from January 1 with values above 0 °C



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	Jan 29	Jan 24
95th centile	Jan 24	Jan 23
Q75	Jan 21	Jan 20
Median	Jan 20	Jan 18
Q25	Jan 18	Jan 17
5th centile	Jan 16	Jan 16
Minimum	Jan 15	Jan 14

Understanding the boxplot (on the left side):

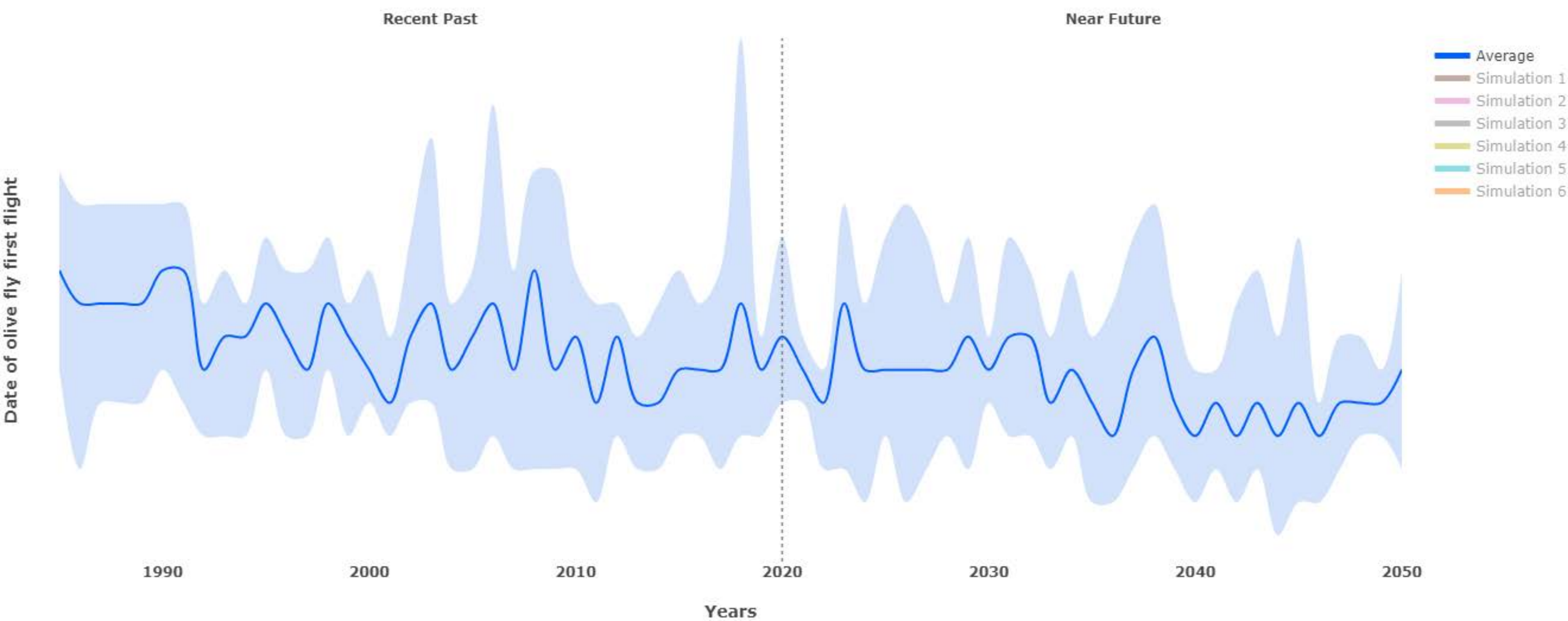
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- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
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- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

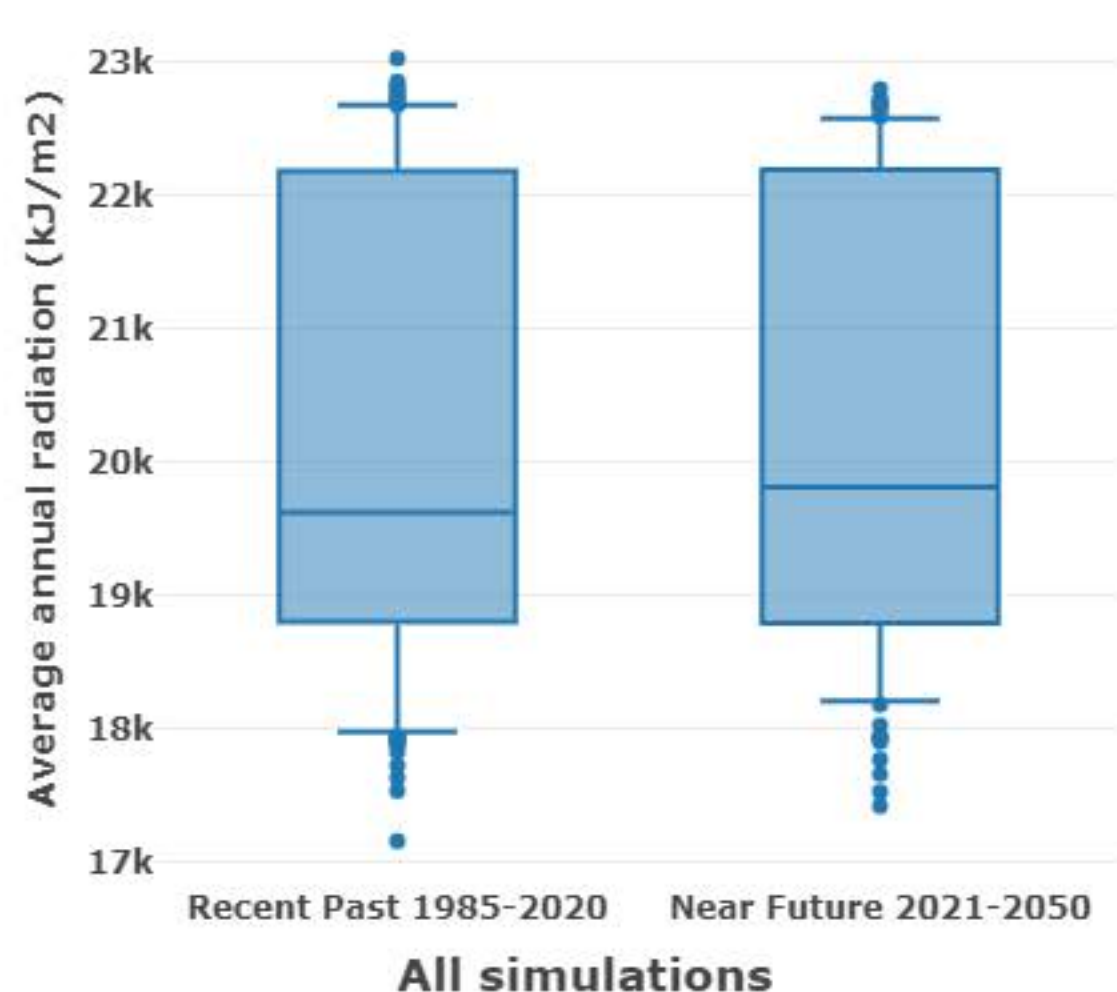
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is the Jan 20. The median evolves to the Jan 18 for the Near Future period (2021-2050).



Average annual radiation (kJ/m2) RCP 4.5

Average radiation between June 1 and December 1



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	23024.90	22794.56
95th centile	22675.63	22573.57
Q75	22180.35	22191.49
Median	19620.13	19811.27
Q25	18796.87	18789.82
5th centile	17975.79	18204.02
Minimum	17154.75	17417.14

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

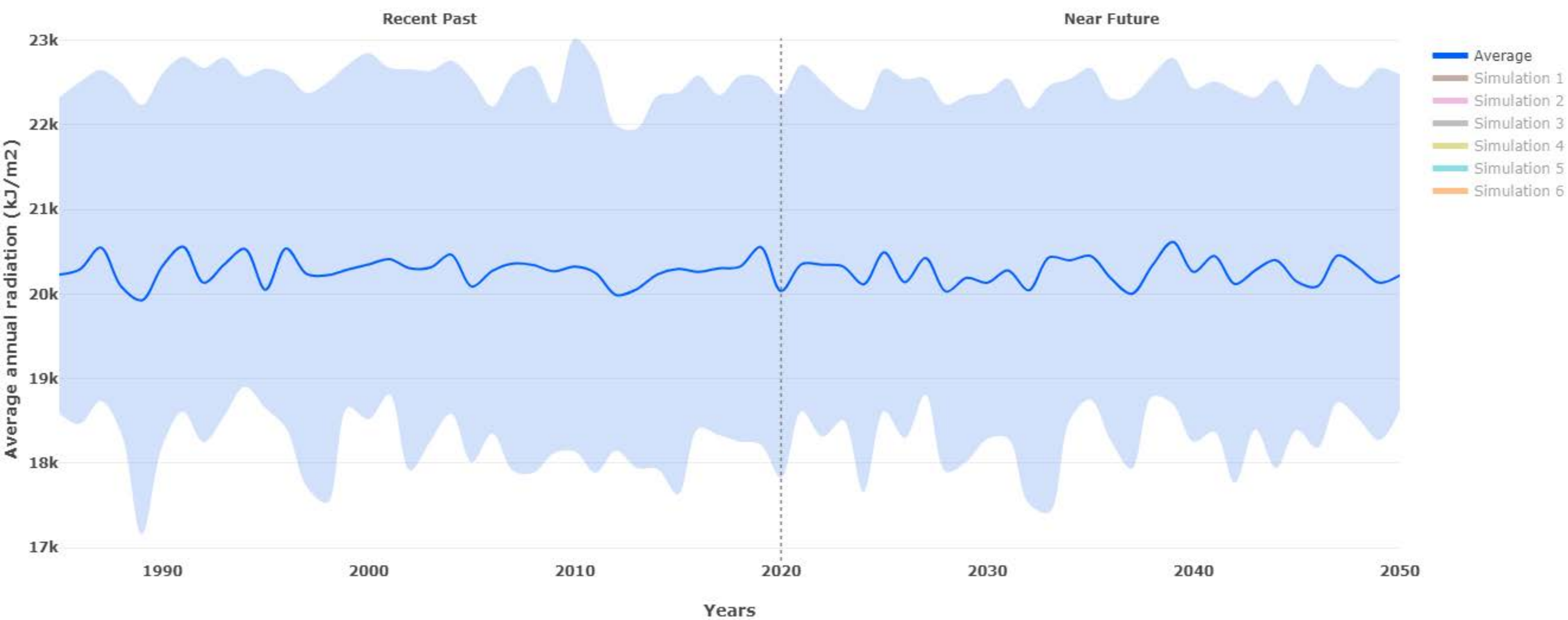
Below, the main definitions are reminded:

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- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

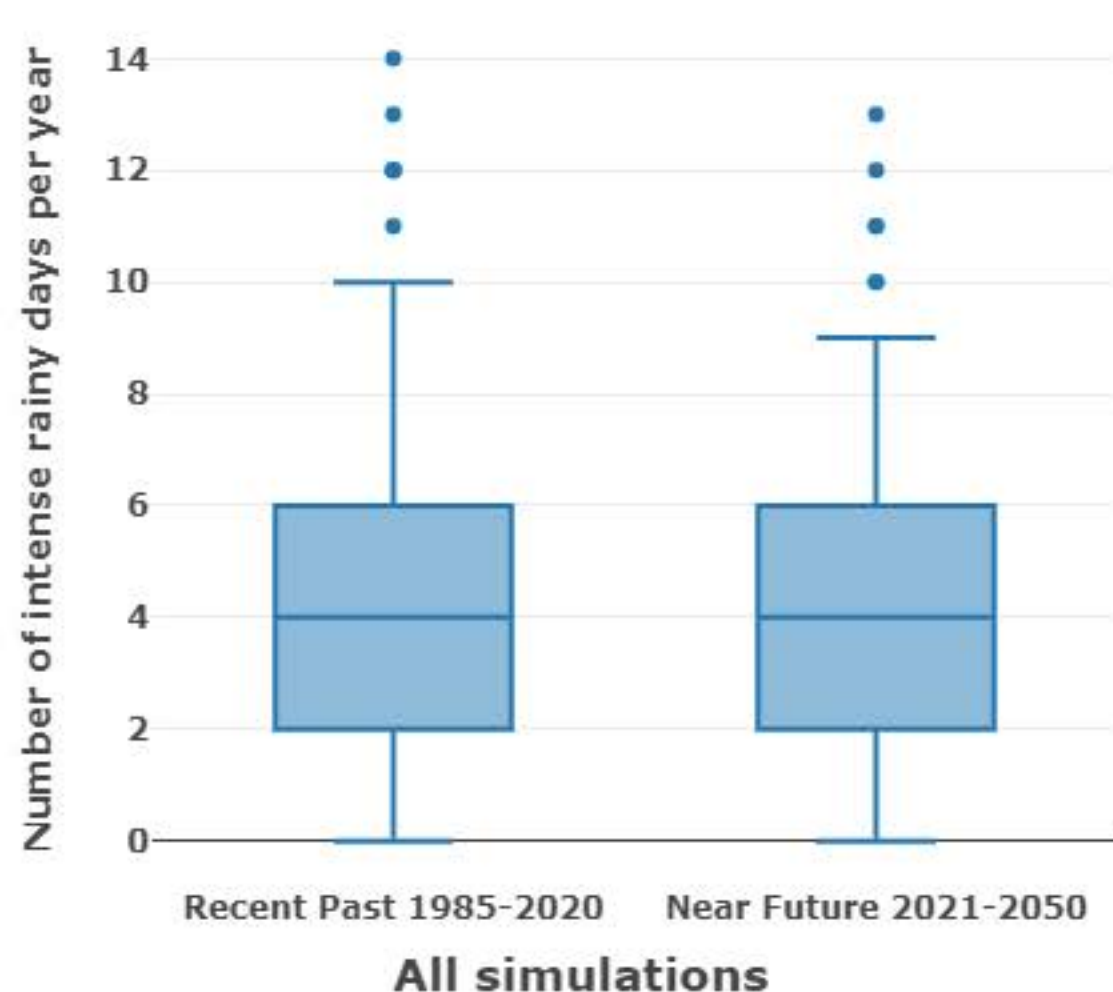
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 19620.13 KJ/m². The median evolves to 19811.27 KJ/m² for the Near Future period (2021-2050).



Number of intense rainy days per year RCP 4.5

Count of days during which cumul of precipitation is over 30 mm between January 1 and December 31



	All simulations	
	Recent Past 1985-2020	Near Future 2021-2050
Maximum	14.00	13.00
95th centile	10.00	9.00
Q75	6.00	6.00
Median	4.00	4.00
Q25	2.00	2.00
5th centile	0.00	0.00
Minimum	0.00	0.00

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

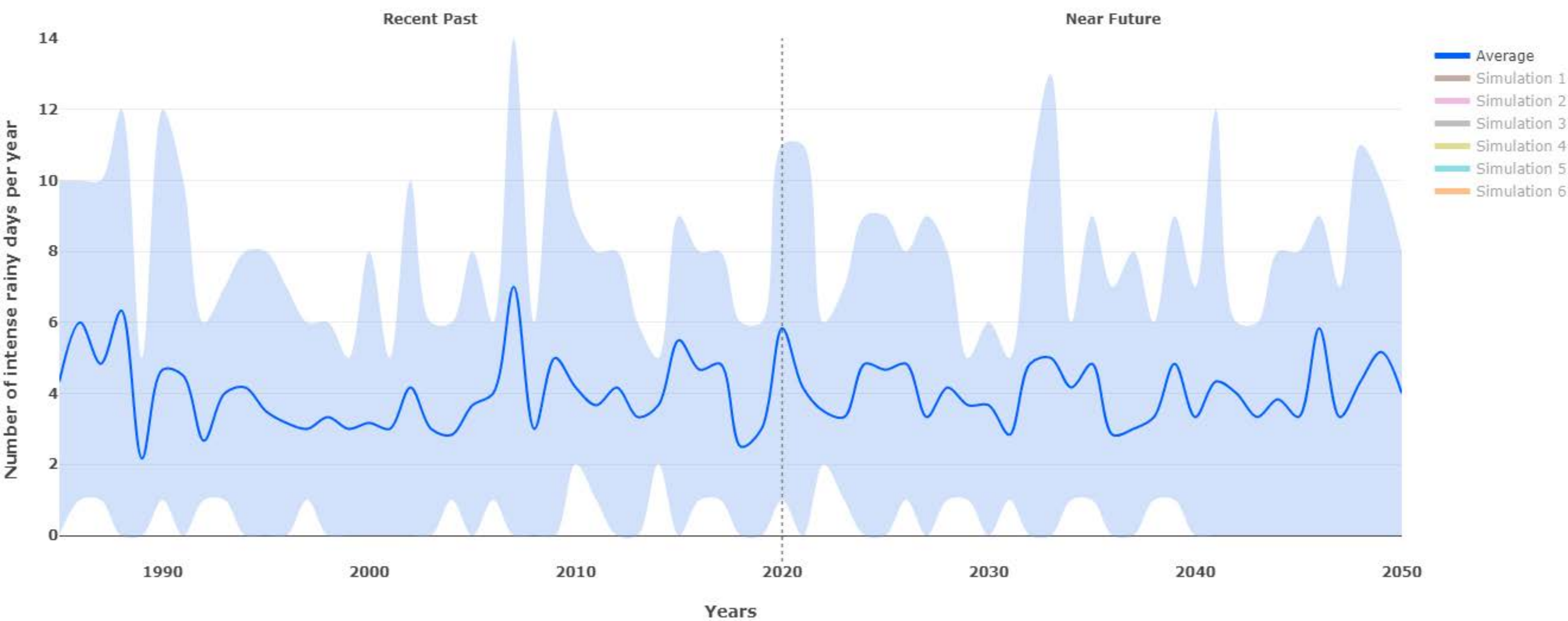
Below, the main definitions are reminded:

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- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

Results analysis

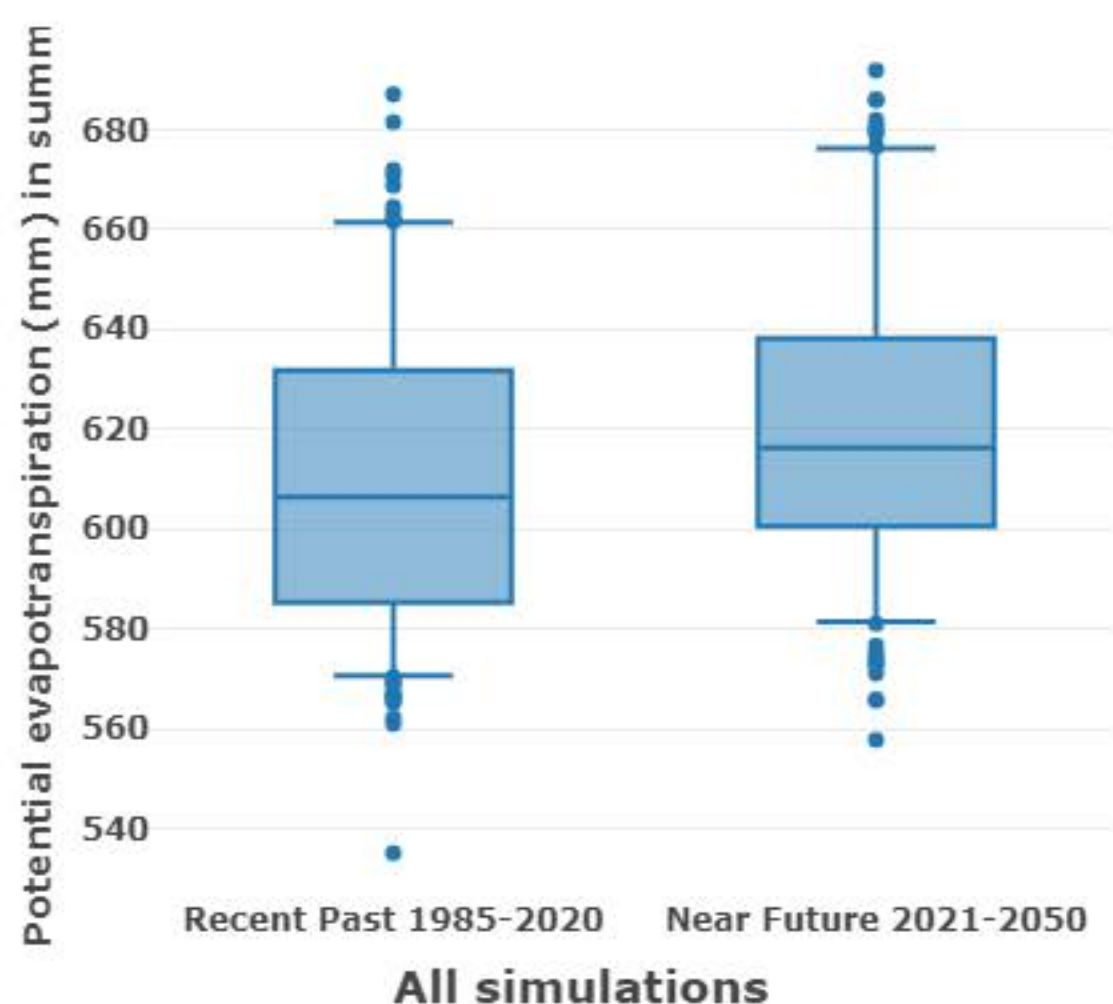
For the Recent Past period (1985-2020), the median of the indicator is 4.00 days. The median evolves to 4.00 days for the Near Future period (2021-2050).



Potential evapotranspiration (mm) in summer

RCP 4.5

Sum ETP between June 1 and September 30



Maximum
95th centile
Q75
Median
Q25
5th centile
Minimum

All simulations	
Recent Past 1985-2020	Near Future 2021-2050
687.00	691.78
661.37	676.24
631.72	638.10
606.31	616.29
585.33	600.46
570.55	581.45
535.10	557.73

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them.

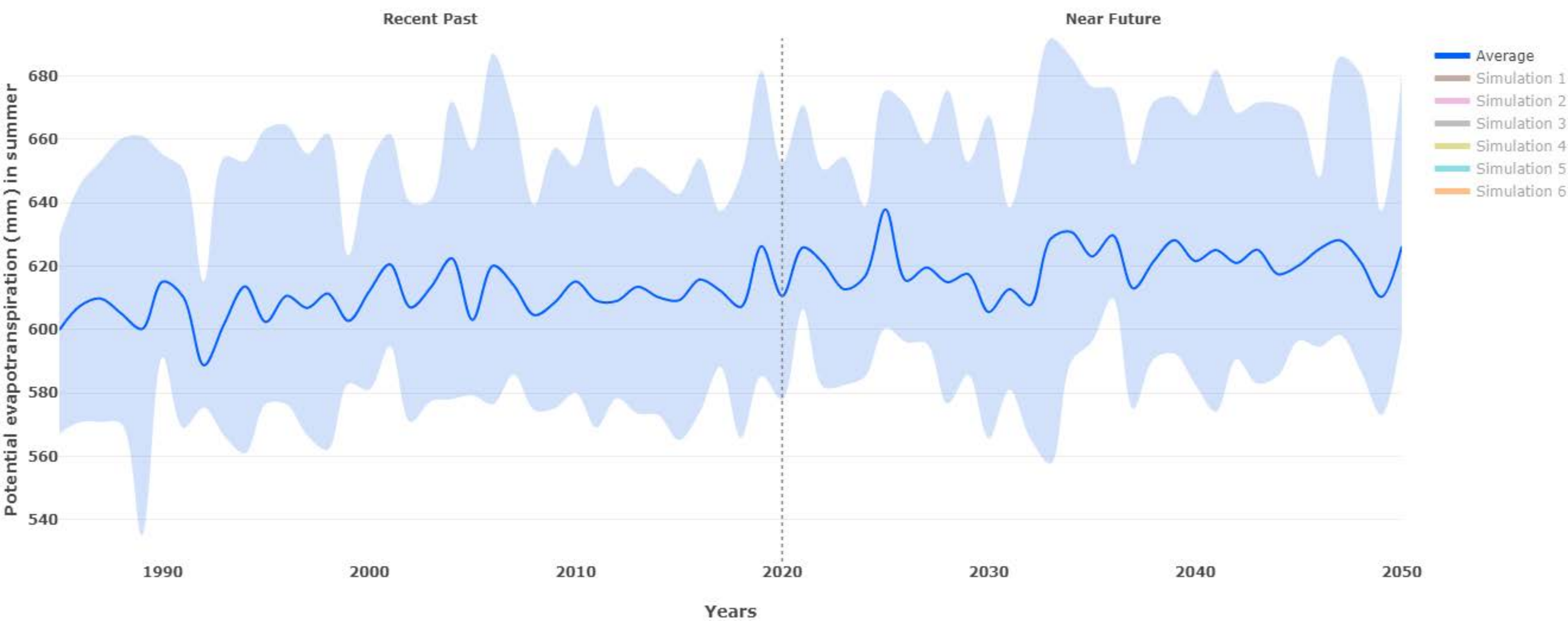
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- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
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The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

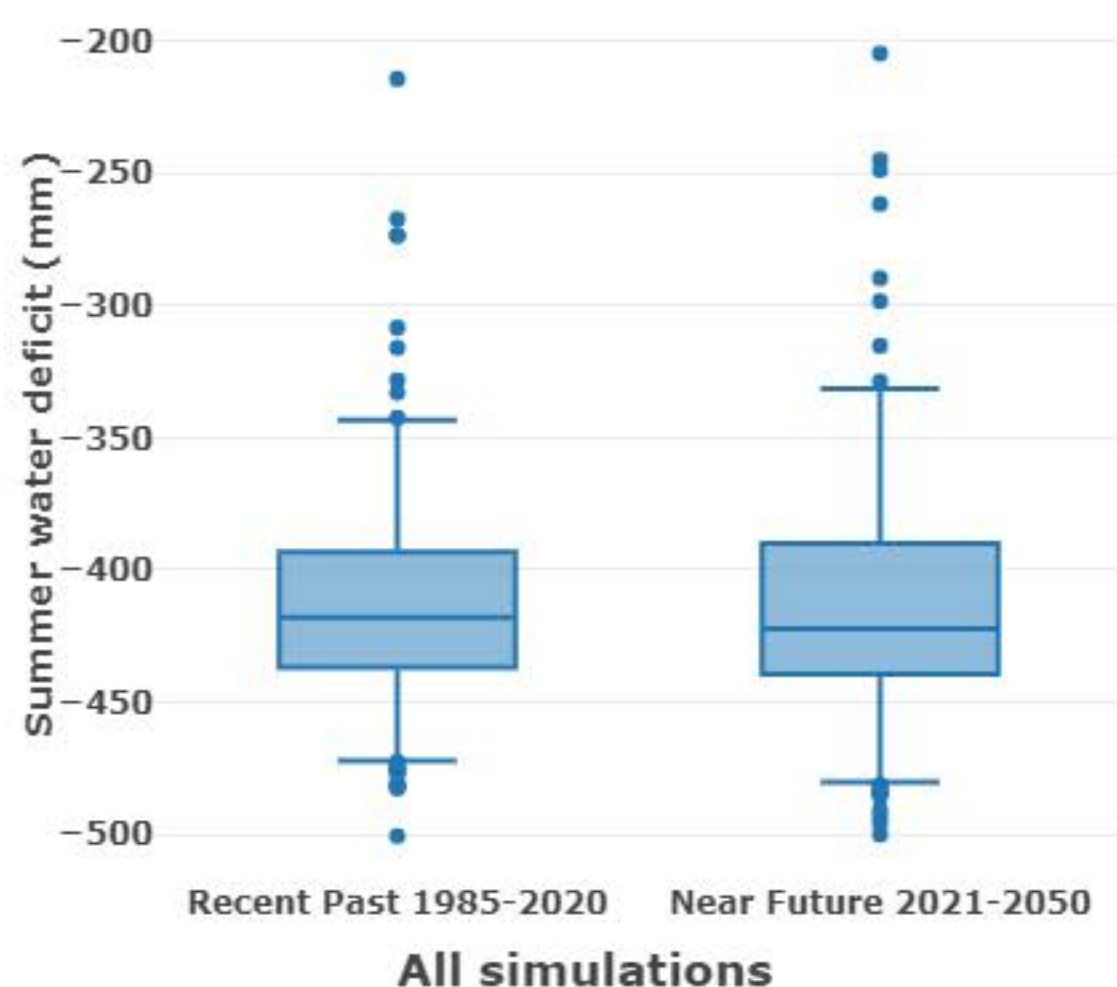
Results analysis

For the Recent Past period (1985-2020), the median of the indicator is 606.31 mm cumulated. The median evolves to 616.29 mm cumulated for the Near Future period (2021-2050).



Summer water deficit (mm) RCP 4.5

Summer water deficit (mm) between July 1 and September 30



Maximum
95th centile
Q75
Median
Q25
5th centile
Minimum

All simulations	
Recent Past 1985-2020	Near Future 2021-2050
-214.40	-204.84
-343.36	-331.43
-393.35	-389.90
-417.93	-422.20
-436.90	-439.34
-472.19	-480.21
-500.55	-500.01

Understanding the boxplot (on the left side):

The boxplot graph layout is perfect to compare distribution between them. Below, the main definitions are reminded:

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- **Median** = line inside the box. Value splitting the data set in half.
- **Q25** = lower line of the box. Mark out the lower 25% of values from the whole data set.
- **95th and 5th centile** = fences, lines above and below the box.
- **Circle** = values outside the fences, showing 5% of upper and lower values of the whole data set.

The distribution is based on all the values from the 6 climate models for each time period: Recent Past, Near Future, Far Future.

Results analysis

For the Recent Past period (1985-2020), the median of the indicator is -417.93 mm. The median evolves to -422.20 mm for the Near Future period (2021-2050).

