



Appendix B – Maps of seasonal temperature and precipitation changes for the Mediterranean Basin

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Climate and Environmental Change in the Mediterranean Basin – Current Situation and Risks for the Future

First Mediterranean Assessment Report (MAR1)

Appendix B

Appendix to Chapter 2 Drivers Maps of projected temperature and precipitation changes for the Mediterranean Basin

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(Final text before page editing for print)

B.1 Projected winter temperature changes for the Mediterranean Basin

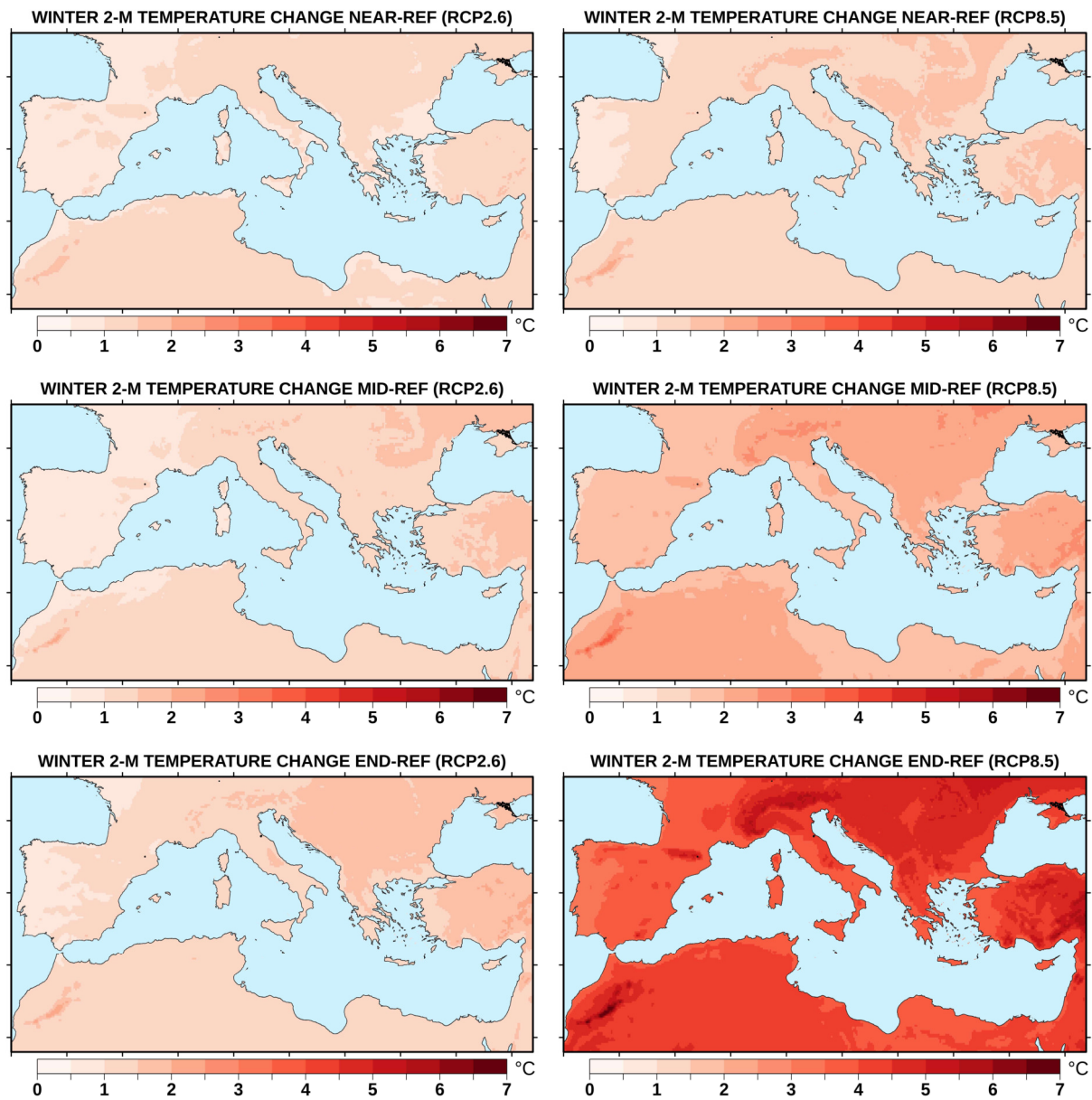


Figure B.1 | Projected changes of winter (December, January, February) temperatures between the recent past reference period (REF: 1980-1999) and three future sub-periods (NEAR: 2020-2039, MID: 2040-2059, END: 2080-2099), based on the ensemble mean results of EURO-CORDEX high-resolution simulations for pathways RCP2.6 (left panels) and RCP8.5 (right panels).

B.2 Projected spring temperature changes for the Mediterranean Basin

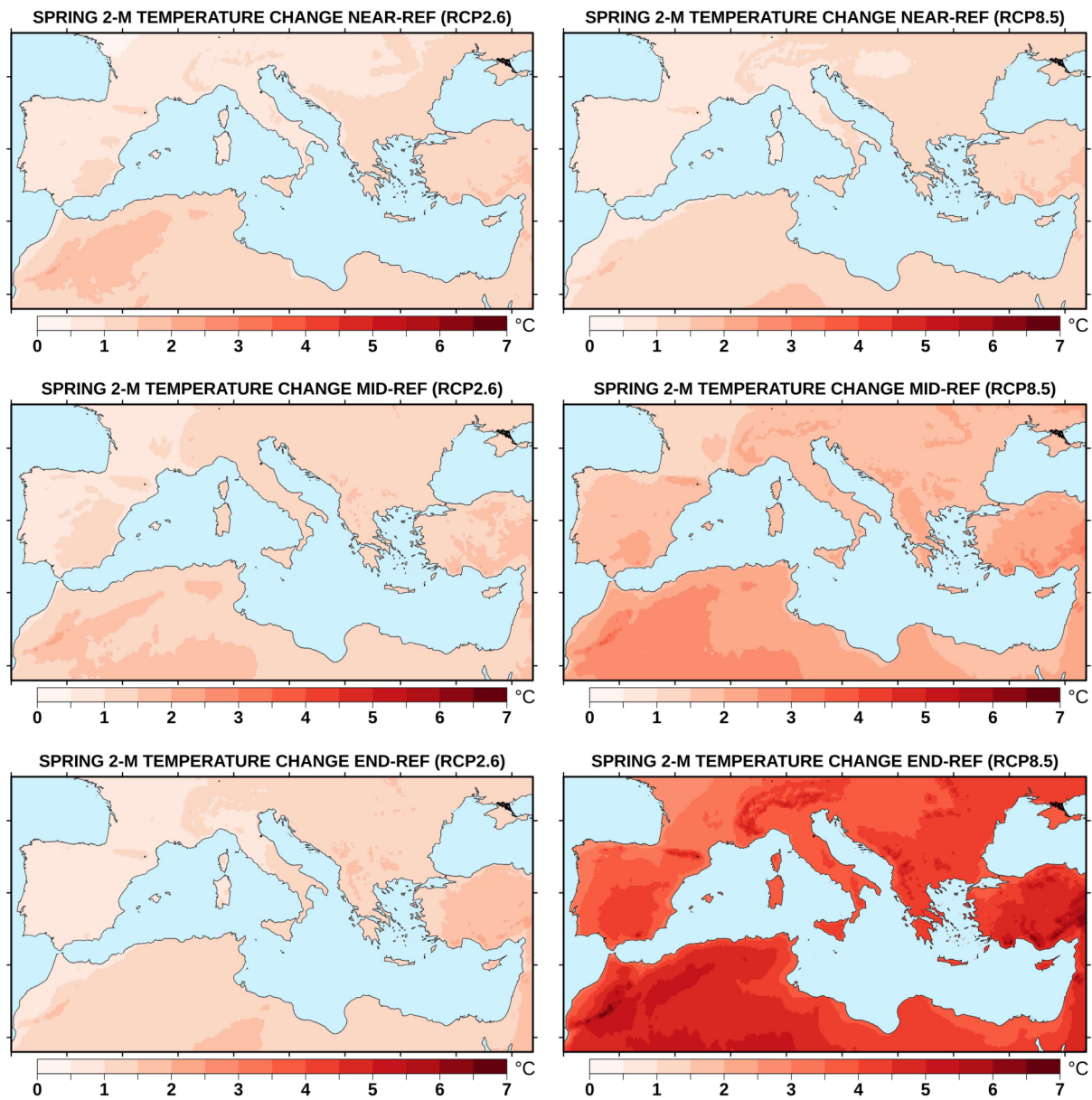


Figure B.2| Projected changes of spring (March, April, May) temperatures between the recent past reference period (REF: 1980-1999) and three future sub-periods (NEAR: 2020-2039, MID: 2040-2059, END: 2080-2099), based on the ensemble mean results of EURO-CORDEX high-resolution simulations for pathways RCP2.6 (left panels) and RCP8.5 (right panels).

B.3 Projected summer temperature changes for the Mediterranean Basin

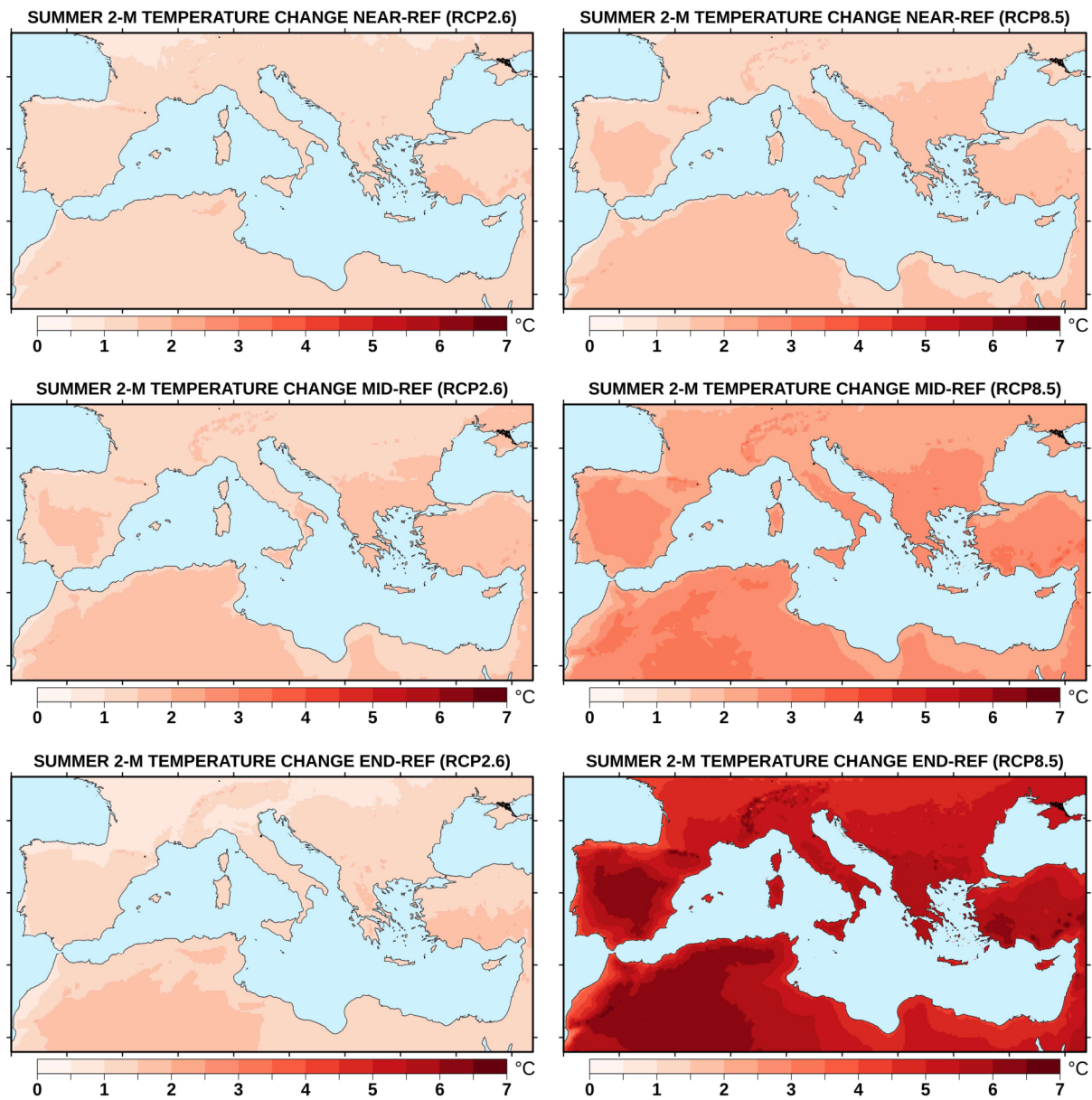


Figure B.3 | Projected changes of summer (June, July, August) temperatures between the recent past reference period (REF: 1980-1999) and three future sub-periods (NEAR: 2020-2039, MID: 2040-2059, END: 2080-2099), based on the ensemble mean results of EURO-CORDEX high-resolution simulations for pathways RCP2.6 (left panels) and RCP8.5 (right panels).

B.4 Projected autumn temperature changes for the Mediterranean Basin

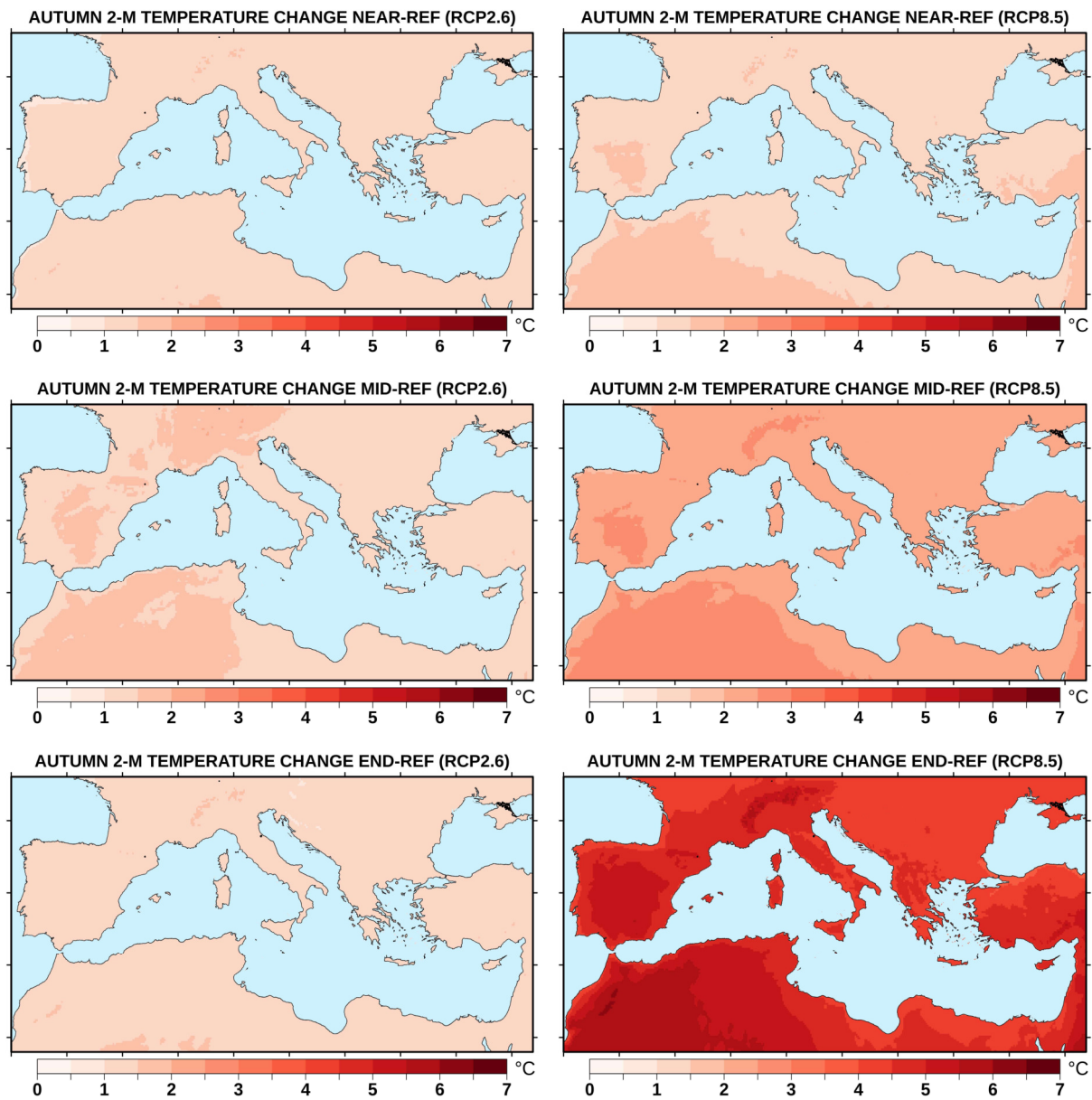


Figure B.4 | Projected changes of autumn (September, October, November) temperatures between the recent past reference period (REF: 1980-1999) and three future sub-periods (NEAR: 2020-2039, MID: 2040-2059, END: 2080-2099), based on the ensemble mean results of EURO-CORDEX high-resolution simulations for pathways RCP2.6 (left panels) and RCP8.5 (right panels).

B.5 Projected winter precipitation changes for the Mediterranean Basin

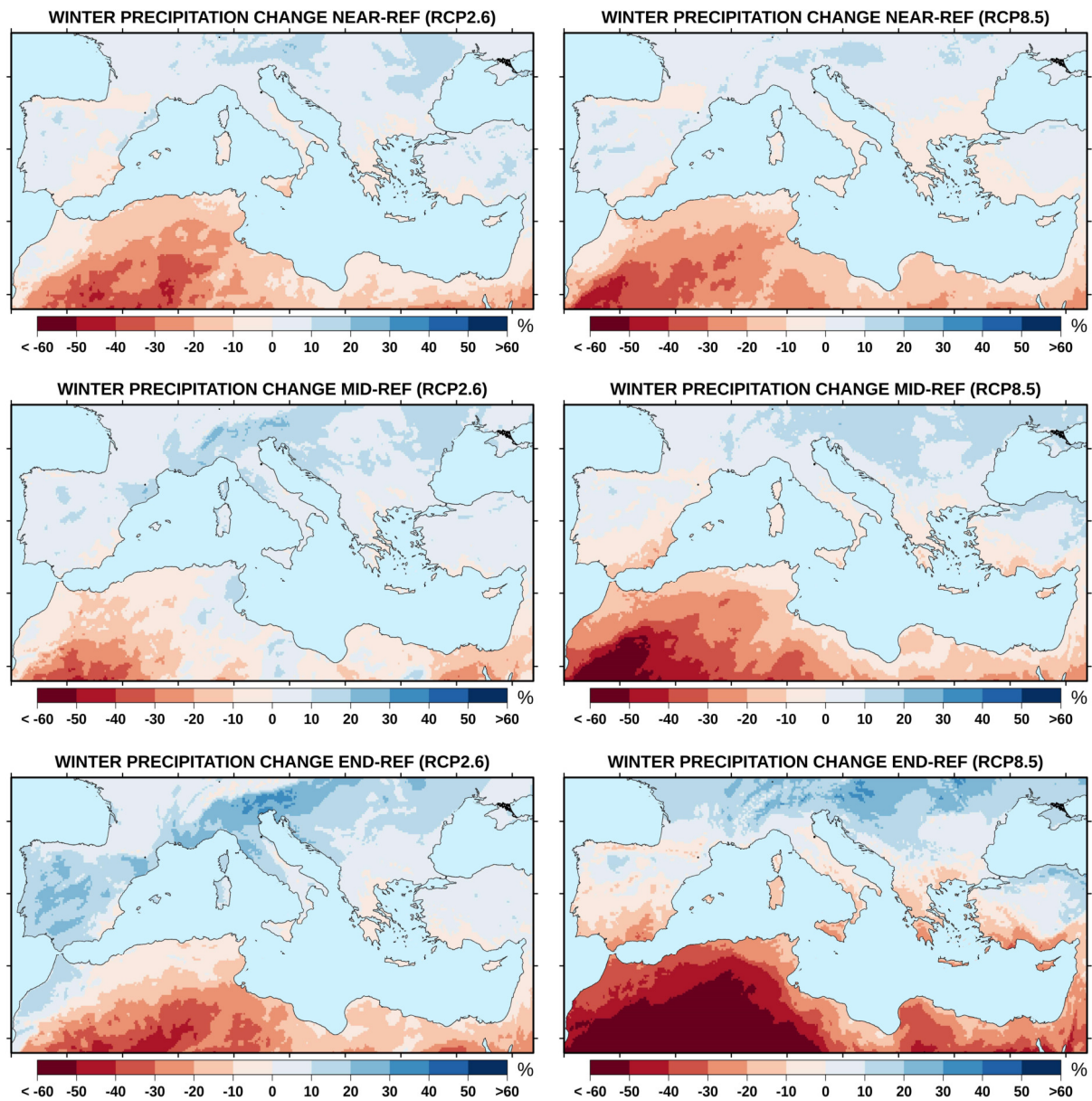


Figure B.5 | Projected changes of winter (December, January, February) precipitation between the recent past reference period (REF: 1980-1999) and three future sub-periods (NEAR: 2020-2039, MID: 2040-2059, END: 2080-2099), based on the ensemble mean results of EURO-CORDEX high-resolution simulations for pathways RCP2.6 (left panels) and RCP8.5 (right panels).

B.6 Projected spring precipitation changes for the Mediterranean Basin

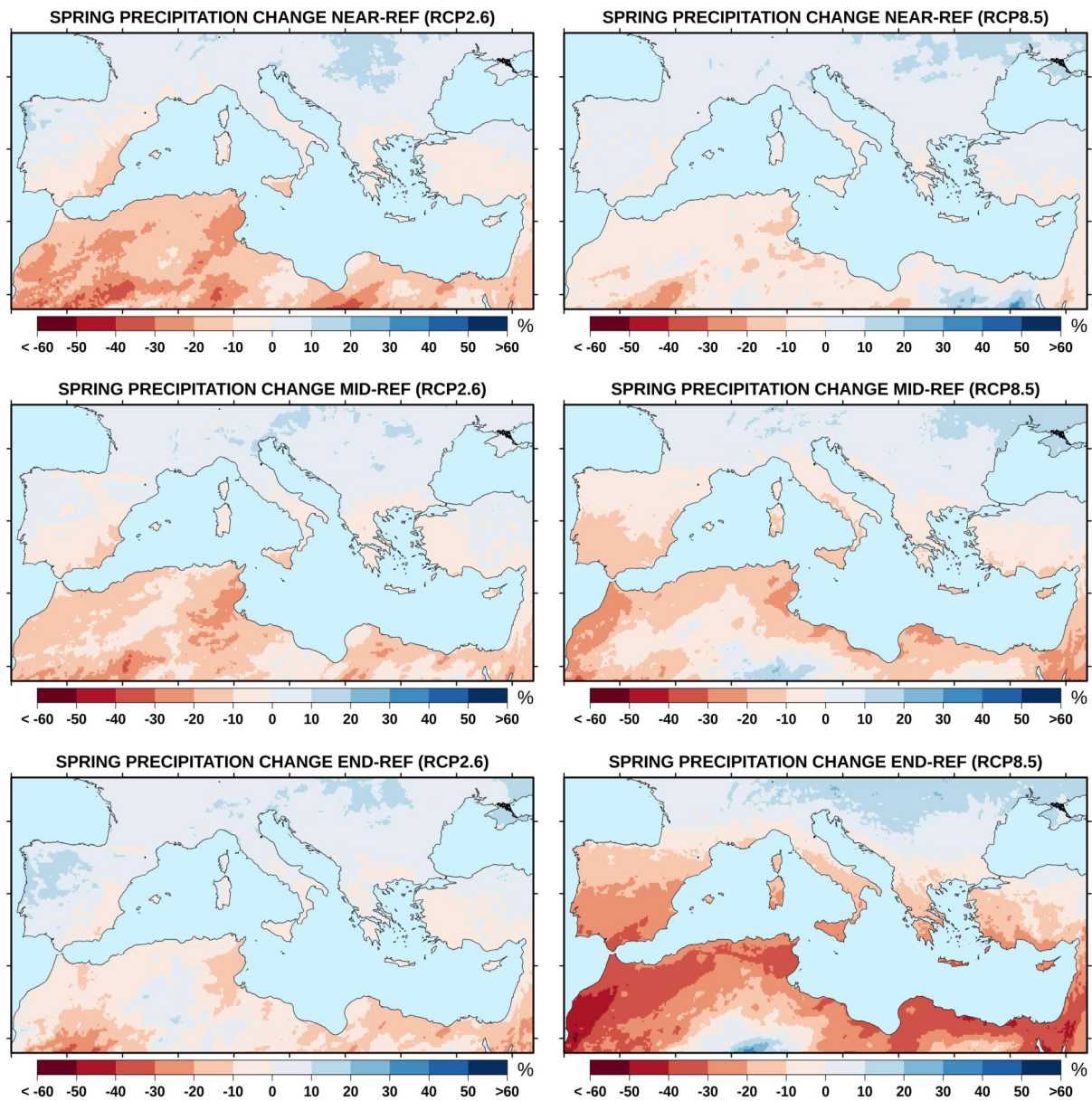


Figure B.6 | Projected changes of spring (March, April, May) precipitation between the recent past reference period (REF: 1980-1999) and three future sub-periods (NEAR: 2020-2039, MID: 2040-2059, END: 2080-2099), based on the ensemble mean results of EURO-CORDEX high-resolution simulations for pathways RCP2.6 (left panels) and RCP8.5 (right panels).

B.7 Projected summer precipitation changes for the Mediterranean Basin

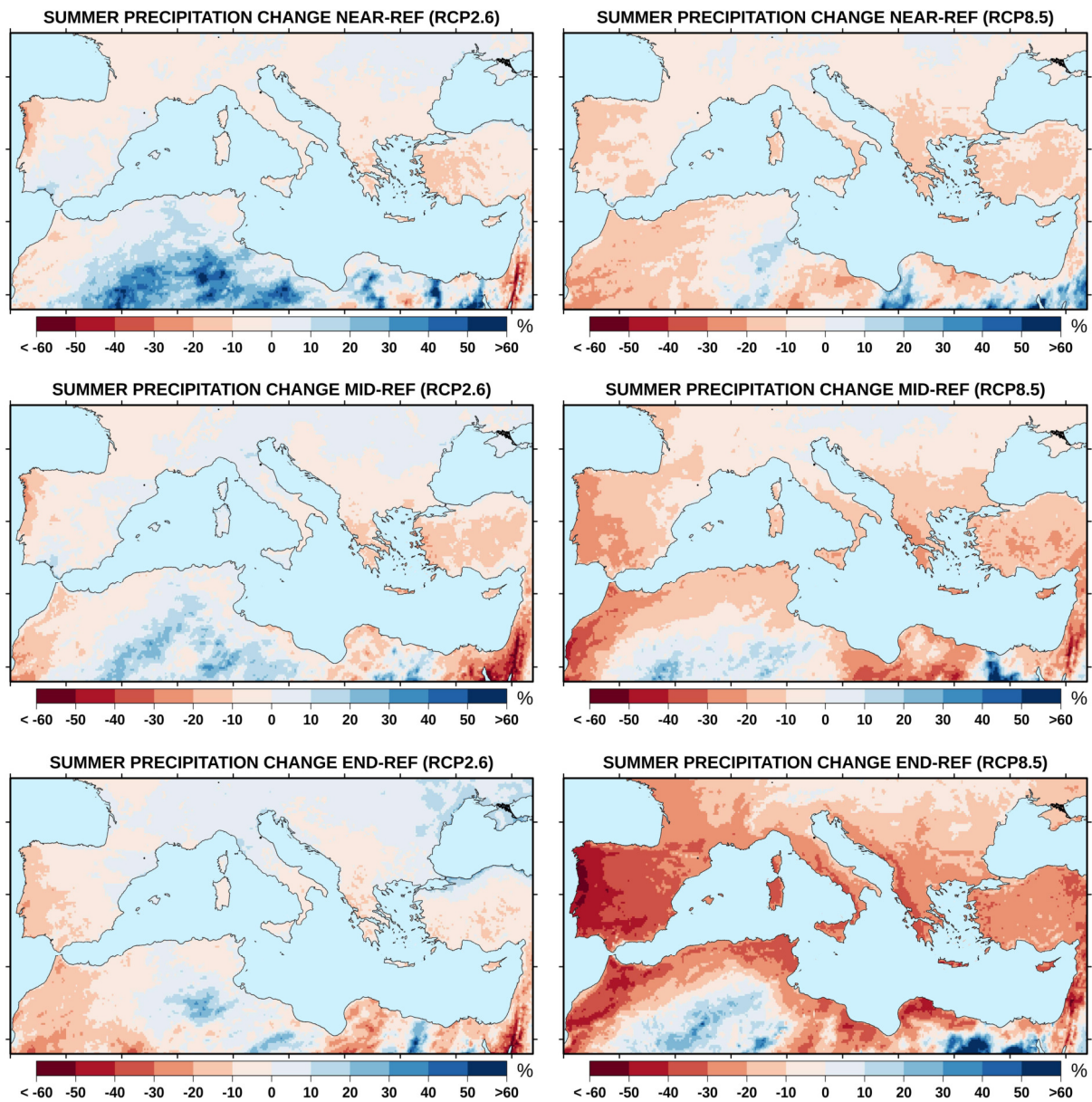


Figure B.7 | Projected changes of summer (June, July, August) precipitation between the recent past reference period (REF: 1980-1999) and three future sub-periods (NEAR: 2020-2039, MID: 2040-2059, END: 2080-2099), based on the ensemble mean results of EURO-CORDEX high-resolution simulations for pathways RCP2.6 (left panels) and RCP8.5 (right panels).

B.8 Projected autumn precipitation changes for the Mediterranean Basin

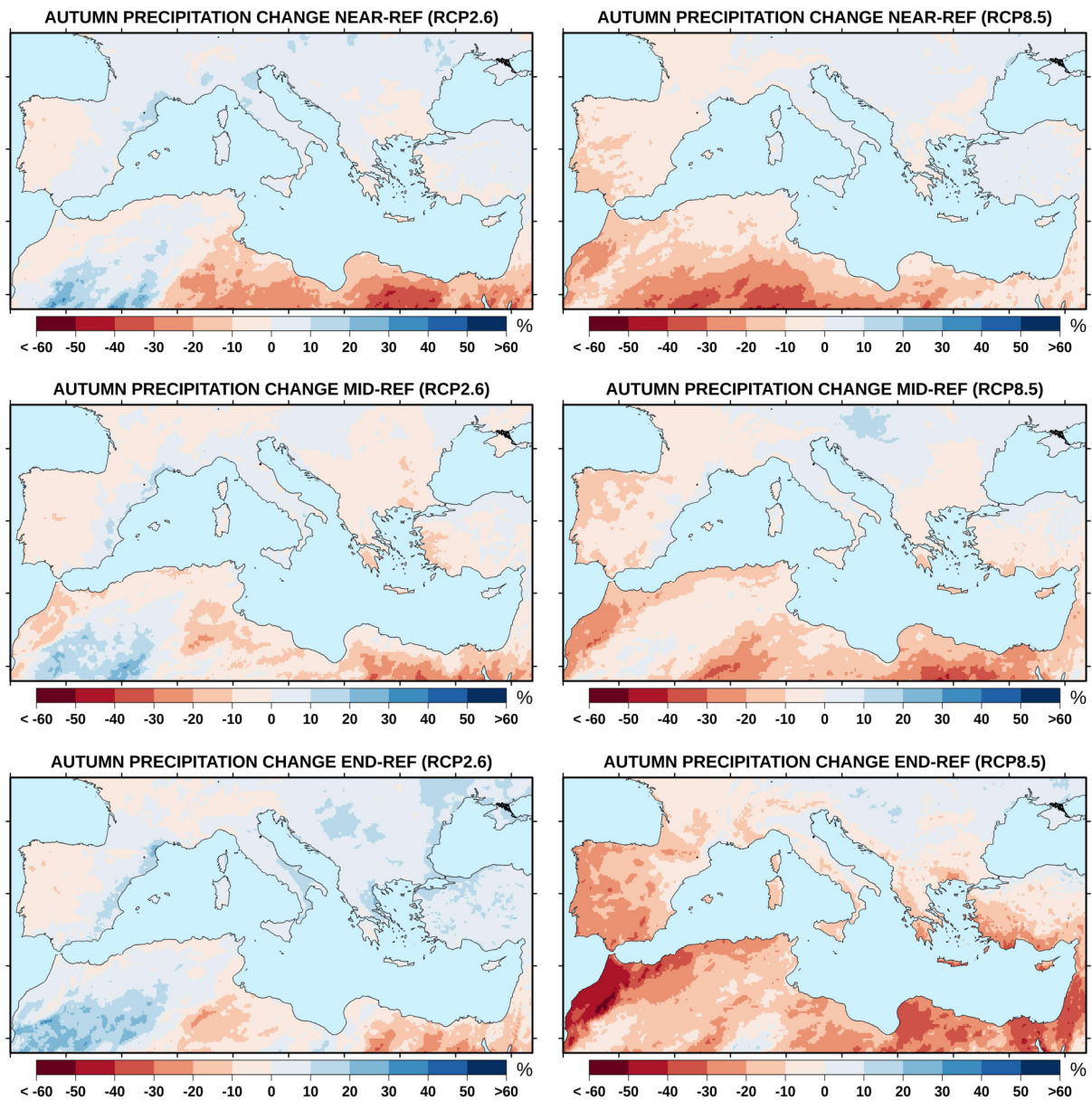


Figure B.8 | Projected changes of autumn (September, October, November) precipitation between the recent past reference period (REF: 1980-1999) and three future sub-periods (NEAR: 2020-2039, MID: 2040-2059, END: 2080-2099), based on the ensemble mean results of EURO-CORDEX high-resolution simulations for pathways RCP2.6 (left panels) and RCP8.5 (right panels).