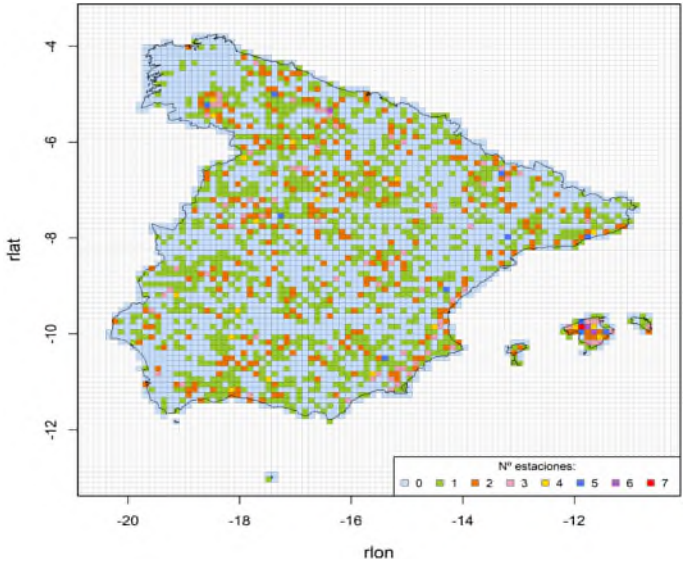
CAMBIO CLIMÁTICO: SU IMPACTO SOBRE LAS PRECIPITACIONES MÁXIMAS EN ESPAÑA

PLANTEAMIENTO DEL TRABAJO

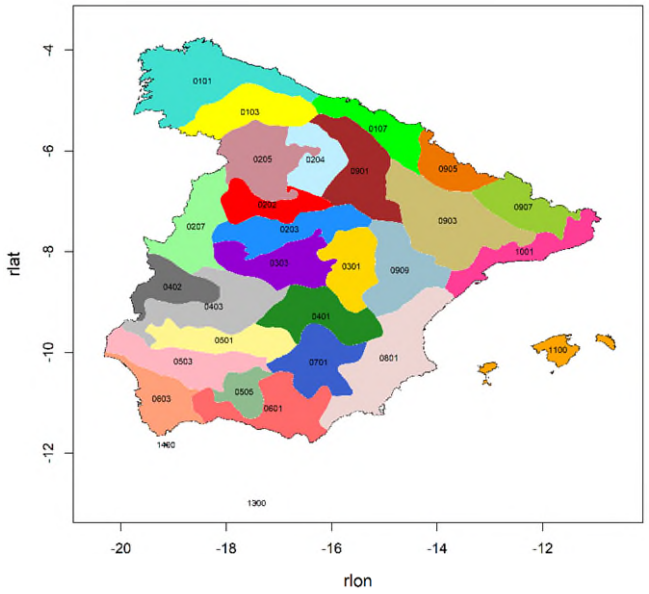
15 modelos Euro-Cordex	Periodos de impacto: 2011-2040, 2041-2070 y 2071-2100	RCP 4.5 y 8.5.
T = 10, 100 y 500 años	Pmax diaria Pmax 1, 3, 6 y 12 h	SQRT con CV regional GEV local

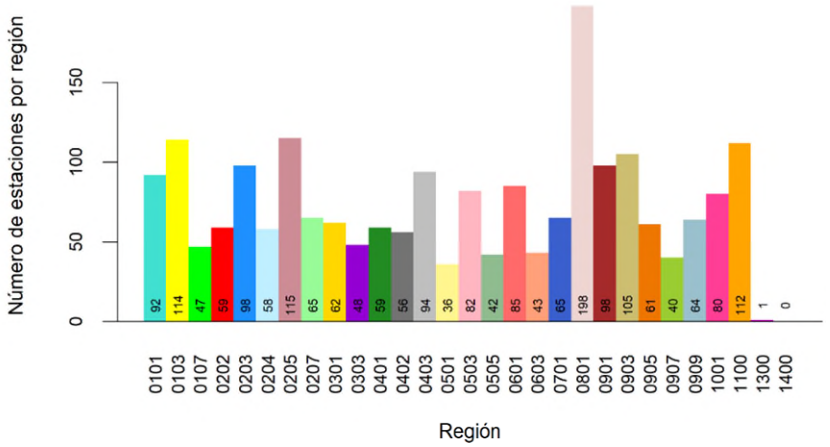
Fases del estudio:

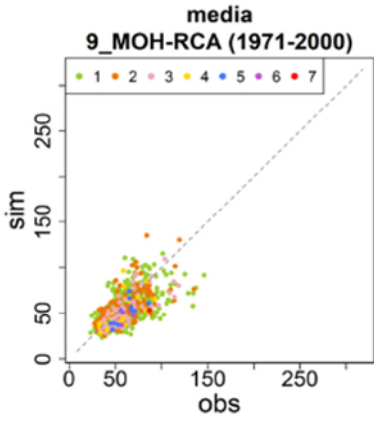
- Contraste de los modelos climáticos en el periodo de control
- Análisis de tendencias y cambios en mediana y varianza en las series
- Estimación de tasas de cambio significativas en cuantiles
- Obtención de tramos de la red fluvial con cambios en la precipitación máxima acumulada

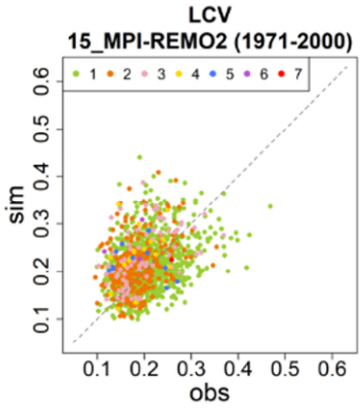


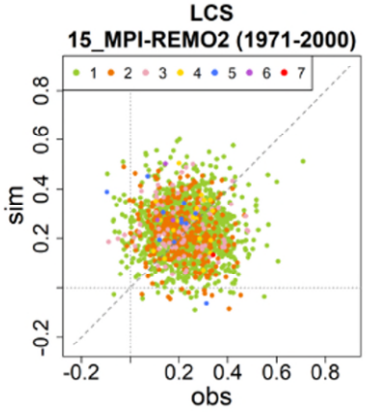
CONTRASTE DEL PERIODO DE CONTROL

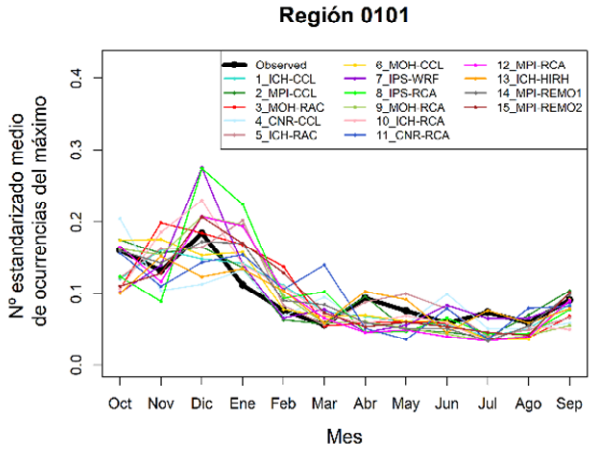






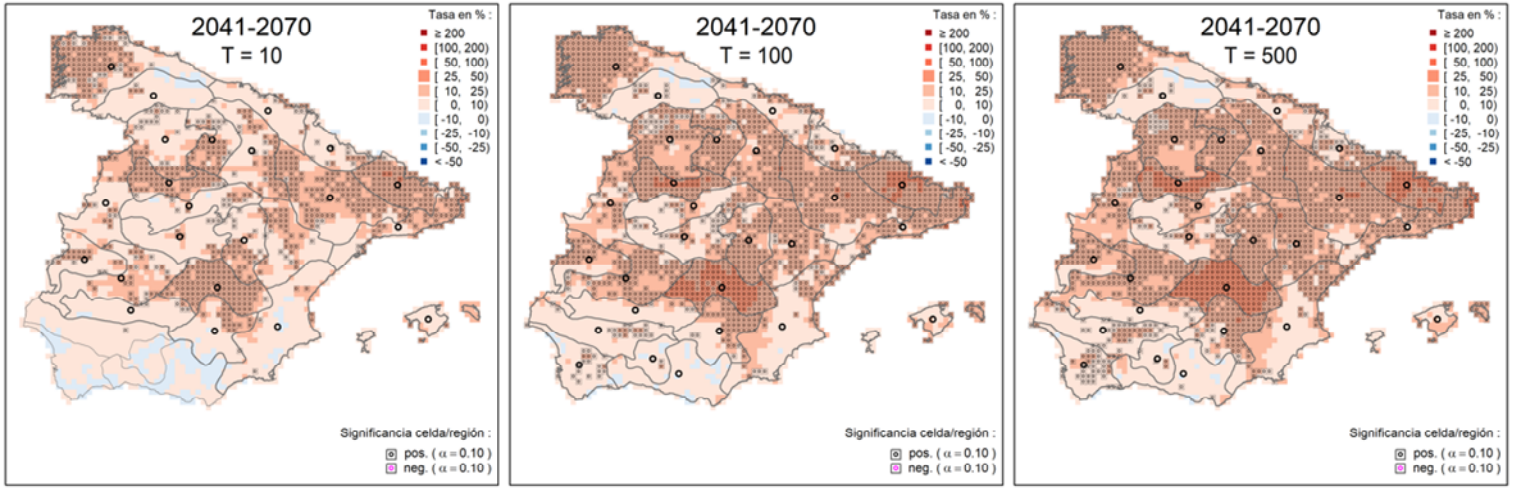




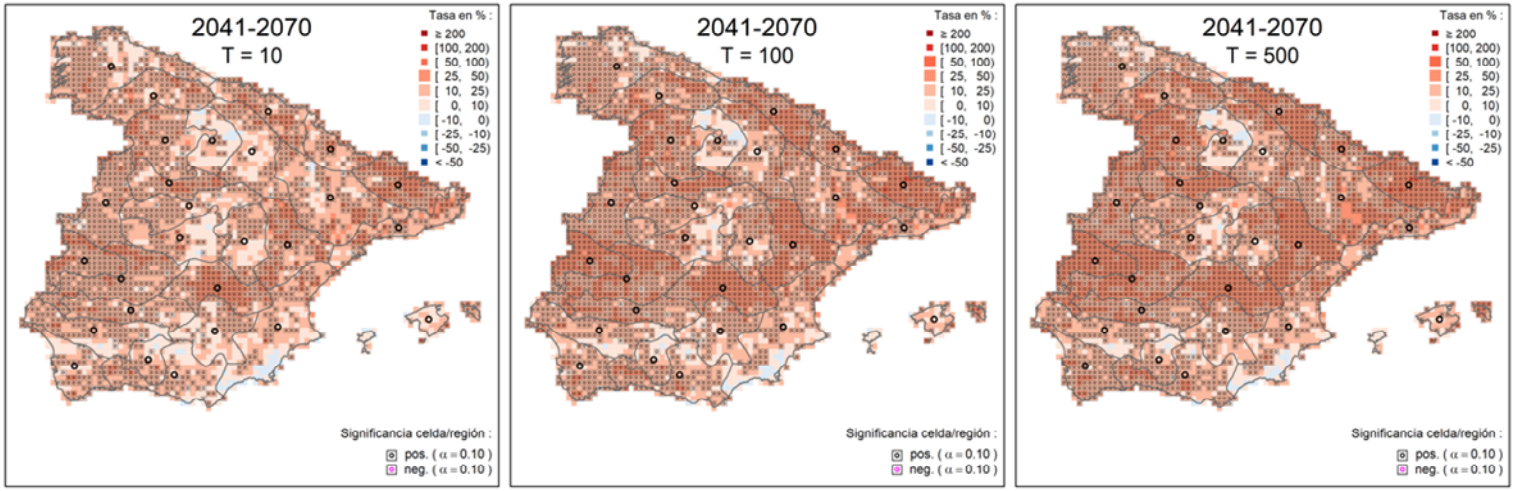


TASAS DE CAMBIO EN CUANTIL

ESTIMACIÓN DE TASAS DE CAMBIO MEDIAS SIGNIFICATIVAS EN CUANTILES PARA EL PERIODO 2041-2070 Y RCP 8.5.

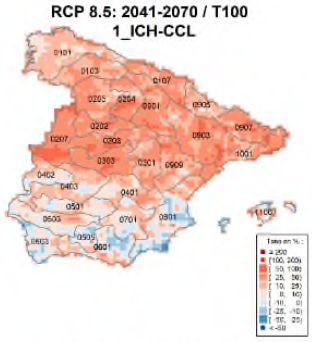


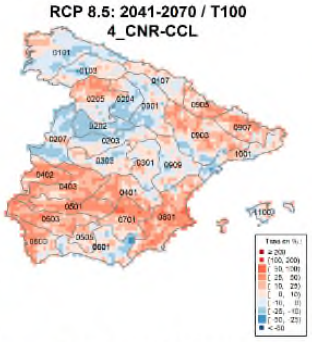
Precipitación diaria máxima anual

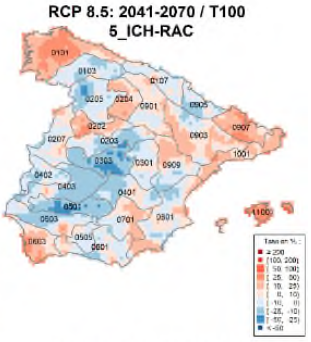


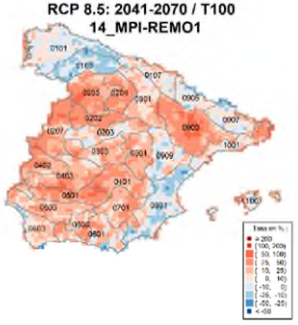
Precipitación horaria máxima anual

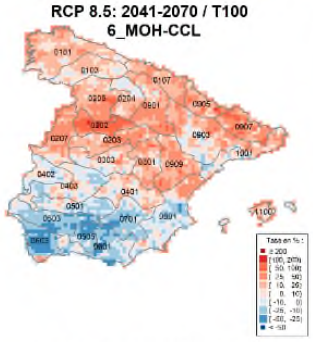
TASAS DE CAMBIO EN CUANTIL SEGÚN MODELOS PERIODO 2041-2070, RCP 8.5 Y T=100

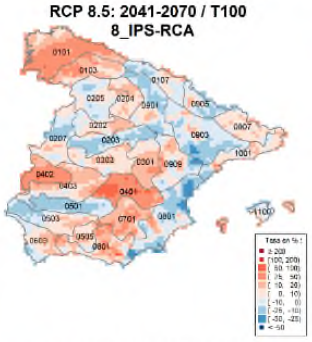


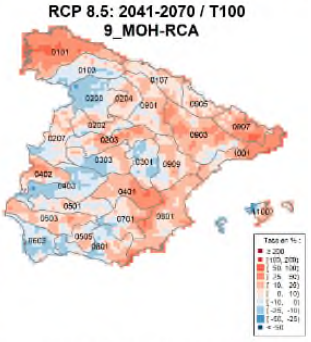


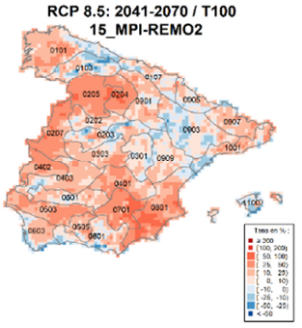


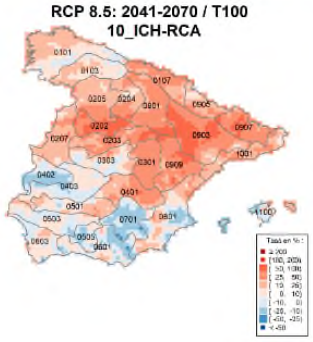


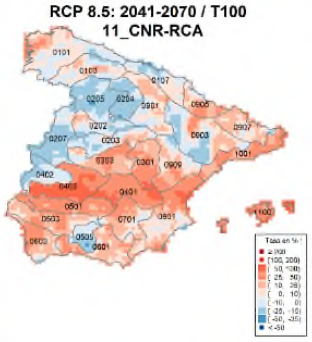


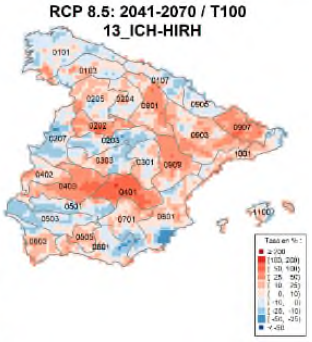






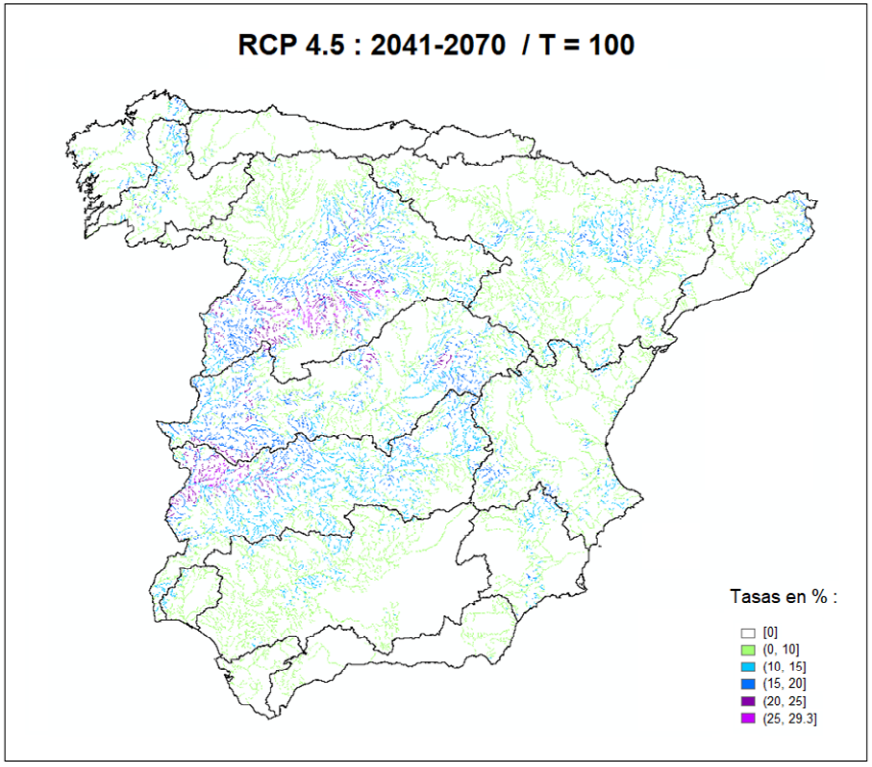


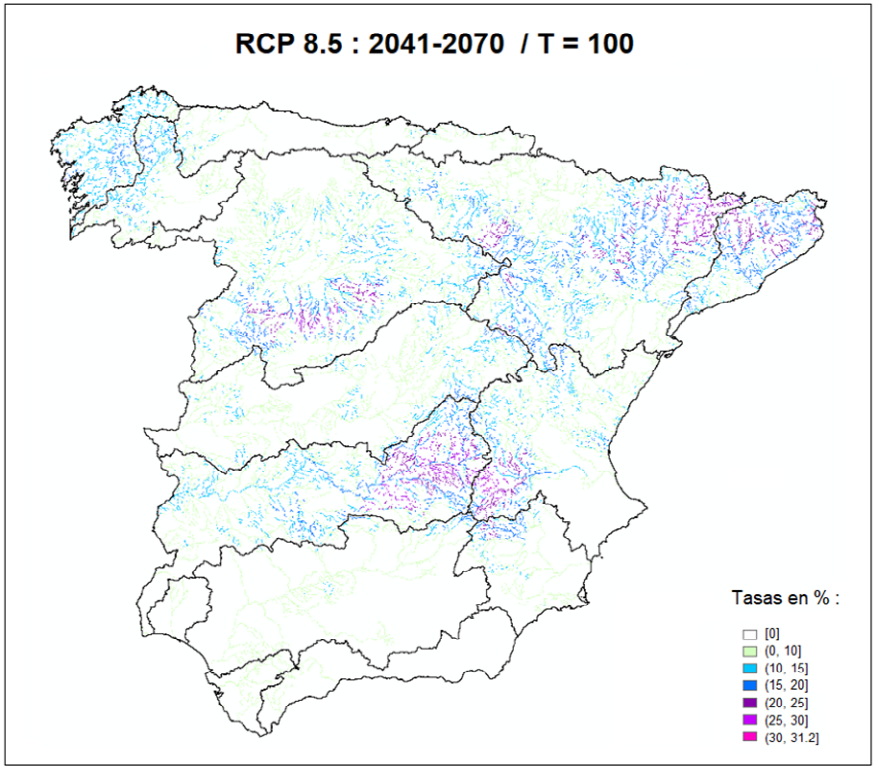




RESULTADOS EN LA RED FLUVIAL

TRAMOS DE LA RED FLUVIAL CON CAMBIOS EN LA PRECIPITACIÓN DIARIA MÁXIMA ANUAL ACUMULADA. PERIODO 2041-2070 Y T=100





https://ceh.cedex.es/web_ceh_2018/Imp_CClimatico_Pmax.htm