



IMPACTOS DE LOS CAMBIOS EN EL CLIMA SOBRE LA PRODUCCIÓN DE MIEL Y LAS PRÁCTICAS DE LOS APICULTORES EN CHILE

Centro
de Acción
Climática

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QUÉ PASA Medioambiente Clima ...

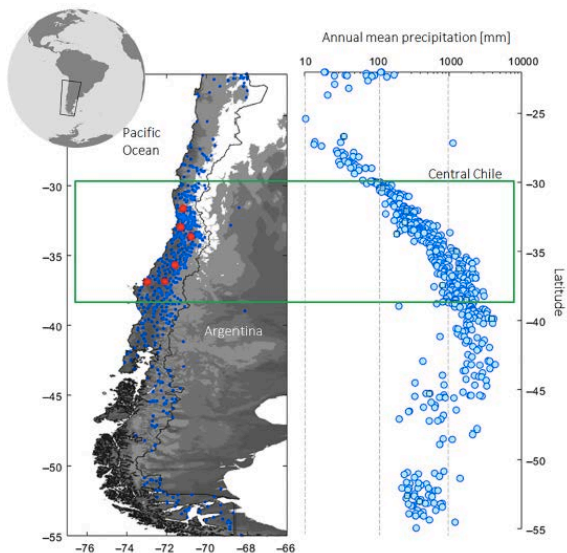
Balance Hídrico Nacional revela dramática situación: proyecta escasez de agua de hasta 50% y alza de temperatura de hasta 2,5°C

Actualización de este balance, liderado por académicos de la Universidad de Chile, retrata el complejo escenario local, el que aparentemente no mejorará en las próximas décadas.

Carlos Montes 4 ENE 2021 3:52 PM



FIGURE 1 Geographic and climate features of Central Chile. (a) Topographic map (dark grey: Terrain elevation <500 m asl; light grey: 500–3,000 m asl; white: > 3,000 m asl). Blue dots are rain gauges stations operated by DMC/DGA. Red circles are the location of the six stations used to define the regional precipitation index. Stations that provide records for Figure 4 are also indicated. (b) Station-based annual mean rainfall (1980–2010) according to latitude [Colour figure can be viewed at [wileyonlinelibrary.com](https://www.wileyonlinelibrary.com)]



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RESEARCH ARTICLE

The Central Chile Mega Drought (2010–2018): A climate dynamics perspective

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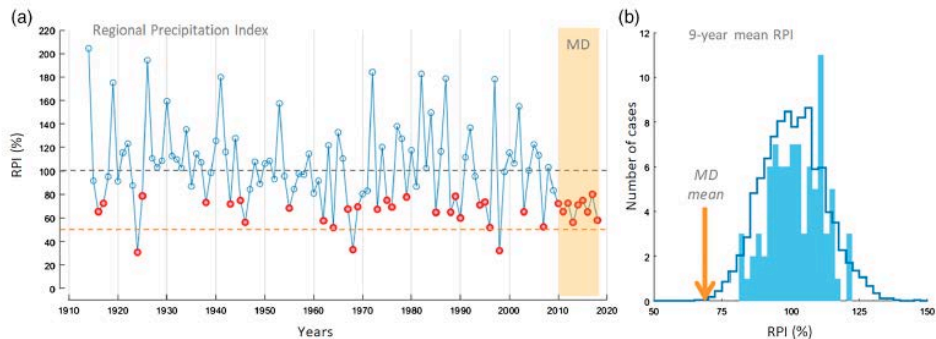
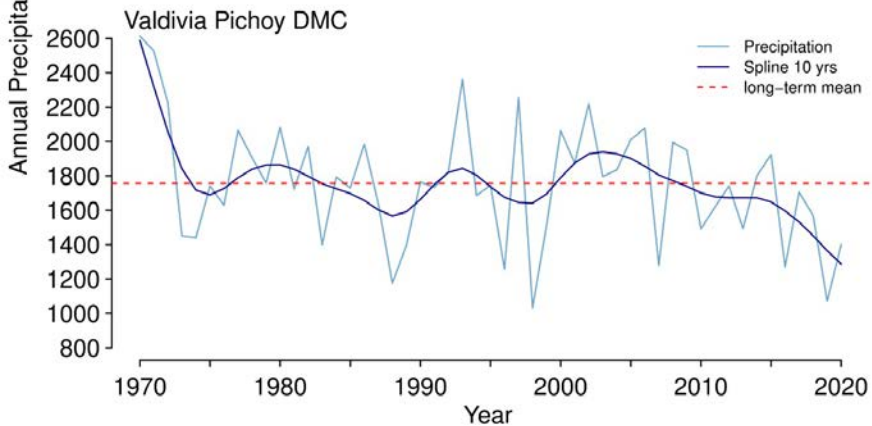
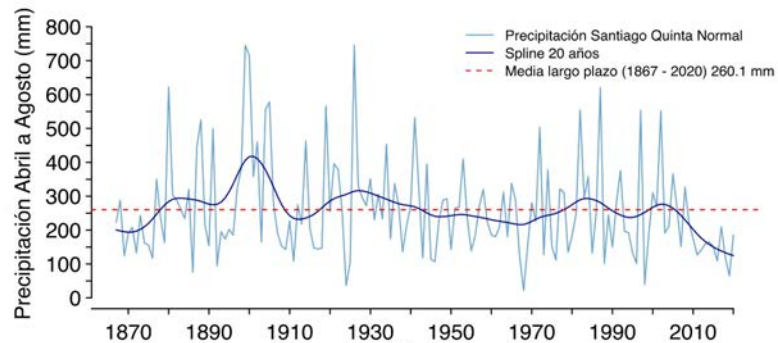
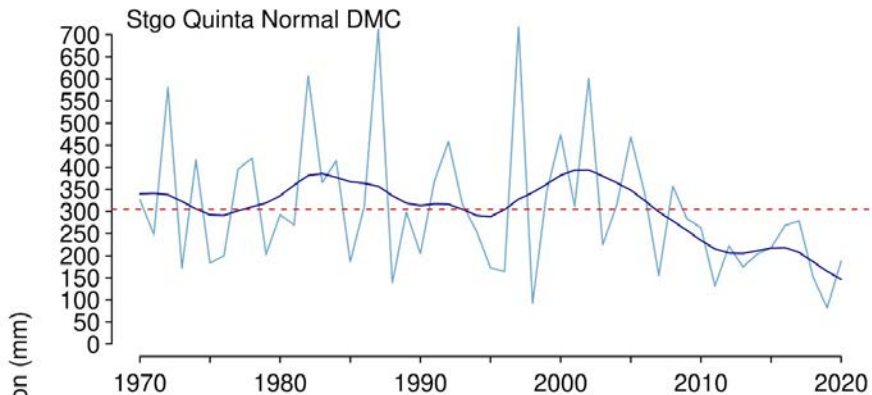
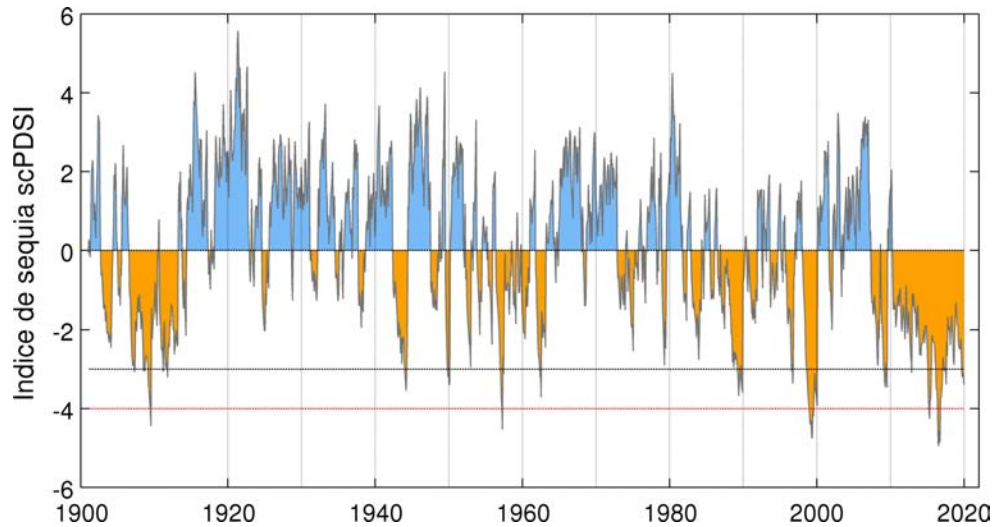
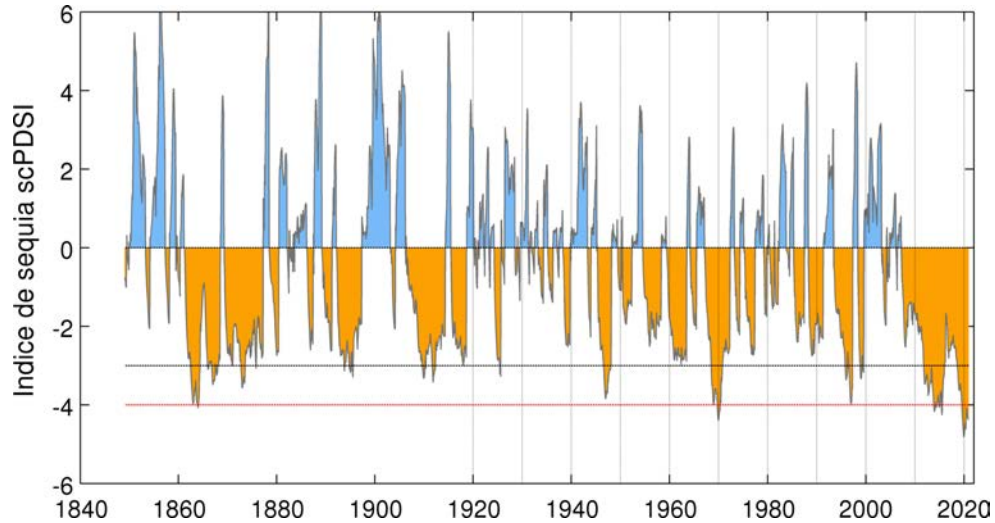
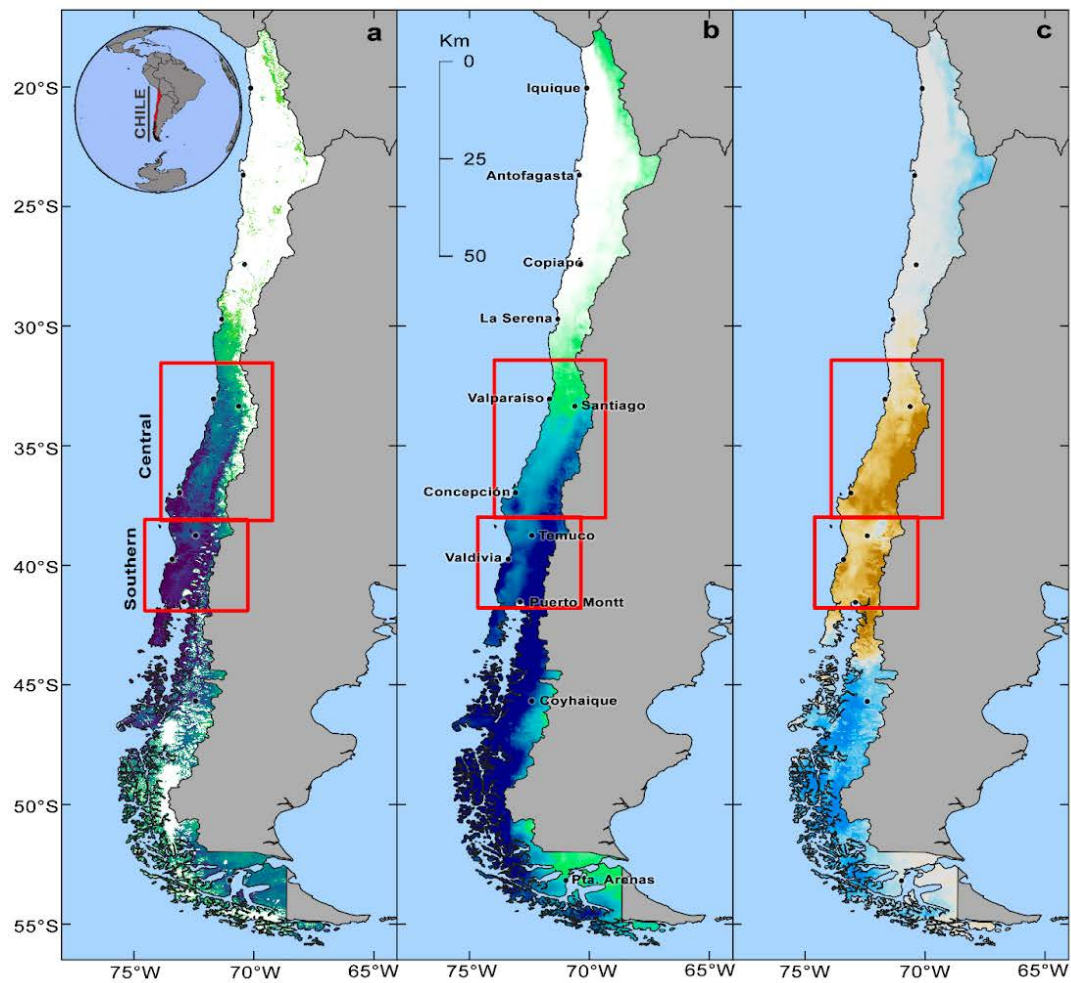


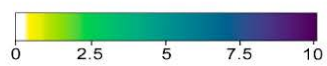
FIGURE 2 (a) Annual series of Central Chile regional precipitation index (RPI). Droughts, defined as years with RPI < 80%, are identified by the red circles. (b) Histogram of 9-year average of RPI for the period 1915–2009. The light blue bars show the observed frequency, considering a 9-year sliding window throughout the 1915–2009 record. The blue thick line is the distribution obtained from 5,000 randomly selected 9 years from the historical period. The orange arrow indicates the RPI averaged during the MD (2010–2018) [Colour figure can be viewed at [wileyonlinelibrary.com](https://www.wileyonlinelibrary.com)]



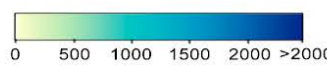




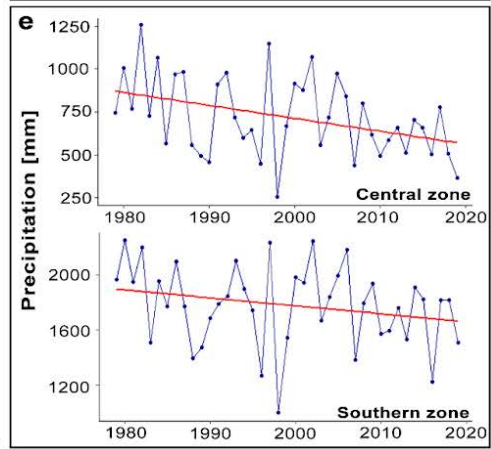
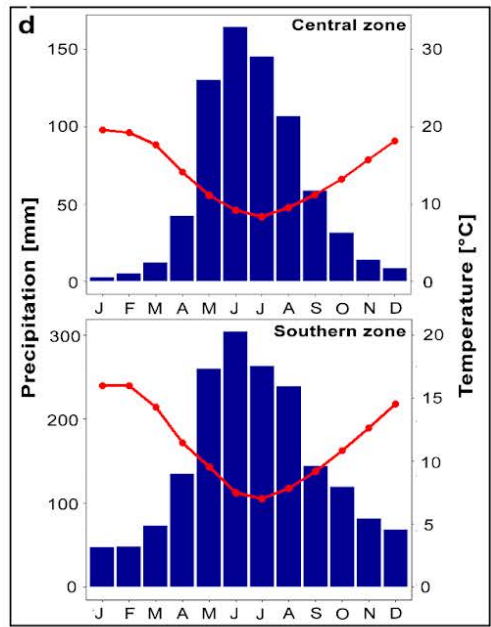
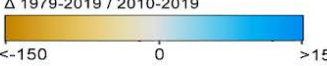
Acc. annual NDVI



Acc. annual Precipitation (mm)



Precipitation difference (mm)
Δ 1979-2019 / 2010-2019

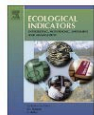




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Forest browning trends in response to drought in a highly threatened mediterranean landscape of South America

Alejandro Miranda^{a,b,c,*}, Antonio Lara^{c,d}, Adison Altamirano^{a,e}, Carlos Di Bella^{f,g}, Mauro E. González^{c,d}, Jesus Julio Camarero^h



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Agua y Extremos | Cambio de uso de suelo | Megasequía

Análisis: Pérdida del verdor en el bosque de la zona central de Chile | (CR)2

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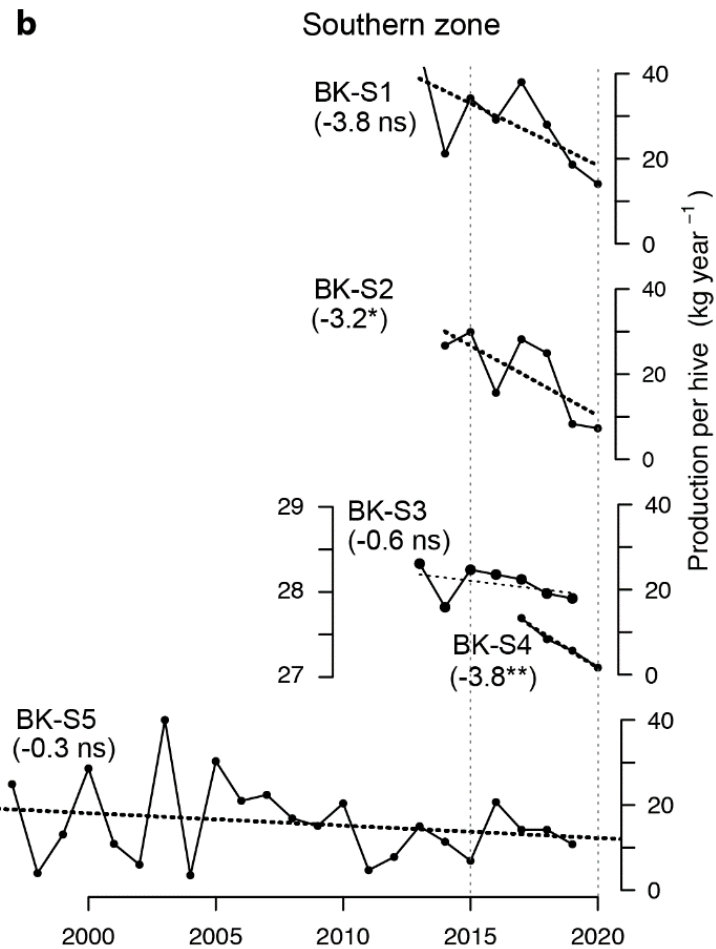
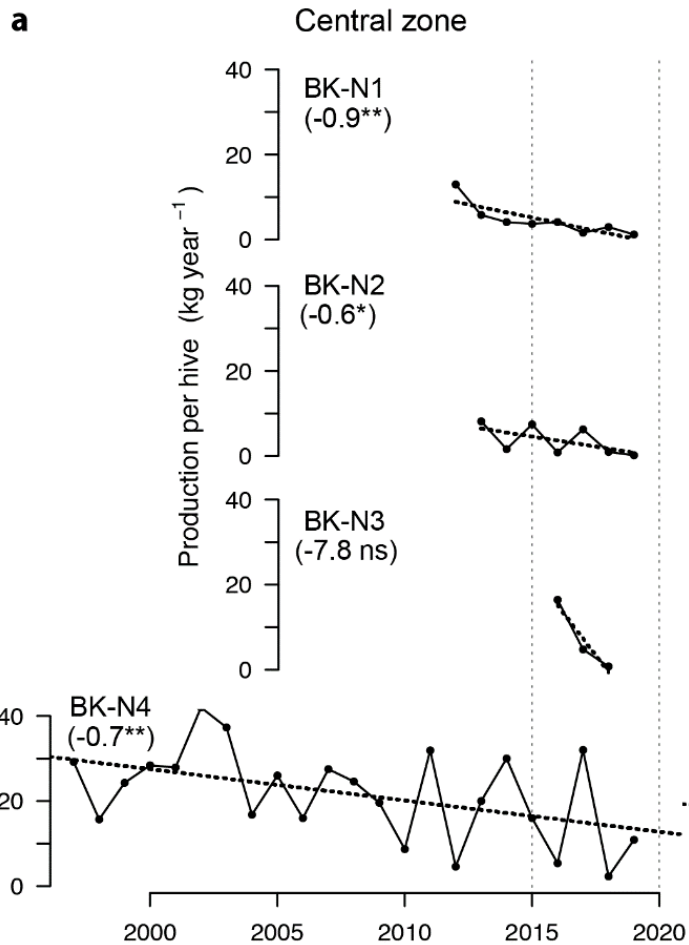
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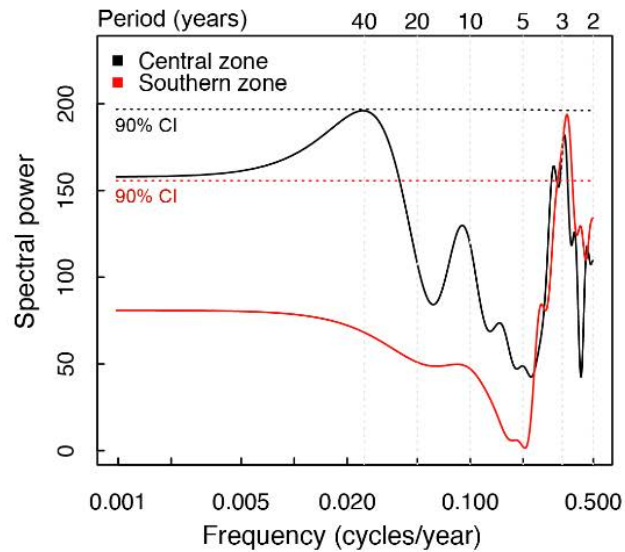
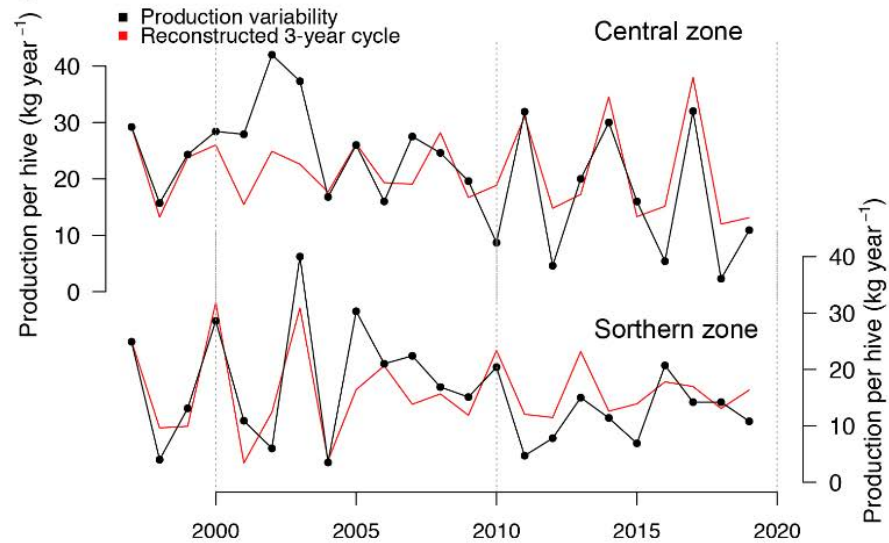
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- Análisis de registros de producción
- Relaciones entre los cambios en el clima y los registros de producción de miel

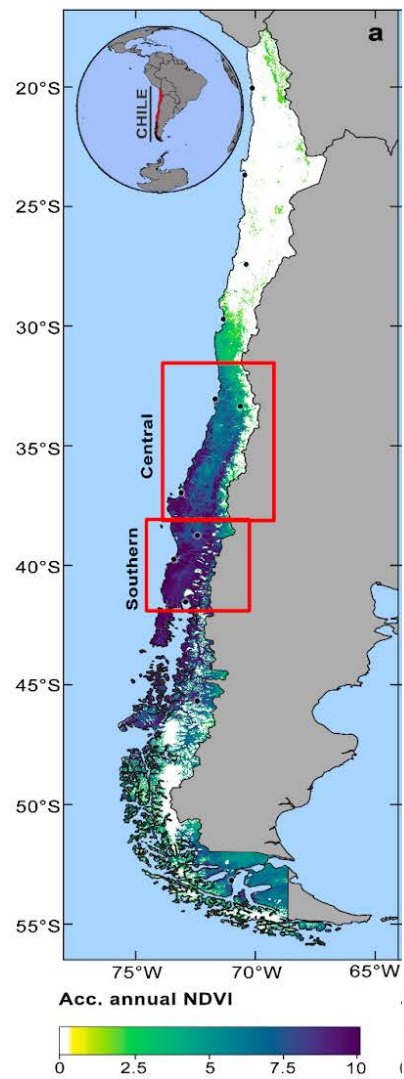
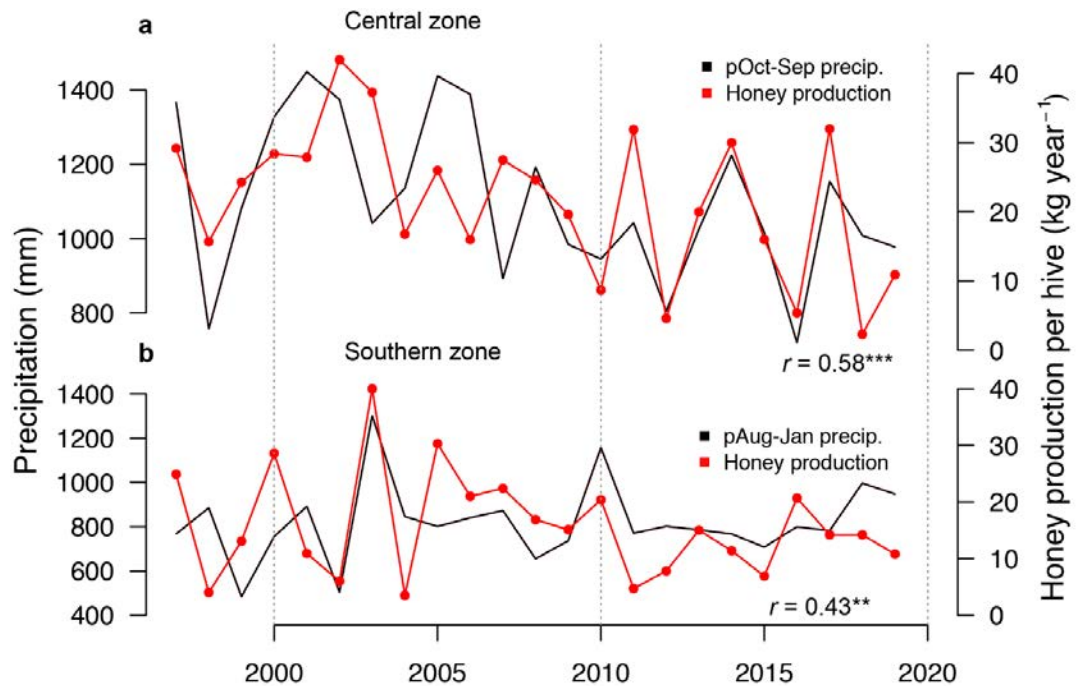


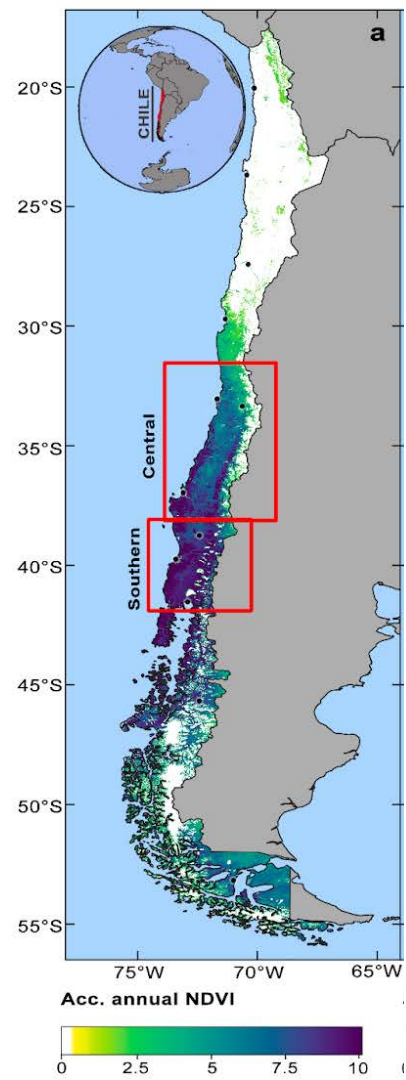
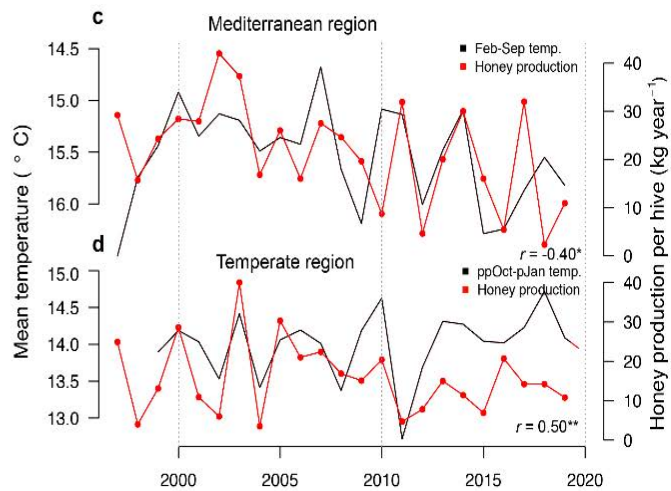
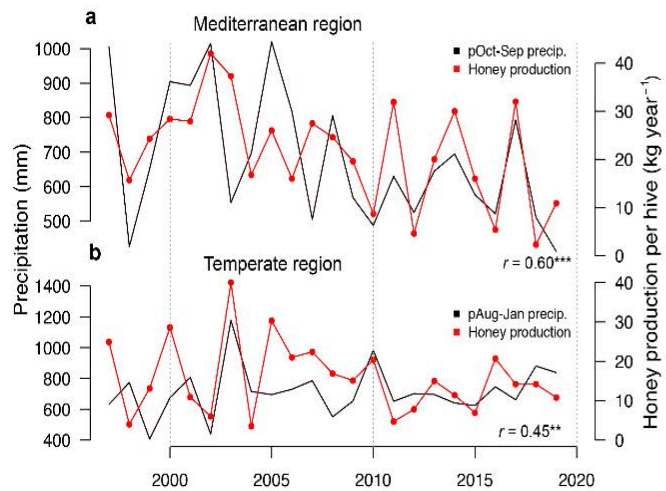


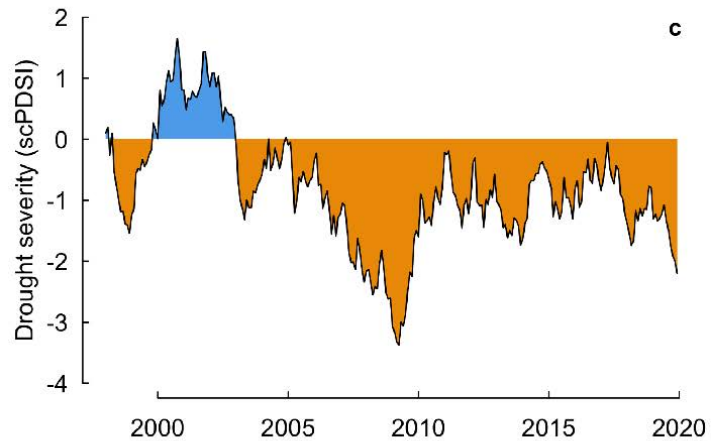
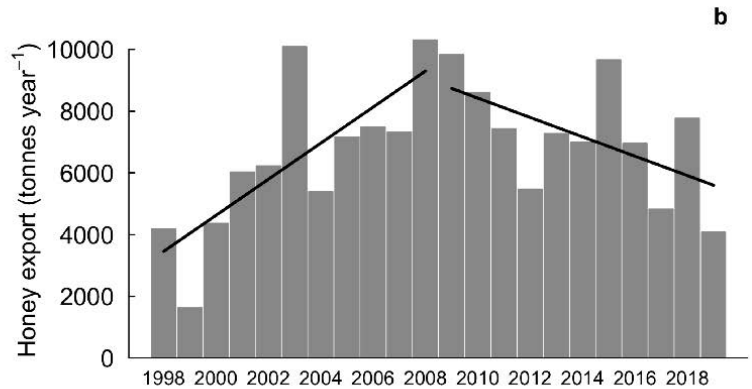
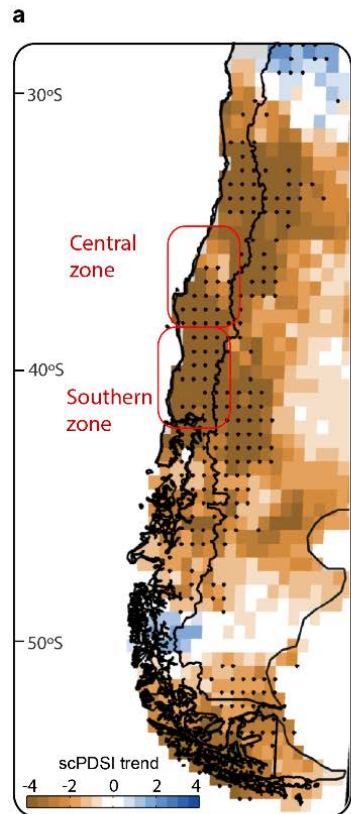


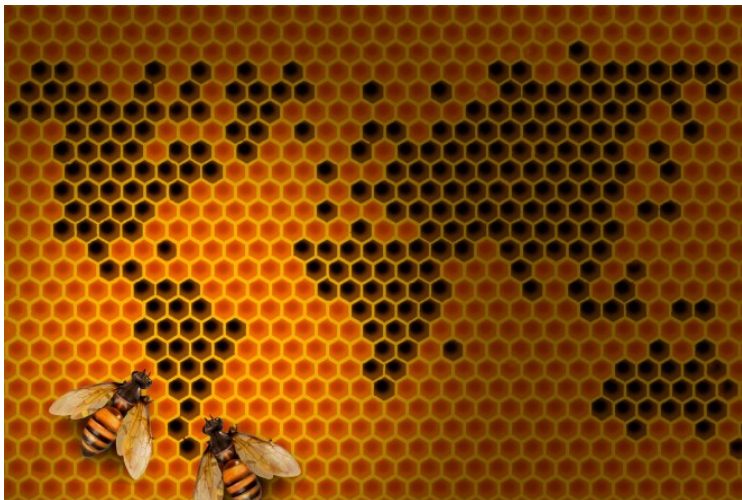


a**b**

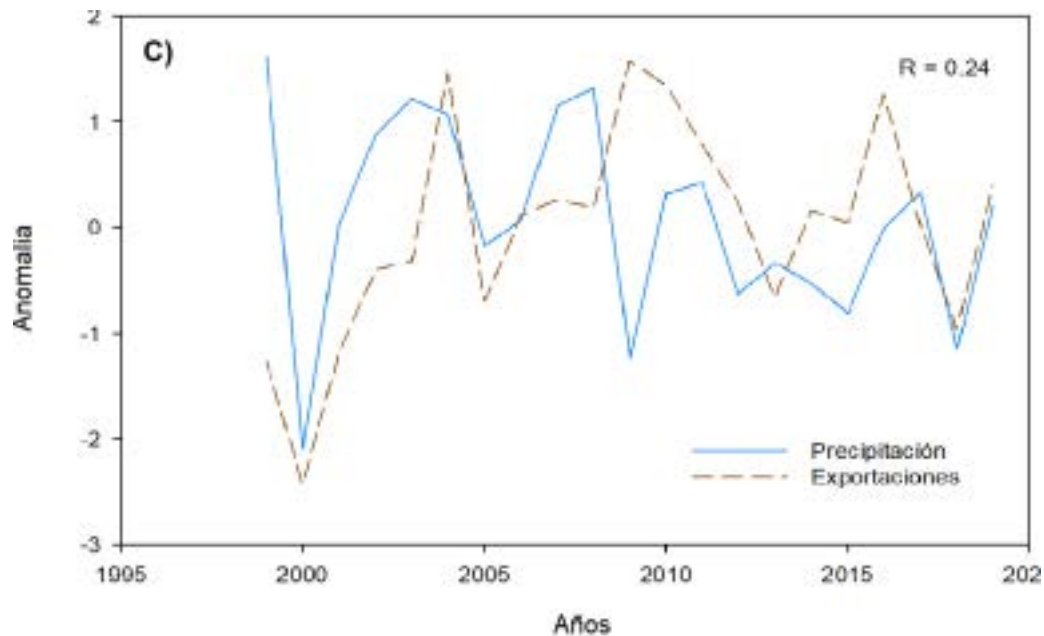


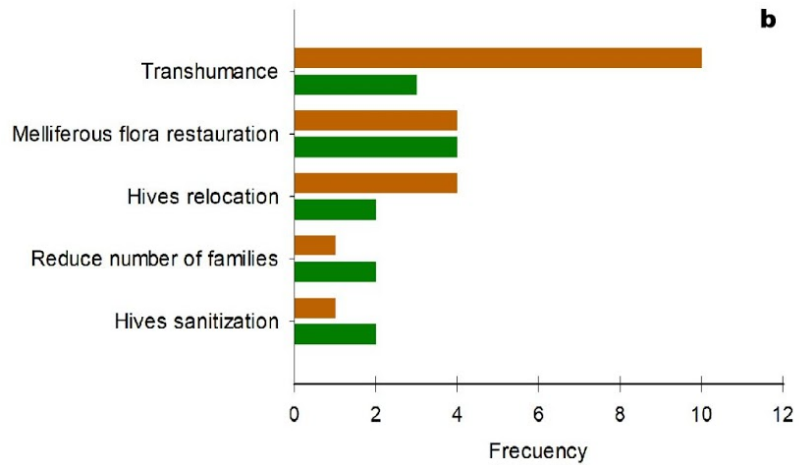
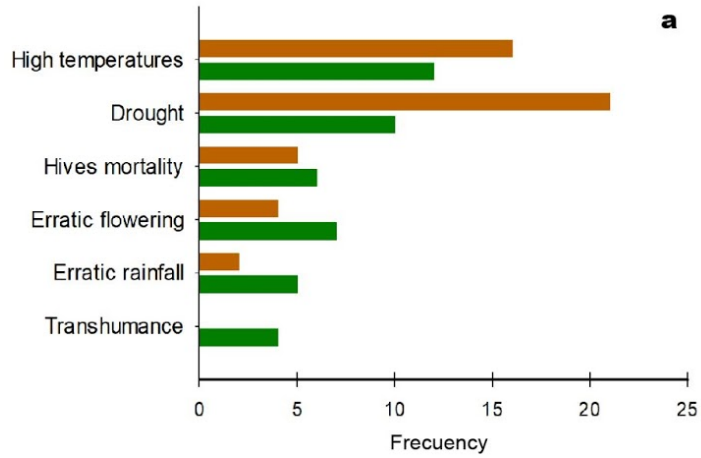


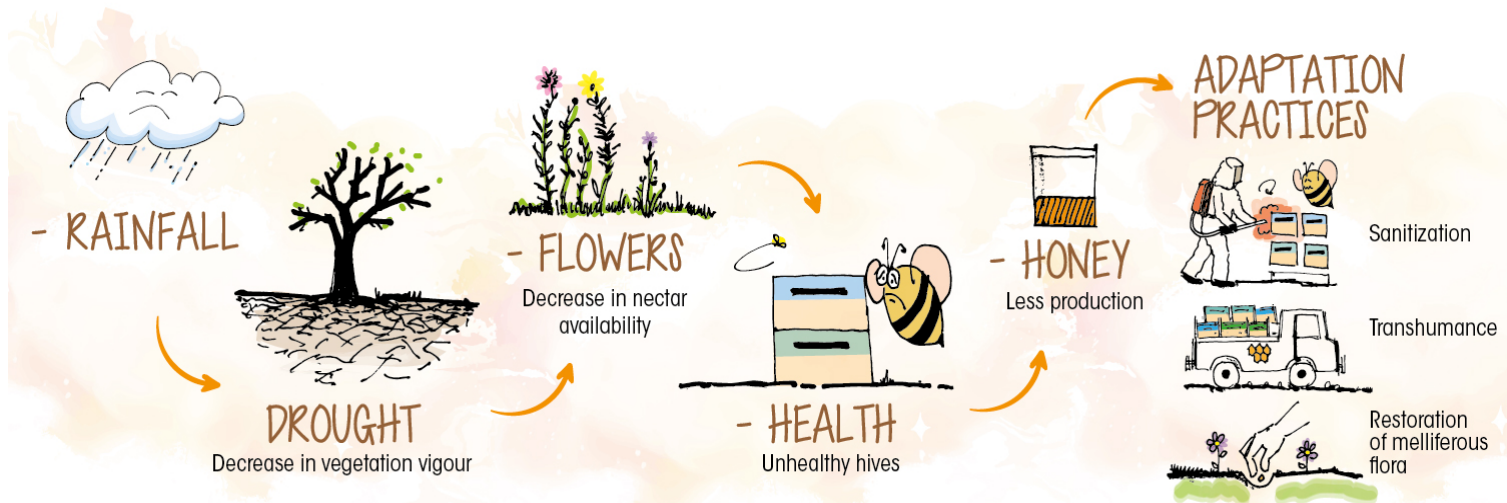
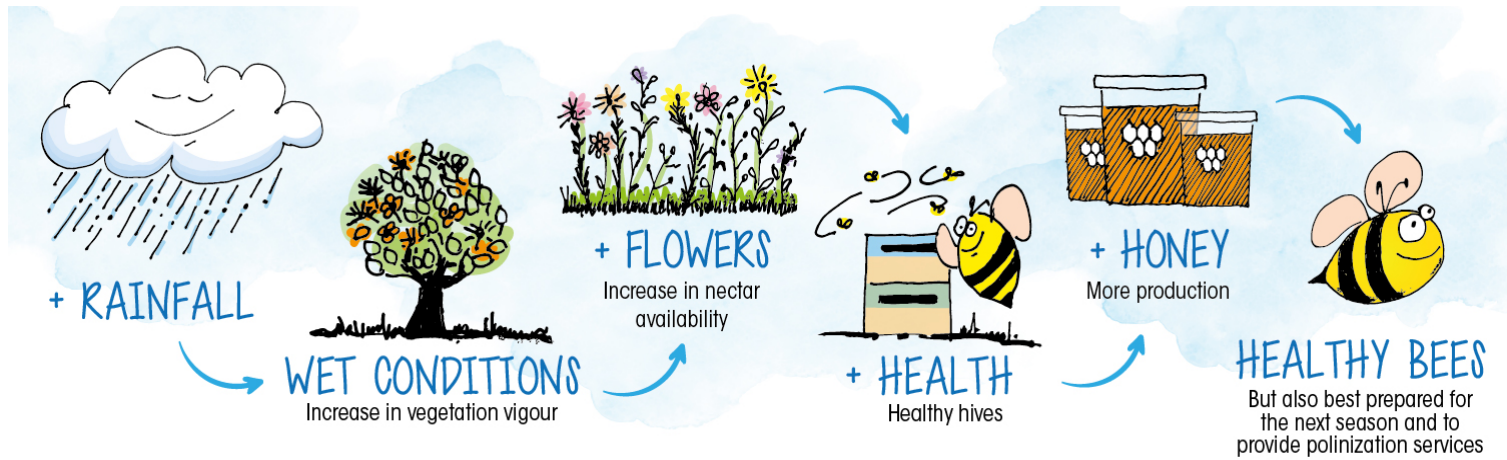




(C) Relación entre la precipitación del periodo Agosto-Marzo con las exportaciones anuales de miel a nivel nacional



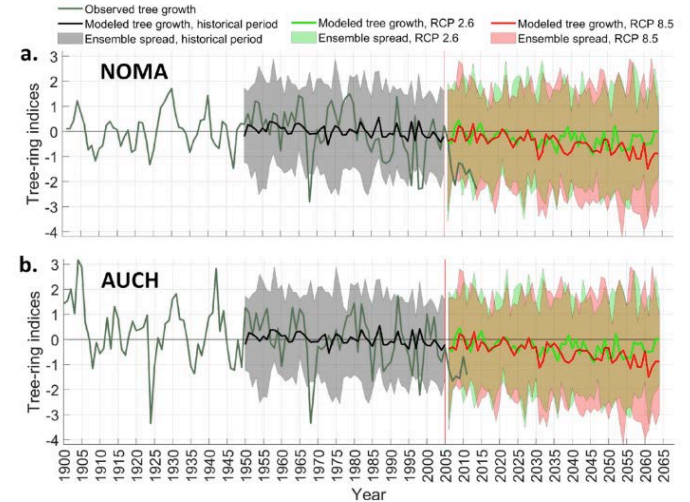
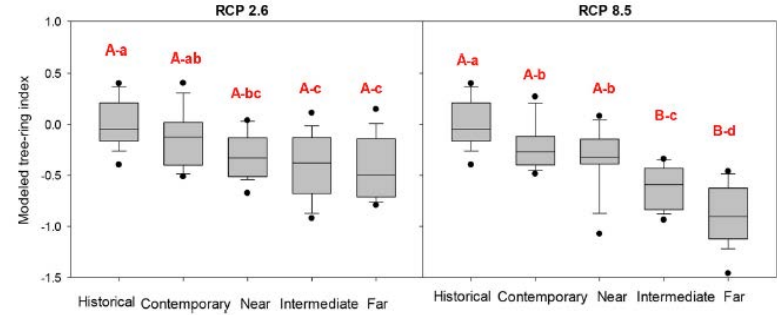
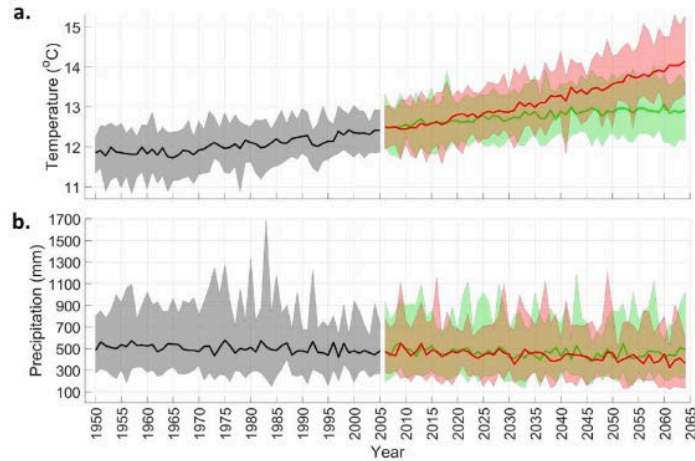






Tree growth decline as a response to projected climate change in the 21st century in Mediterranean mountain forests of Chile

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GRACIAS!

