

## **Curriculum vitae**

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### **Education:**

2006-2010 **B.Sc.** Plant Science (Agronomy), The Hebrew University of Jerusalem, Israel.

2010-2013 **M.Sc.** Plant Science, The Hebrew University of Jerusalem, Israel.

2013-2017 **Ph.D.** Plant physiology, Ben Gurion University, Beer Sheva, Israel.

### **Professional experience:**

2018-2021: Post-doctoral fellow at Dan Yakir Lab (ecophysiology), The Department of Earth and Planetary Science, Weizmann Institute of Science, Israel.

2021- : Research Scientist (grade C) at Newe Ya'ar Research Center, Agricultural Research Organization.

### **Selected recent publications:**

**Cochavi A**, Amer M, Stern R, Tatarinov F, Migliavacca M, Yakir D. 2021. Differential responses in a Mediterranean citrus orchard to two heatwave intensities is identified by combining measurements of fluorescence, carbonyl sulfide (COS), and CO<sub>2</sub> uptake. *New Phytologist* 230: 1394–1406.

**Cochavi A**, Cohen IH, Rachmilevitch S. 2020. The role of different root orders in nutrient uptake. *Environmental and Experimental Botany* 179: 104212.

Maseyk KS, Tongbao L, **Cochavi A**, Schwartz A, Yakir D. 2019. Quantification of leaf-scale light energy allocation and photoprotection processes in a Mediterranean pine forest under extensive seasonal drought. *Tree Physiology* 39: 1767–1782.

Rapaport T, Hochberg U, **Cochavi A**, Karnieli A, Rachmilevitch S. 2017. The potential of the spectral 'water balance index' (WABI) for crop irrigation scheduling. *New Phytologist* 216: 741–757.

**Cochavi A**, Rapaport T, Gendler T, Karnieli A, Eizenberg H, Rachmilevitch S, Ephrath JE. 2017. Recognition of *Orobanche cumana* below-ground parasitism through physiological and hyper spectral measurements in sunflower (*Helianthus annuus L.*). *frontiers in plant science* 8: 909.