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**Goal:** Assess the impacts of the war on agricultural lands in Gaza since the breakout of the 2023 Israel-Hamas War.

We focus on two agricultural land uses: tree crops and greenhouses.

**Satellite images:** 3-m PlanetScope and 50-cm SkySat imagery © Planet Labs PBC obtained in 2023 and 2025

**Definitions:**

Tree crops: olives, orchards, etc.

Greenhouses: any crops that are covered in a structure with walls and a roof made principally of transparent material.

**Approaches:**

Because tree crops and greenhouses are very different in their physical properties, I mapped their damages separately using different remote sensing algorithms. The methods of this work will be published in the journal *Science of Remote Sensing* (Yin et al., in press).

**Yin, H. Eklund, L. Habash, D. Qumsiyeh, M. Van Den Hoek, J. (2025) Evaluating war-induced damage to agricultural land in the Gaza Strip since October 2023 using PlanetScope and SkySat imagery. *Science of Remote Sensing*. DOI: [10.1016/j.srs.2025.100199](https://doi.org/10.1016/j.srs.2025.100199)**

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