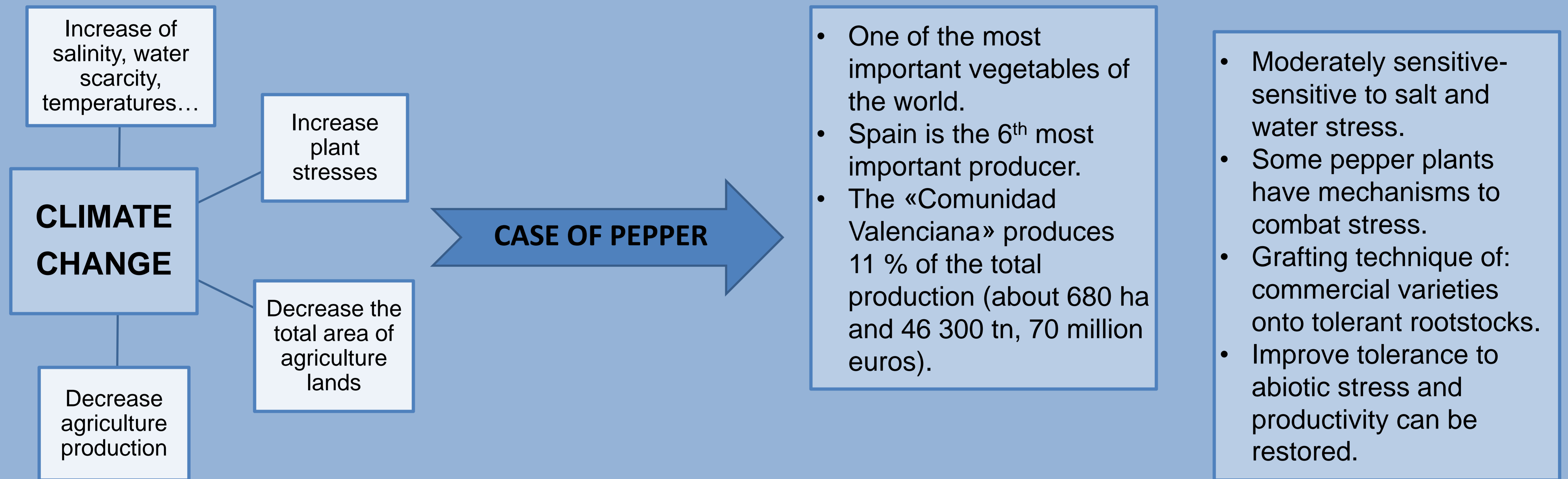


Lidia López Serrano. PhD in Agricultural Resources and Technologies

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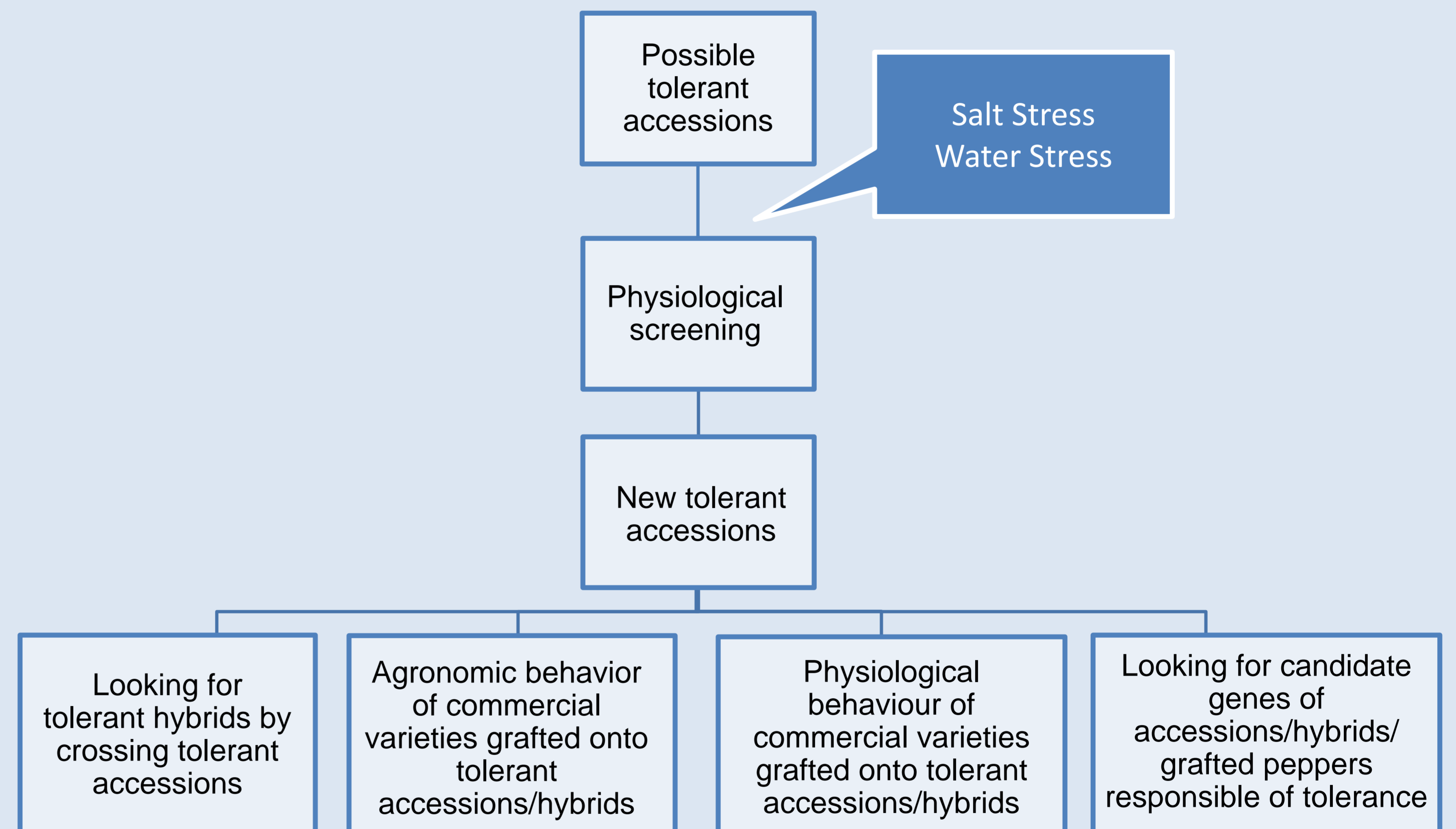
## Introduction



## Objectives

- Explore genetic pepper variability: looking for new tolerant accessions to water and salt stress.
- Obtain new tolerant hybrids by crossing tolerant accessions.
- Identify physiological responses and genetical mechanisms of tolerance of grafted plants onto tolerant accessions or hybrids.
- Evaluate the agronomical behaviour of the combinations, accessions and hybrids under real conditions of water or salt stress.

## Stages of the thesis

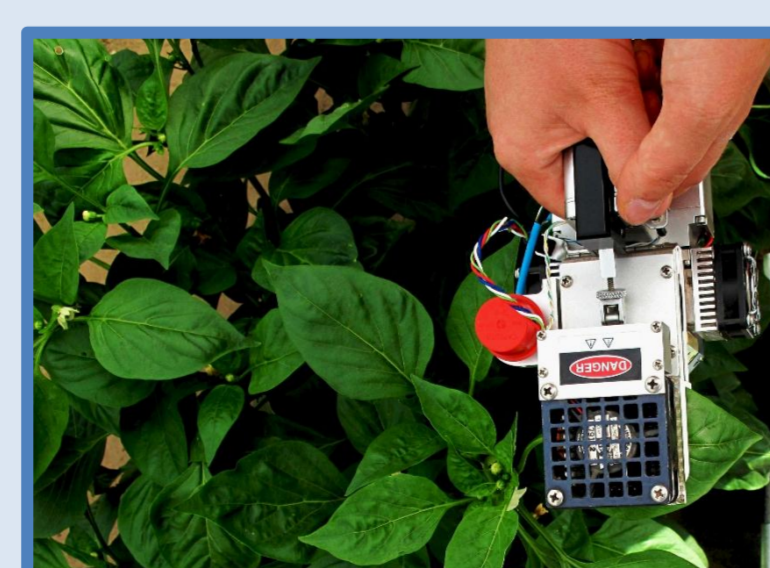
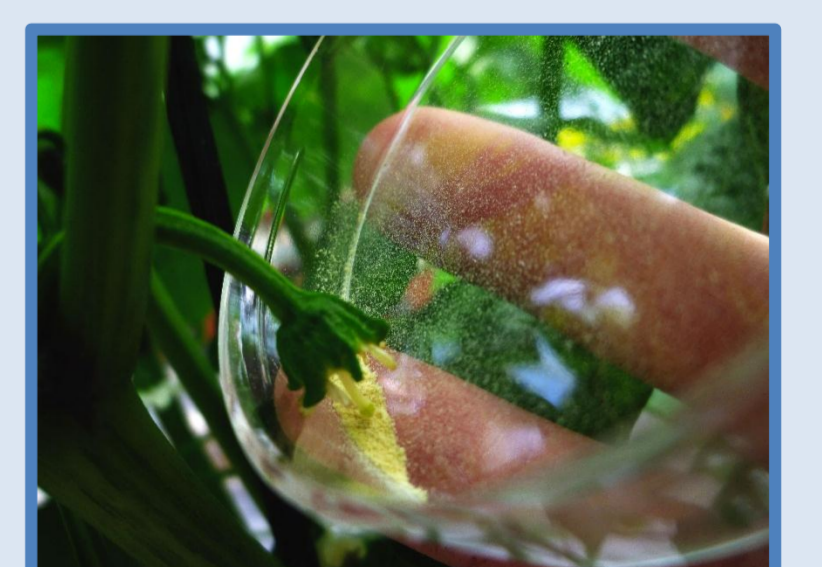


## Expected results and potential profits



New tolerant accessions to water and salt stress, in order to improve pepper tolerance by grafting commercial varieties onto these tolerant accessions

New tolerant hybrids to water and salt stress, more efficient than tolerant accessions when they are used as rootstocks



New insights about physiological and genetic mechanisms of water/salt stress tolerance



Improving the availability of commercial rootstocks which are used for abiotic stresses

Improvement of pepper yield by grafting commercial varieties onto tolerant rootstocks

