

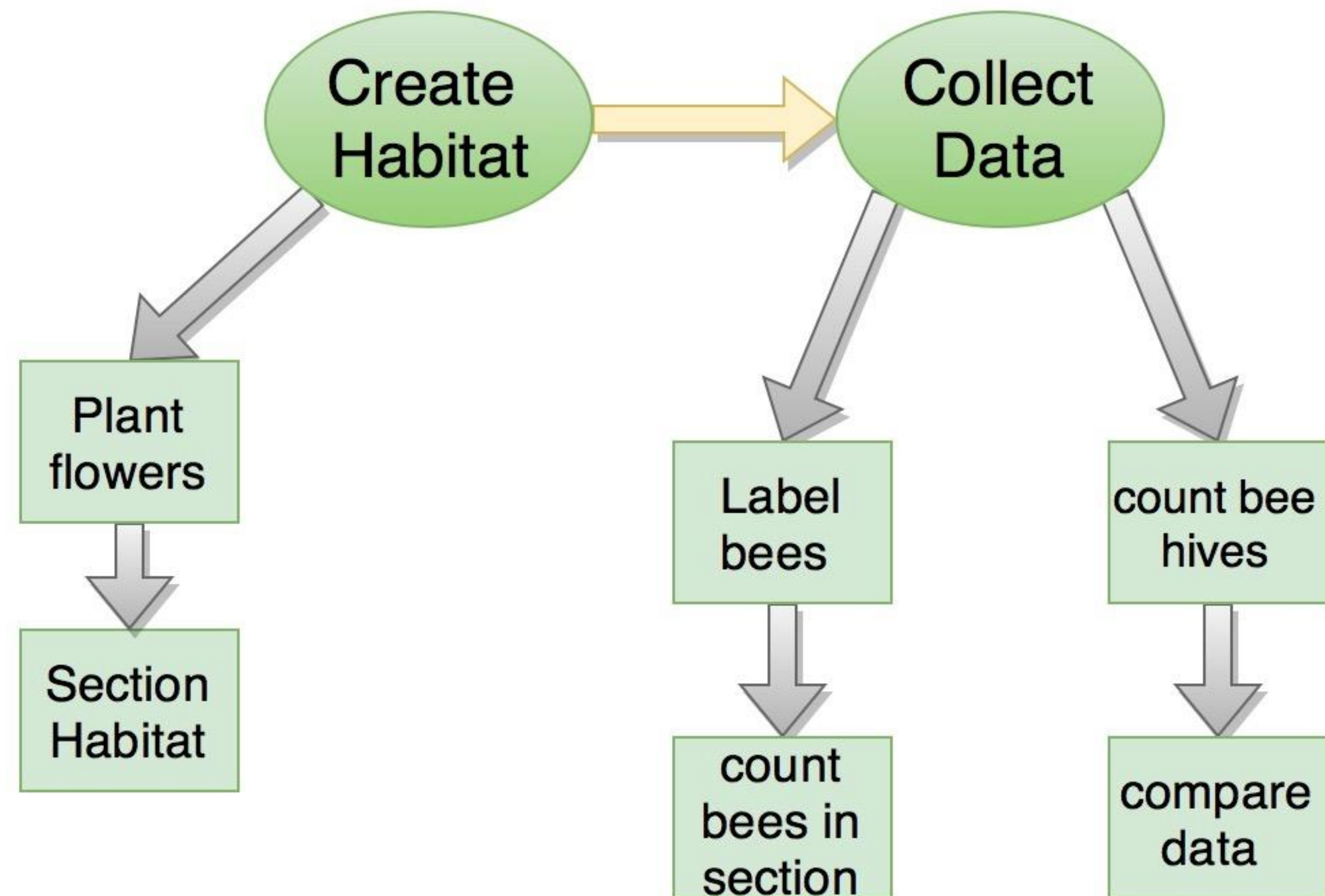
## The Problem

Honeybee extinction leading to a lack of pollination of crops



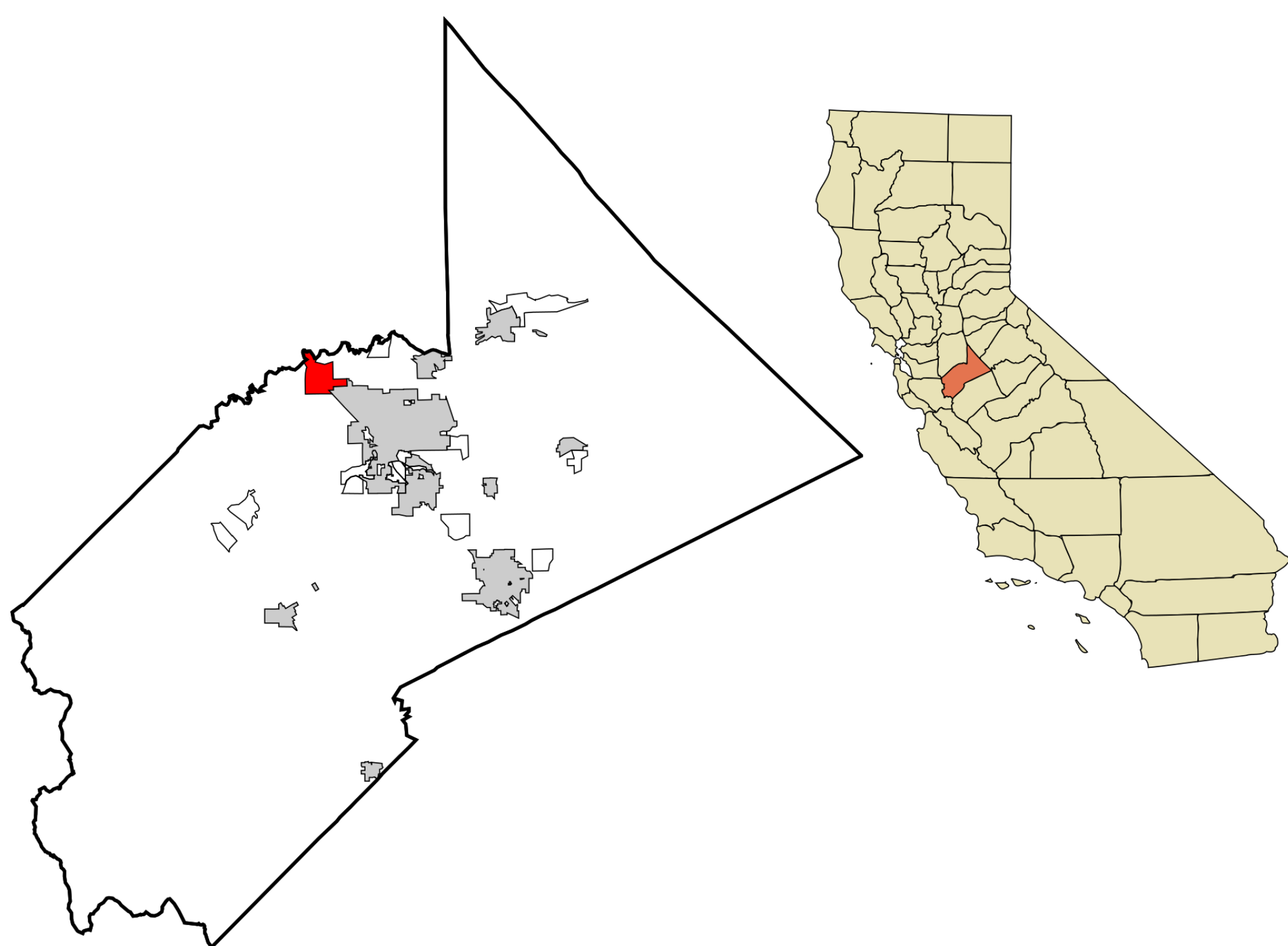
Rossow

## Approach



## Background

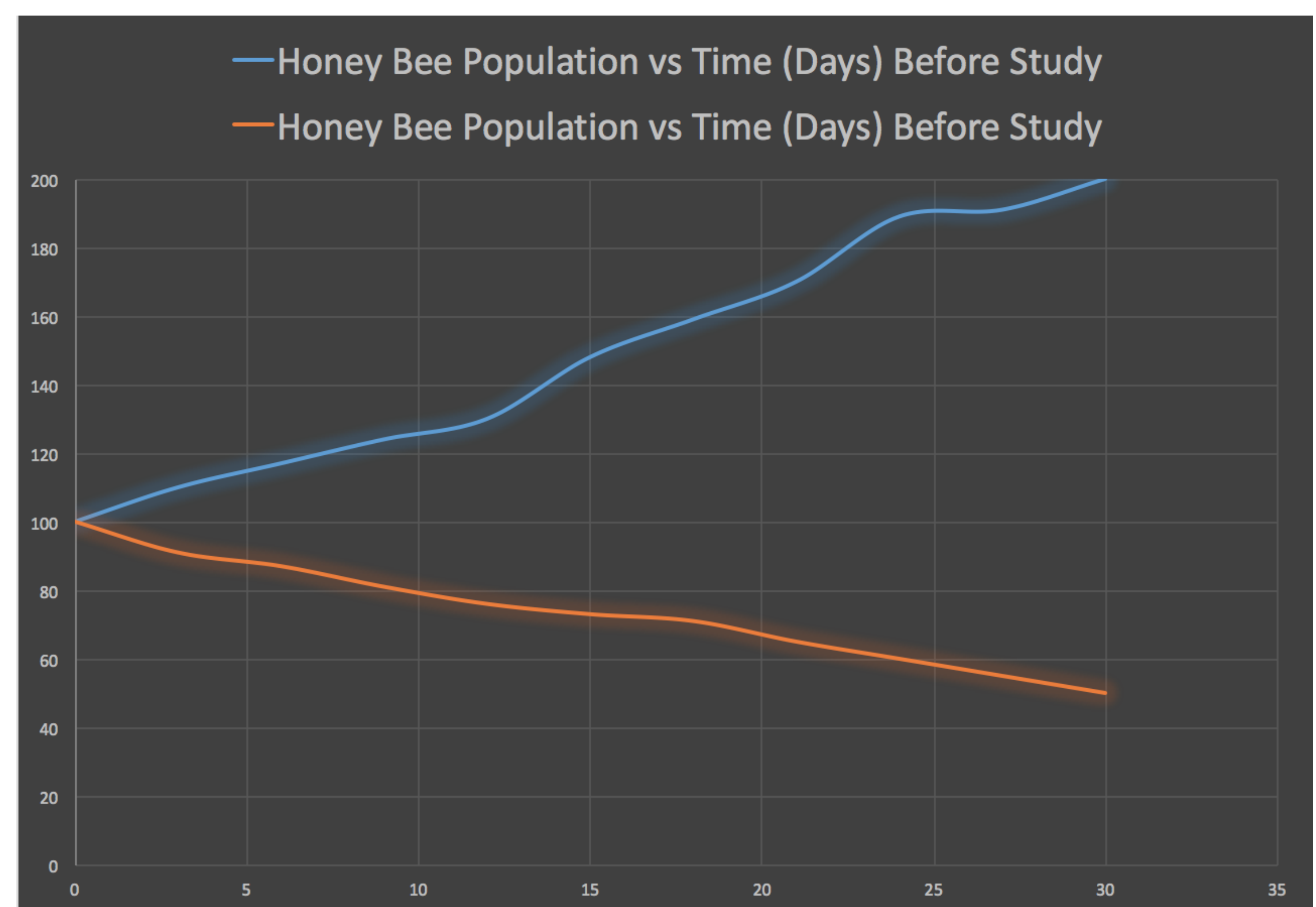
- Target Location: Salida, California
- 70% of the 124 main crops used for food are dependent on pollinators
- In last 5 years, 30% of national bee population has vanished
- Colony collapse disorder is an effect of decline of bee population



Arkyan

## Expected Results

- Increase in bee population
- Rise in crop pollination



## Conclusion

Expected results show successful bee habitat, concluding other farms could benefit from the same method.

## References

- Habitat for Bees and Beneficials: Documenting Successful Function.* (2016). Neal Williams Lab - UC Davis. Retrieved 7 November 2016, from <https://polleneaters.files.wordpress.com/2015/06/factsheet-cig2010-2015-07-01.pdf>
- Vaughan, M., Hopwood, J., Lee-Mader, E., Shepherd, M., Kreman, C., Stine, A., & Black, S. (2016). *Farming for Bees.* Xerces Society for Invertebrate Conservation. Retrieved 9 November 2016, from [http://www.xerces.org/wp-content/uploads/2008/11/farming\\_for\\_bees\\_guidelines\\_xerce\\_society.pdf](http://www.xerces.org/wp-content/uploads/2008/11/farming_for_bees_guidelines_xerce_society.pdf)
- Pamela Rossow, (2013). *A High Resolution Flower and Bee Habitat.* Retrieved from <https://lifelense.wordpress.com/tag/butterfly-plant/>
- Arkyan, (2007). *Depicts the location of Salida, CA.* Retrieved from [https://commons.wikimedia.org/wiki/File:Stanislaus\\_County\\_California\\_Incorporated\\_and\\_Unincorporated\\_ar](https://commons.wikimedia.org/wiki/File:Stanislaus_County_California_Incorporated_and_Unincorporated_ar)

## Costs/Benefits

More honey bees → More Crops (and easy funding)