



# The Savegre: Completing the Case Study

Dr. Aggie Veld  
Prof. Emilie Janes



# Introductions





# History of the Case Study

## **Summer 2014:** Tropical Ecology Course

- San Gerardo de Dota – from dairy to thriving eco-tourist location

ONU College of Arts and Sciences research grant

**Summer 2015:** Traveled to Costa Rica to document the story of a transition to sustainability – as told originally by the Finkenbinder and Chacon families.



# San Gerardo de Dota





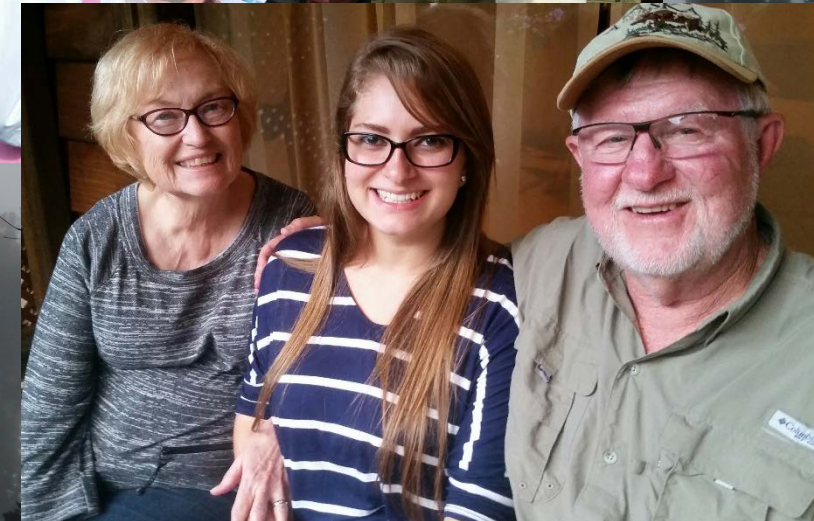
# The Writing Process

Upon return from Costa Rica –

- We had many resources at our fingertips, including our field notes, video interviews with the families and trail videos filmed with a GoPro.

Created characters and a storyline: 5 students planning the “most spectacular spring break ever”

Created an instructional PowerPoint, teaching notes & answer key





# Summary of the Story

- **Part I:** 5 students plan the “most spectacular spring break ever”
- **Part II:** An article, “The Chainsaw and the White Oak”, leads them to San Gerardo de Dota

## The Chainsaw and the White Oak

- **Part III:** The students meet Marino, the eldest son of Efrain and Caridad Chacon, and learn firsthand the story of a transition to sustainability.
- **Part IV:** A “Tail” to Remember!



# The Case

How will the case study work in the classroom?

- 2 days, in-class activities and homework

**Day One:** Read Part I

- **Interactive reading of The Savegre: A Model of Sustainability**

**Homework:** Read Parts II, III, IV & “The Chainsaw and the White Oak”

**Day Two:** PowerPoint presentation, in-class questions, “exit slip”

- **PowerPoint & exit slip examples**





# Publishing



NATIONAL CENTER FOR  
CASE STUDY TEACHING IN SCIENCE

SUNY Buffalo, National Center for Case Studies in Science  
Repository for field tested cases in all areas of science

The case was sent in to be reviewed for publishing...



# Revisions and Resubmission

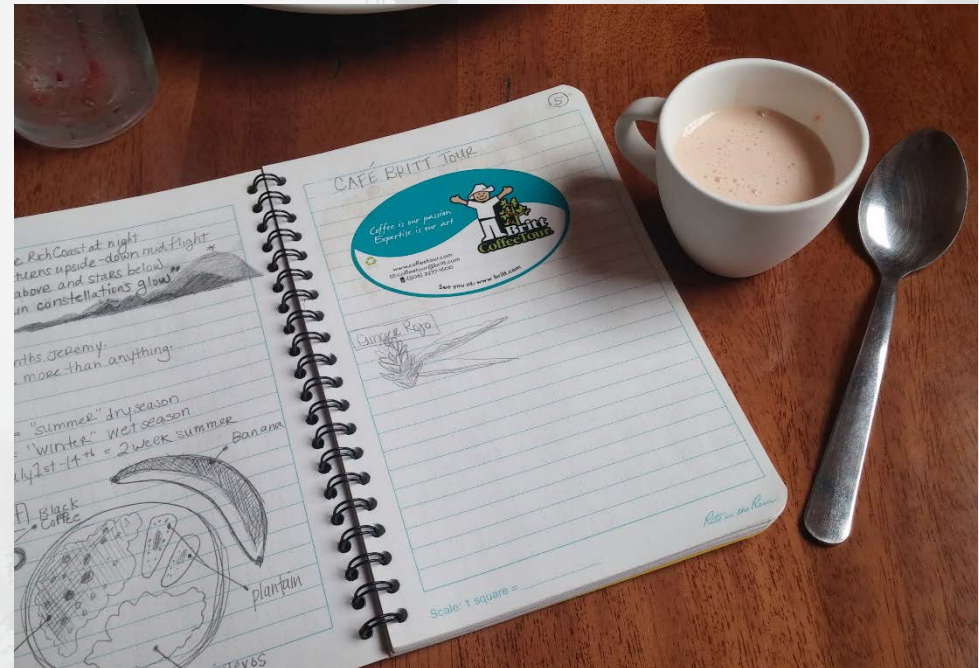
We received word back from SUNY Buffalo, with requests for revision:

- Restructured teaching notes, revised PowerPoint and added content

## Teaching Notes

Introduction  
Classroom Management  
Slide Descriptions  
Blocks of Analysis

## Answer Key





# Current Status

Beginning of 2018 – revisions were submitted!

Awaiting committee approval

Publication following approval



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CASE STUDY TEACHING IN SCIENCE**





# Lessons Learned



- Easier to use them than to write them!
- We covered a lot of history and content with respect to biology, ecology, weather, flora and fauna... but not all have to be so content laden.



# LINKS:

**QERC:** <http://qerc.snu.edu/>

**The Chainsaw & the White Oak:**

[http://digitalcommons.olivet.edu/cgi/viewcontent.cgi?article=1000&context=biol\\_facp](http://digitalcommons.olivet.edu/cgi/viewcontent.cgi?article=1000&context=biol_facp)

**Center For Case Study Teaching in Science:** <http://sciencecases.lib.buffalo.edu/cs/>

**Dr. Leo Finkenbinder:** <https://finkenbinder.wordpress.com/#jp-carousel-119>





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- [http://www2.inbio.ac.cr/en/biod/bio\\_biodiver.htm](http://www2.inbio.ac.cr/en/biod/bio_biodiver.htm) May 10, 2017