Brazil has had a thriving sugar cane industry for over 100 years and has used sugar from sugar cane to produce ethanol for fuel since the mid-1970s. Thus, Brazil is the world’s largest ethanol producer. Much of their ethanol is exported. The large amount of sugar cane grown in Brazil has had beneficial aspects but also many environmental and social problems.

Topics that should be covered (not limited to these topics):
- How much ethanol does Brazil produce each year from sugar cane?
- How much does ethanol cost produced from Brazil sugar cane compared to U.S. corn?
- Which has better CO$_2$ emission savings, Brazil sugar cane ethanol or U.S. corn ethanol?
- What type of land is being cleared in Brazil for sugar cane plantations?
- What is the environmental impact of clearing land for sugar cane plantations?
- What are the social implications to increasing the number of Brazil sugar cane plantations?
- What are the water use issues in growing sugar cane in Brazil?
- What are the recommendations to help alleviate Brazil’s problems?