

# APES – Chapter 16 Case Studies

**Due Date: 2/15 by 23:59 (MSCABANSCIENCE@GMAIL.COM)**

- **Complete CCS for the chapter**

**TOPIC Environmental Hazards and Human Health: CS: pg. 498, 502, 503, 506, 516,**

- **Science Focus: 16.2 – 15 bullet points, define Ecological Medicine**
- **Science Focus: 16.3 - 15 bullet points,**

## **WHAT TO DO?**

1. Read each CS
  2. Summarize each paragraph of a CS, ex. If the CS has 7 paragraphs – that will result in 7 sentences MINIMUM
  3. Identify the toxin/pathogen describe the impact in human health, and provide specific example what part of human health is impacted, what disease/disorder/condition is an outcome of that exposure in a real-life
  4. Ex. of REAL-LIFE application: TB bacteria causing tuberculosis, long incubation period, causes destruction of lungs, current problems, lack of herd immunity, lack of screening, TB bacterium mutated and became resistant to antibiotics (paragraph 3)
  5. Submit as GD – editor
- **HOUSE Diagram: pg. 513**, draw a simple 4 room house - kitchen, bathroom, bedroom, and living room
  - In each room of your house, **FIND two hazardous** materials you have.
  - Describe the HAZARDOUS material and tell me the impact on your health