

Case Studies relevant to Air. (do not cut and paste info = plagiarism).

**Instructions:**

1. You will create a google slide for each case study.
2. On each slide you will answer the questions below. **BULLET ANSWERS ONLY!!!!** Just write #1 (and then answer). If I have to interpret your answers it will not work well in your favor. If you number your bullet points corresponding to the question that will help with grading purposes. They always have case studies on the APES exam and you need to do your own work!!!!
3. Keep track of all references and include works cited on each slide at the bottom in a smaller font(MLA)
4. Share with teacher - Your assignment will be submitted on CANVAS. You will need to create a “shareable link” from your google slide and submit in CANVAS.

**Case Studies:**

Melting of Permafrost, Bee Colony Collapse, Clean Coal, CAFÉ standards, CERCLA, RCRA, Thermohaline Pump (Atlantic ocean), Industrial Smog, Thermal Inversion, Acid Deposition, VOCs, Photochemical Smog

**Questions:**

1. (5) Where in the world is it?
  - Be sure to provide a map and a brief description of location
2. (10) What was its original state of the case study?
  - Describe the major relevant characteristics of the case study. For example: What ecological and economic services does/did/will the case study provide?
3. (10) What is its current state?
  - Is there overuse? Pollution? Bad location? High cost? A weather event? Conflict over rights? A human influence? A combination of several factors?
  - Describe the most important ones that indicate the state of the case study now.
  - What changes in the case study have been observed over time?
4. (10) Future Predictions
  - How will **global climate change affect** the case study?
  - How will the local and/or global population (any species) be affected?