

GGC5006 Ethics in Engineering and Research

Assignment #6

Due Date: 23rd Dec 2025

1. Discuss the following topics how individual choices in everyday life affect the environment:
(a) drinking from disposable cups for coffee or soda pop, (b) driving a sports utility vehicle that gets low gas mileage, (c) eating beef, (d) going the extra mile to dispose of your spent dry cell at a collection point.
2. Controlling, reducing and ultimately eliminating global emission of ozone depleting substances (ODS) become critical to protect ozone layer. All 197 United Nations member countries are phasing out the production and import of ODS such as hydrochlorofluorocarbons (HCFCs), including R-22, under the Montreal Protocol. Do research on HCFC phase-out plan and schedule in China and briefly mention about it. Clearly state the reference(s) that you refer to.
3. Based on NSPE BER Case No. 07-6 (PPT slide 47/78), discuss whether it was ethical for Engineer A not to include the information about the threat to the bird species in a written report that will be submitted to a public authority. You should discuss based on:
 - (a) Code of Ethics for Engineers
 - (b) Ethical frameworks