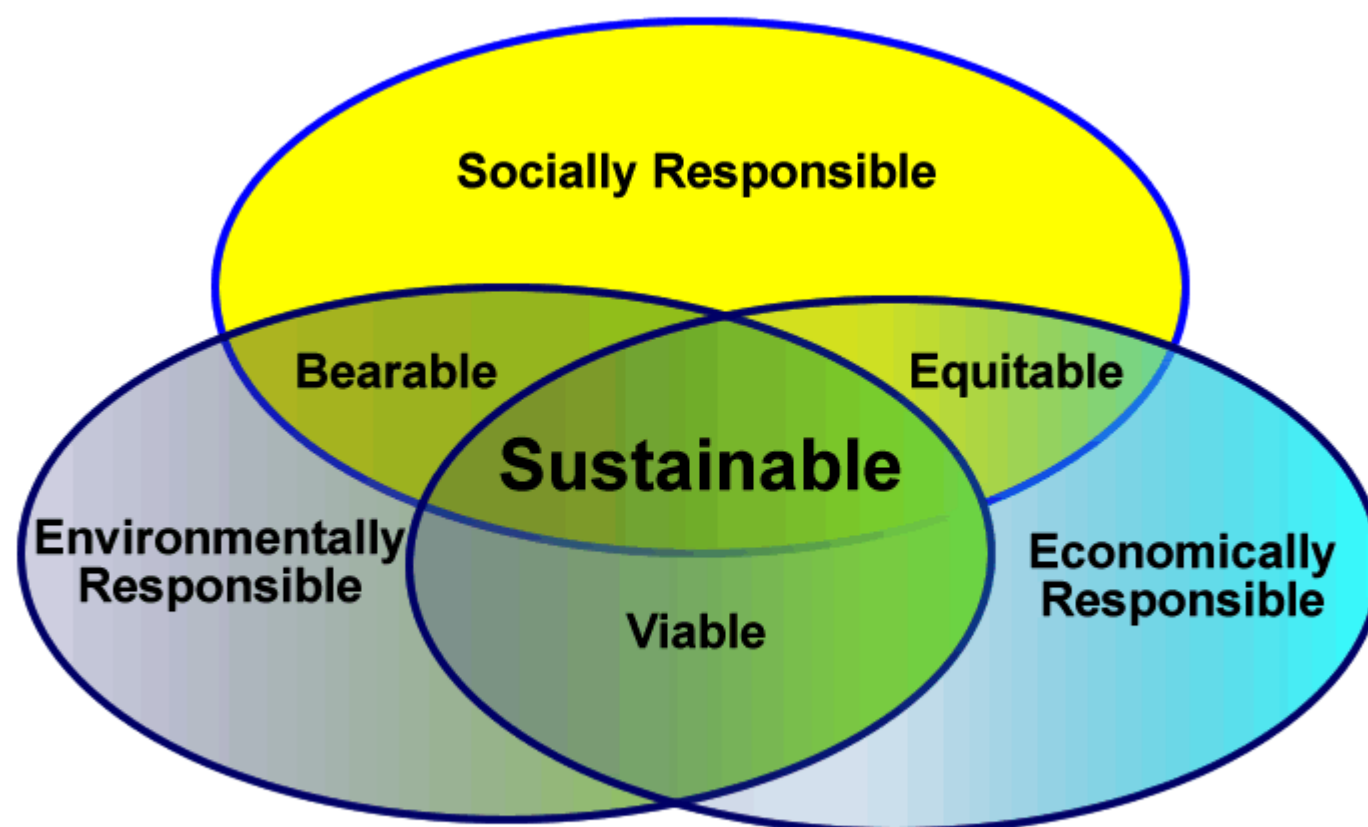


## Ten Commandments for Environmental Engineers

1. Identify and promote the sustainable use of resources while maintaining a balance of social, economic and environmental responsibility.
2. Provide safe, palatable drinking water.
3. Collect, treat and discharge wastewater responsibly.
4. Collect, treat and discharge human refuse responsibly to prevent disease, fire and aesthetic insult.
5. Collect, treat and discharge hazardous materials responsibly to prevent endangerment of human, plant and animal life.
6. Control and treat air pollutants to reduce acid rain, ozone pollution and global warming.
7. Design bioreactors to produce biofuels and electricity from organic waste.
8. Design physical, chemical and biological processes to clean up contaminated sites.
9. Support and enforce legal regulation of the discharge of pollutants.
10. Study the fate and transport of chemical pollutants in air, water and land.

### The environmental engineering paradigm shift



Source: 101 Things I Learned in Engineering School - ISBN 978-1-4555-0977-5