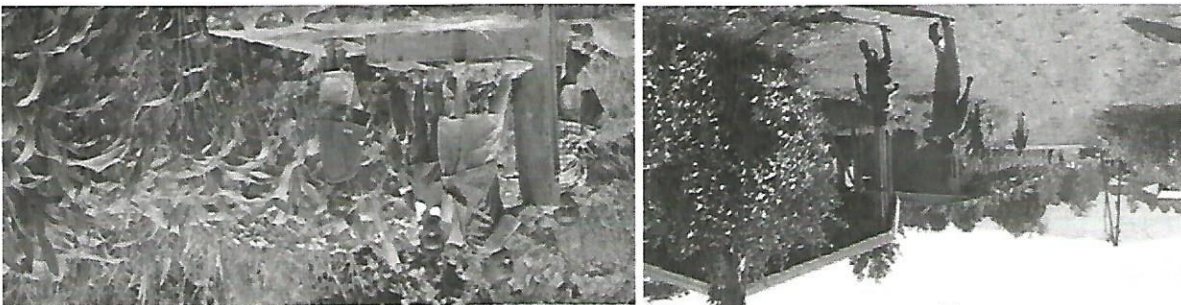


Assignment 4 – Team Oral Presentation Engineers Ethics and Professional Responsibilities



1.0 Assignment Description

In 2015, **Engineers without Borders (EWB)** has partnered with **Reignite Action for Development (RAD)** and identified a range of areas for growth within the district of Bambul in Cameroon. The recent construction of a new university is causing rapid urbanisation in the rural Bambul community and increasing the pressure on the existing water supply, sanitation, water management and available housing facilities [1]. For Assignment 3, you (as a team of 4 to 5) were required to prepare a report using your problem solving and design skills to develop innovative and appropriate project solutions to make a real contribution towards sustainable development of the rural Bambul community.

For Assignment 4, your team must look at the aspects of Engineering Ethics and Professional Responsibility. In **Week 12**, your team has to make an oral presentation on specific ethical issues you have uncovered in the process of doing Assignment 3 [2, 3]. Your discussion should be centered on the following points:

- Define some common ethical issues within the field of Engineering.
- Discuss the importance of the engineering ethics relevant to your project.
- Provide examples of how the team would address the identified engineering ethical and professional responsibilities relevant to your project.
- Outline the Occupational Health and Safety (OH&S) risks associated with your project.

2.0 Deliverables

On completion of this assignment, you (and your team) will have produced the following deliverables:

Team Oral Presentation (15 minutes): Prepare and present a PowerPoint presentation to your workshop group in **Week 12**. The presentation must focus on ethical issues to address the points listed above. Make sure to refer to Engineers Australia Code of Ethics. Think clearly about what you should include in the presentation to address specific ethical issues. This is not just presenting the project based on Assignment 3. The major focus should be specific ethical issues you have uncovered in the process of doing Assignment 3. Your presentation must also include a one or two minute(s) video clip prepared by the team. The video clip must be integrated and incorporated with overall presentation and try to be innovative as well. Your team has to decide on how to partition evenly the presentation so that each of you presents for an equal amount of time.