Introduction

• Inorganic Waste
• Organic Waste
• Biological Waste
• Plastic Waste

Methods

Water Treatment Methods

- Physical Methods
  - Adsorption
- Chemical Methods
  - Membrane Filtration
- Biological Methods
  - Coagulation
  - Phytoremediation

Future Work

- Identification of the solid waste that can be potentially converted to water treatment materials.
- Fabrication of the water treatment materials such as filters and sorbents using solid waste as the feedstock.
- Study the positive impact of the conversion of solid waste to useful materials on human health and environment.
- Study different solvents to see which is best at dissolving plastic.
- Incorporate the process of pyrolysis into experimental procedures.

References