



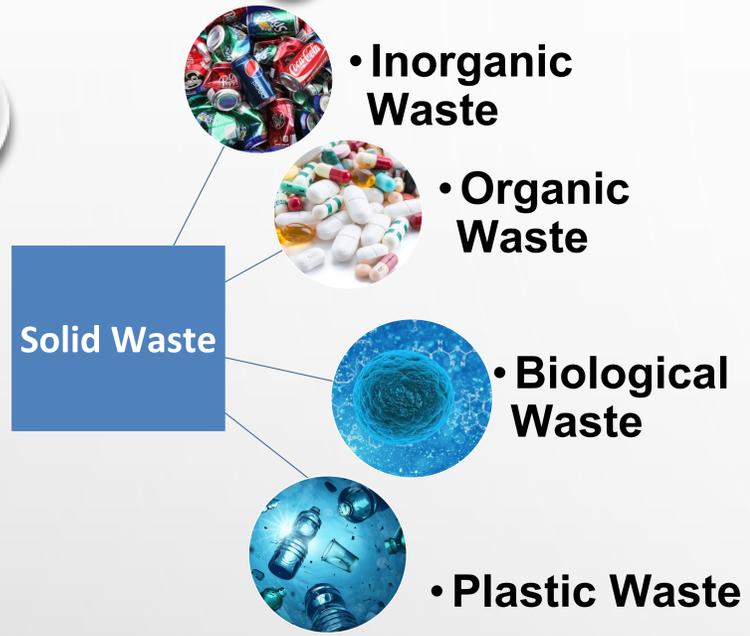
Treatment of Contaminated Water using Recycled Plastics

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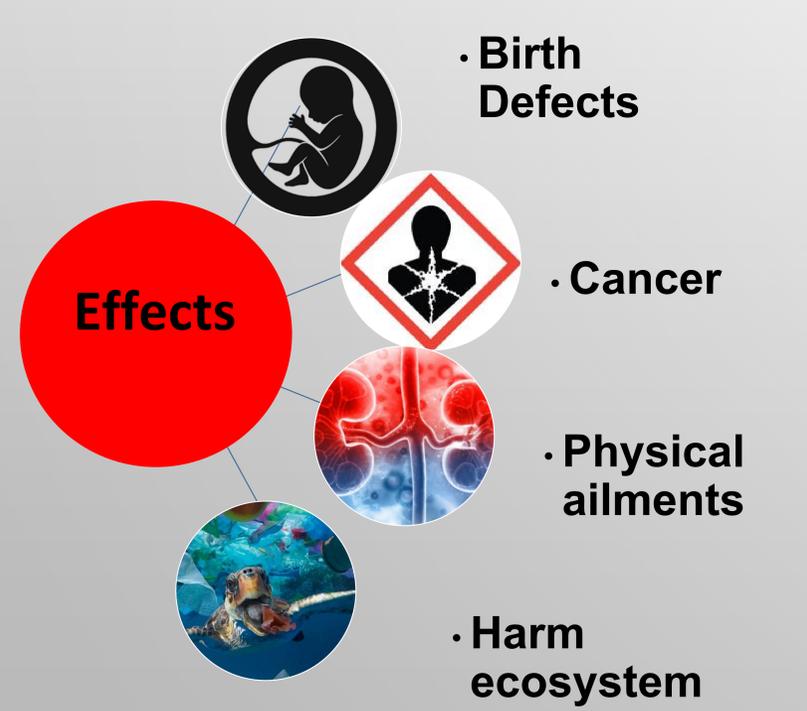
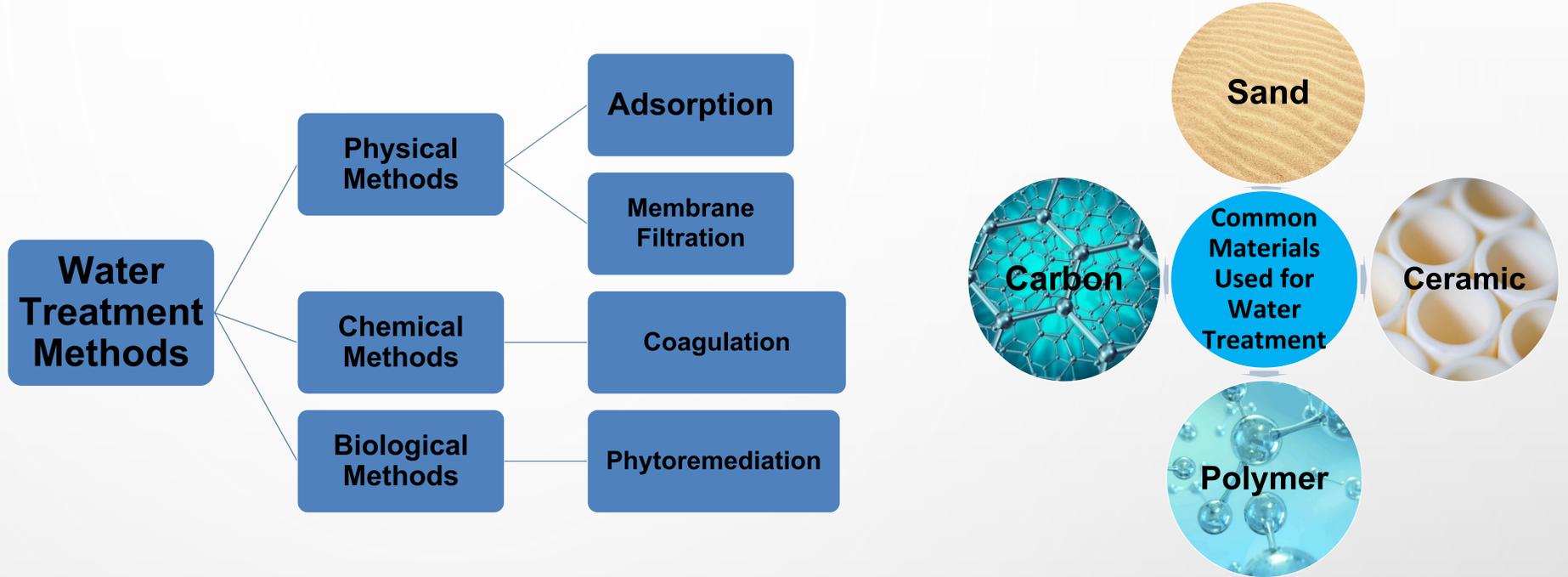
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Introduction



Methods



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

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4. Bhattacharya, A., Sharma, S. Drinking water contamination and treatment techniques. Appl. Water Sci. 7, 1043-1067 (2017).