



COLLEGE OF ENGINEERING

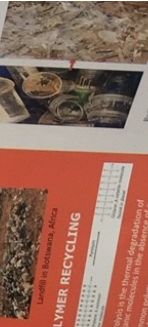
POWERED BY P1

OSU School of Chemical, Biological, and Environmental Engineering
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Collaborators: Ocean P1

THE NIBULATOR (P1F 1)



THE PROCESS



OCEAN PLASTICS

- Most waste plastic is collected from the streets and landfills, not from the ocean.
- Project: Ocean P1F is a team of students and faculty working on a project to collect plastic waste from the ocean and convert it into fuel.
- Goal: To collect plastic waste from the ocean and convert it into fuel.
- Process: Plastic waste is collected from the ocean and converted into fuel.

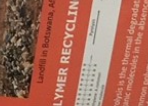
BACKGROUND

THE PLASTICS CRISIS
Plastic waste is a global problem. It is estimated that 8.3 billion pounds of plastic waste are generated each year in the United States. Only 9% of this waste is recycled, leaving 7.5 billion pounds of plastic waste in landfills and the environment.

PLASTICS TO FUEL GOAL

- Develop a reactor for the conversion of plastic waste to fuel.
- Target: 100% of plastic waste converted to fuel.
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POLYMER RECYCLING



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