

RU Wind: Rutgers University Collegiate Wind Competition Team

RUWIND



SMART
SYSTEMS
LABORATORY

RUWind



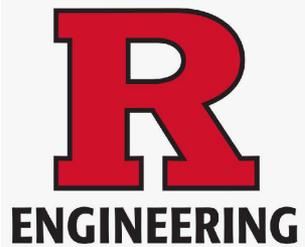
Wind Energy Technology

Project Development

Finance

Communications

Outreach



Meet the team!



James Sullivan
Computer Eng. '24
Team Captain



Anjali Viswanathan
Biomedical Eng. '25
Engineering Team Lead



Saranya Guttikonda
Chemical Eng. '26
Secretary



Melanie Prias
Mechanical Eng. '26
Connection Creation Lead



Yusuf Lee
Industrial Eng. '27
Project Development Lead



Pariza Hassan
Mechanical Eng. '27
Treasurer



Allen Jiang
Mechanical Eng. '27
General Member



Geris Zalzal
Mechanical Eng. '25
General Member



Adam Kershaw
Packaging Eng. '26
General Member

Meet our Advisors!



Dr. Onur Bilgen
Associate Professor, Rutgers Mechanical &
Aerospace Engineering

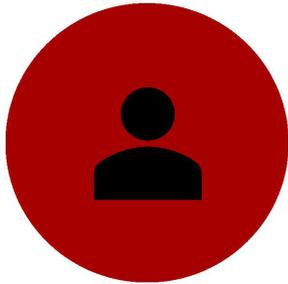


Dr. Laurent Burlion
Assistant Professor, Rutgers Mechanical
& Aerospace Engineering

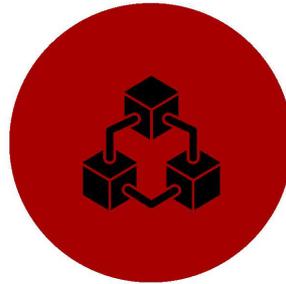


Chelsie Riche
Assistant Director for Student Success
and Experiential Education at Rutgers

Our subteams:



ENGINEERING

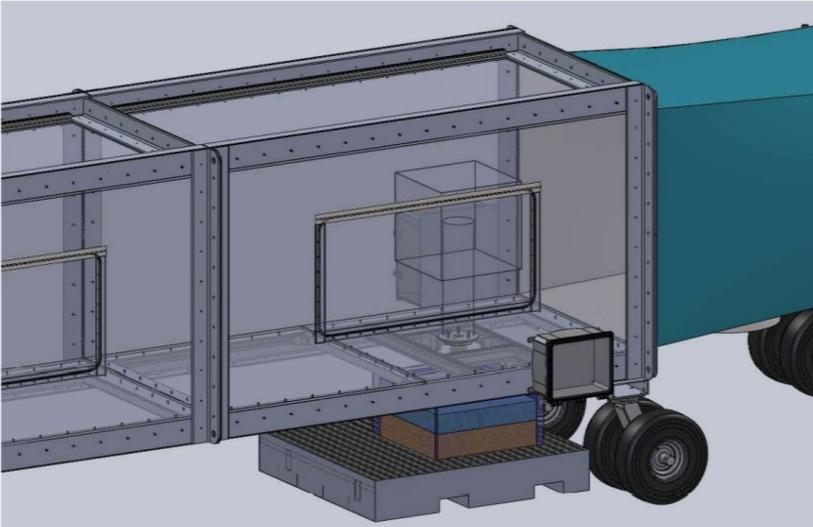


CONNECTION
CREATIONS

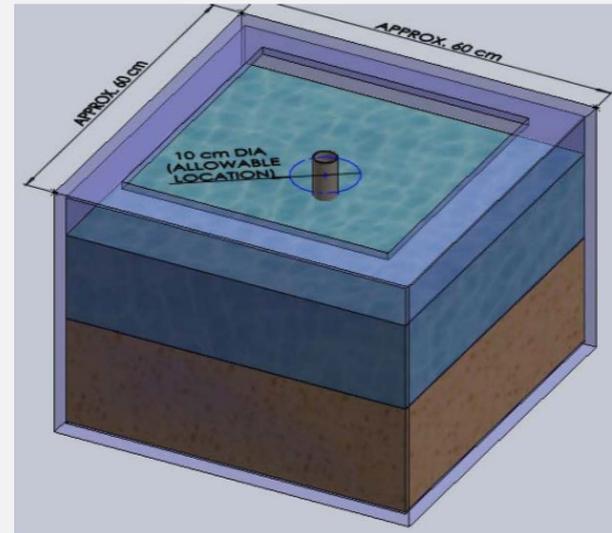


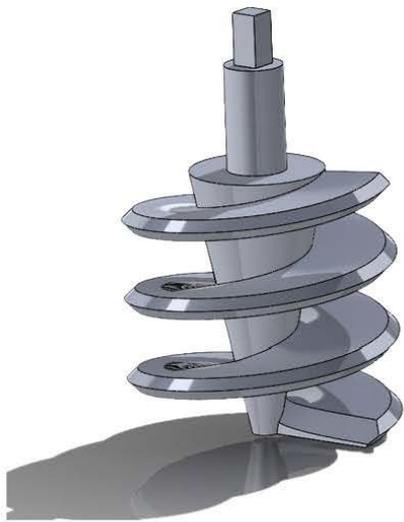
PROJECT
DEVELOPMENT

Engineering Subteam



Wind Tunnel Set-Up





Sand Screw



Bucket Monopile



Tapered Monopile

Connection Creations

@ruwind on Instagram!



ru_wind Following Message

9 posts 47 followers 6 following

RU Wind

Representing @rutgersu in the Department of Energy Collegiate Wind Competition 2024. Learn more about us below: @linktree/rutgers_cwc

Followed by melanie.wx, anjaliv_11, and itsjulianary

POSTS TAGGED

SARANYA GUTTIKONDA
SECRETARY/PROJECT DEVELOPMENT TEAM MEMBER
MAJOR: CHEMICAL ENGINEER
GRAD YEAR: 2026
CURRENTLY LISTENING TO: OPHELIA THE LUMINEERS

ALLEN JIANG
MARKETING TEAM/TURBINE DESIGN MEMBER
MAJOR: MECHANICAL ENGINEER
GRAD YEAR: 2027
CURRENTLY LISTENING TO: ENEMYBANTY PLANTS TO ROLL THE HILLS TEARS FOR FEARS

MELANIE PRIAS
MARKETING LEAD/TURBINE DESIGN MEMBER
MAJOR: MECHANICAL ENGINEER
GRAD YEAR: 2026
CURRENTLY LISTENING TO: SEASONS WAVE TO EARTH

ADAM KERSHAW
TURBINE DESIGN MEMBER
MAJOR: PACKAGING ENGINEER
GRAD YEAR: 2026
CURRENTLY LISTENING TO: SAND IN MY BOOTS MORICAN WALKEN

ANJALI VISWANATHAN
ENGINEERING LEAD
MAJOR: BIOMEDICAL ENGINEER
GRAD YEAR: 2025
CURRENTLY LISTENING TO: DREAMS CHAMBERBERIES

GIERES ZALZAL
TURBINE DESIGN MEMBER
MAJOR: MECHANICAL ENGINEER
GRAD YEAR: 2025
CURRENTLY LISTENING TO: FREE BIRD LYNYRD SKYNYRD

JAMES SULLIVAN
TEAM CAPTAIN/TURBINE DESIGN MEMBER
MAJOR: COMPUTER ENGINEER
GRAD YEAR: 2024
CURRENTLY LISTENING TO: HEROES DAVID BOWIE

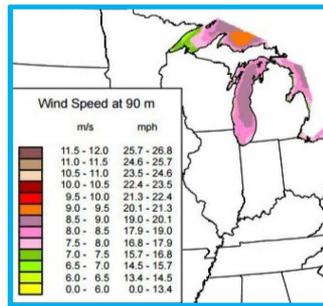
UWIN

Project Development

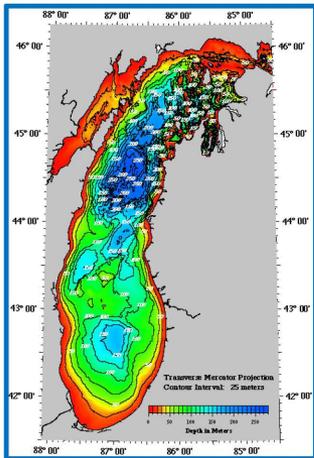
Oil pipelines



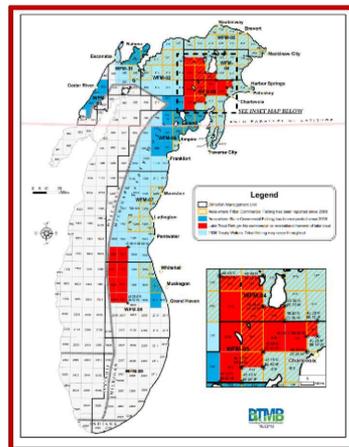
Mean wind speeds Shipping routes



Selected lease block location



Water depth

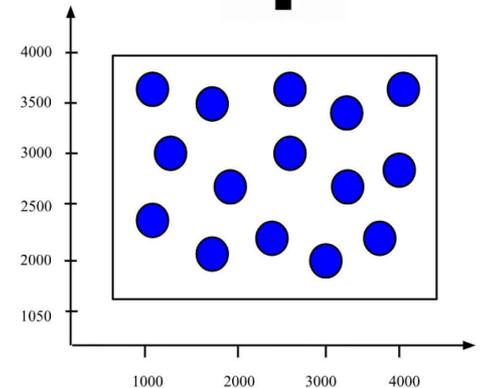
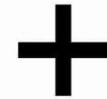


Commercial fishing block locations

And more factors!



Migratory bird patterns



Wind turbine arrangement within lease block

Timeline and Logistics



Phase 2 results: To be published By Jan 31st



Phase 3 Submissions: April 19th



In person Competition with top 12
selected teams: May 6th

Location: the American Clean Power
Association's CLEANPOWER Conference &
Exhibition in Minneapolis, Minnesota

