

# Recycling & Waste Management: Achieving Zero Waste

University of Illinois Urbana-Champaign



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UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

# Nice to meet you!

**Daphne Hulse**

*Zero Waste Coordinator*

E: [dlhulse2@illinois.edu](mailto:dlhulse2@illinois.edu)



# What does the Zero Waste Coordinator do?

- Track waste weights
- Give tours of our Materials Recovery Facility
- Unite with students, faculty, & staff on projects
- Coordinate events & initiatives
- Deploy recycling bins in campus buildings
- Find reuse for items



# What does “sustainability” mean to you?



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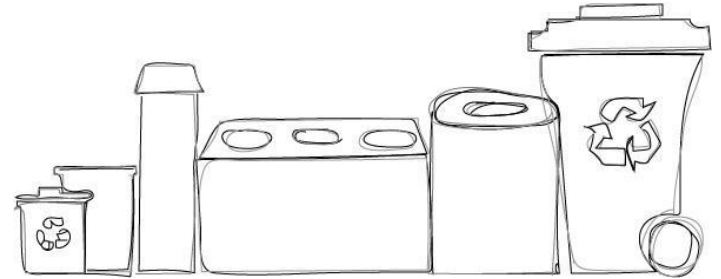
# What does “zero waste” mean to you?



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# Let's look at an overview of university waste management.



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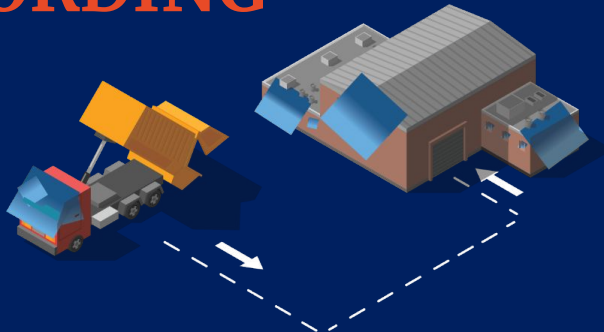
# 1 COLLECTION + ENGAGEMENT



# 2 TRANSPORT + HAULING



# 3 TRANSFER + RECORDING



# 4 SORTING + RECOVERY



# Sorting is a manual process:





Do you recycle at home? What  
do you recycle?



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# Here's what campus recycles:

1. Plastic #1 (PETE) and #2 (HDPE)
2. Aluminum cans
3. Paper
4. Cardboard
5. Scrap metals



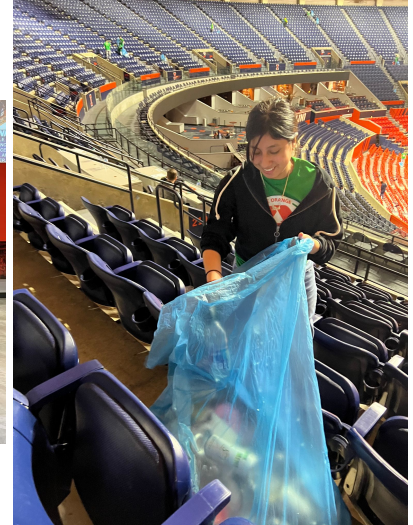
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# Here's how we reduce waste:



Grind2Energy



Fighting Illini,  
Fighting Waste

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# Why is achieving zero waste important?



REFUSE



REDUCE



REUSE



RECYCLE



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# There is no “Planet B.”

- Refusing what we don't need
- Using fewer single-use products
- Recycling more of our products
- Consuming mindfully
- Putting less waste in landfills



# Thank you!



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# Zero Waste & Sustainable Transportation

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# Nice to meet you!

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*Zero Waste Coordinator*

E: [dlhulse2@illinois.edu](mailto:dlhulse2@illinois.edu)

**Sarthak Prasad**

*Sustainable Transportation Assistant*

E: [sprasad9@illinois.edu](mailto:sprasad9@illinois.edu)

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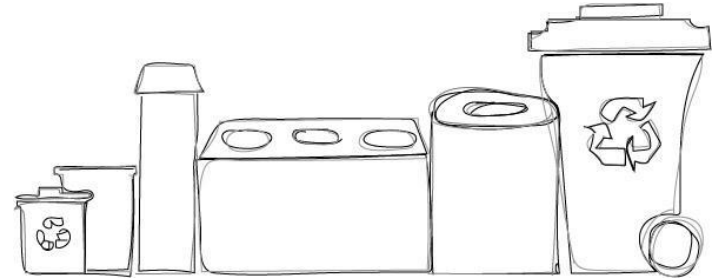


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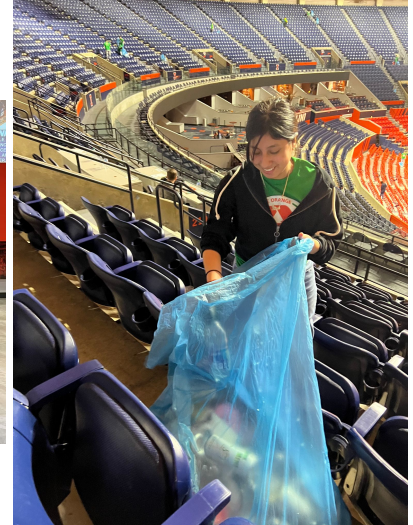




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Fighting Illini,  
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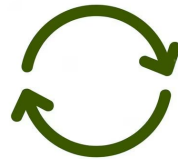
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REFUSE



REDUCE



REUSE



RECYCLE



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# The Road to Sustainable Transportation

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# What are the different modes of transportation?

- Car
- Train
- Bus
- Aeroplane
- Rollerblades
- Motorcycle
- Bicycle
- Scooter
- Walking
- Skateboard
- Boat/Ship



# What is a sustainable mode of transportation?

- A form of transportation that
  - does not require fossil fuel
  - does not emit greenhouse gases
  - is public transportation
  - is shared





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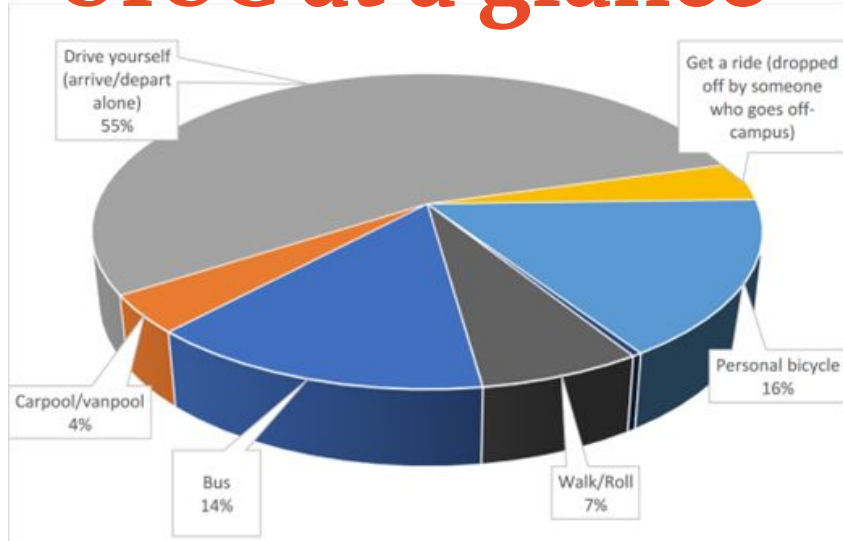


# What does the Sustainable Transportation Assistant do?

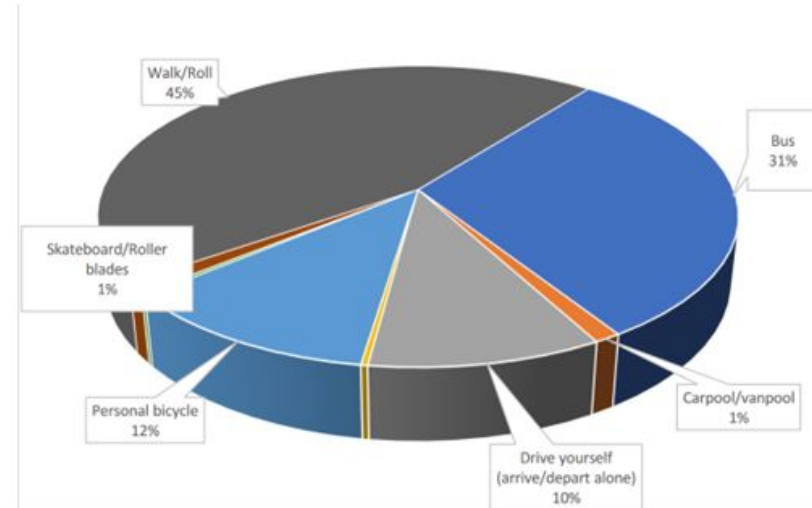
- Manage the bicycle network on campus
- Manage the alternative modes of transportation on campus
- Liaison for the cities regarding the other modes of transportation
- Electric Vehicles on campus
- Eco-Counters - bicycle and pedestrian counters
- Academic Collaborations for sustainability at F&S



# UIUC at a glance



**Faculty and Staff – Primary mode of travel**  
55% drive alone, which is down from 60% from 2019 Mode Share survey



**Students – Primary mode of travel**  
45% walk, which is up from 37% from 2019 Mode Share survey.  
Nearly 88% use active modes of transportation



# List of all alternative modes of transportation available

- Walking and Running
- Bicycling
- Transit
- Ride Share within the campus



# Walking and Running

- Most sustainable form of transportation
- Very walkable campus
- Most of us walk at some point
- Some excellent walking trails and destination in the community
  - Arboretum
  - Japan House
  - Meadowbrook Park
  - Crystal Lake Park
  - Hessel Park
  - Learn more about other [walking destinations nearby](#) here.



# Bike at Illinois

- Campus initiative to promote bicycling on campus and community
  - <https://bike.illinois.edu>
- University has a robust bicycle network
  - Bicycle routes, repair stations, bike racks, etc.
  - <https://bike.illinois.edu/maps/biking-map/>
- Bicycle registration is mandatory
  - \$10 bicycle registration fee
  - National bicycle registration system
  - <https://go.illinois.edu/mybike>



# Transit

- MTD provides transit service for campus and community
  - Currently operating 24 bus routes
  - University ID serves as a bus pass for all students and staff
  - All buses are ADA accessible and equipped with bike racks
- DRES provides curb-to-curb paratransit rides on campus
- Intercity Travel by bus or train at the Illinois Terminal
- Learn more at <https://go.illinois.edu/transit> for more information



# Ride Share within the campus

- ZipCar
- Veo Bike Share



# Thank you!



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