

Enhancing UCLA Athletic Event Sustainability Through Development of Comprehensive Green Templates



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Research Questions



- What are the most effective methods to achieve sustainability in UCLA Athletics programs?
- How can we implement and create guidelines for green sporting events at UCLA?

Significance



- 22 NCAA Division I Varsity teams and over 40 club sports
- Lacking in established sustainability practices
- Massive potential for improvement
 - Multiple areas can be targeted

Goals



1. Gather concrete data regarding waste produced at athletic events at UCLA.
2. Create comprehensive templates for how UCLA Athletics can become more sustainable.
3. Incorporate UCLA club sports into sustainability efforts.
4. Spread awareness of the need for sustainability in athletics & foster student athlete/attendee involvement within UCLA athletics

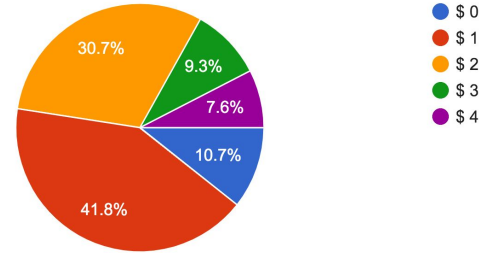
Student Survey



- 5 question survey
- 225 respondents
- Key takeaways
 - Students are moderately concerned about the environmental impacts of athletic events
 - 86.7% of students are interested or extremely interested in sustainable athletic events
 - 89.3% of students would pay at least \$1 extra per concession item for sustainable packaging

How much extra would you be willing to pay per concession item to have environmentally-friendly packaging?

225 responses



Pauley Pavilion Waste Audit



- Pac-12 Zero Waste Basketball Game
 - Over 1,500 pounds of waste generated
 - 94.7% diversion rate
 - Won Most-Improved subcategory
- Eye-opening findings about waste produced by concessions



Easton Stadium Waste Audit



- Set up system of labeled and unlabeled waste receptacles
- Sorted through trash bags to determine percentage of contamination at each station



Example Templates

Wallis Annenberg Stadium

- Before Event:**
- Staff provide education to fans prior to transportation.
 - Have fans waste management stations on fanfare with proper disposal of their different types of waste: recycle, compost, and landfill.
 - Ensure vendors are equipped with the appropriate waste bins and informed about proper disposal techniques.
 - Have fans waste management stations properly labeled with the correct instructions and color-coded bins.
 - Place ahead of time and early signage to prepare fans based upon a reliable, accurate schedule to avoid fan confusion. Have waste management stations to avoid fan confusion.
 - Use clear and advance signage and mobile tablets instead of flyers and ticket stubs to avoid fan confusion.
- During Event:**
- Monitor activities throughout the game (via monitors, announcements, etc.) of the proper disposal of their waste and how you want fans to go.
 - Ensure that waste management signage between the different types of waste and recycling is visible and clear.
 - Instead of using paper towels for fan waste, encourage the use of paper towels for fan waste.
- After Event:**
- Supervise the transportation of waste containers to the landfill or food bank.
 - Collect all items that can be reused later and store them for future events.

Compost, Recycling and Landfill Receptacles Signage Review:



Receptacles Map:



Accessibility & Demographics:

Demographic Notes: ADA
 Accessibility Notes: ADA
 Access Notes: Attendees can enter and leave as they please.

For more information:
 Alex Wong
 Alex Wong
 Alex Wong

Marina Aquatic Center

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Drake Stadium

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Spieker Aquatic Center

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Challenges



- Scheduling complications and finding the appropriate contacts within ASUCLA
- Structuring templates -- general enough, yet sport specific

Future Challenges:

- Template implementation
- Where to send leftover food



What the future of SAR Green Games looks like



- Meet with ASUCLA to switch to compostable-ware and reducing landfill-material items
- Ensuring every facility on campus is equipped with consistent waste receptacles
- Establishing permanent sustainability positions within Athletics and the student-athlete body
- Incorporate our principles into club sports
- The future is bright -- there is great potential

A Quote from Kayla

2019 Green Gala Sustainability Advocate Award Winner, UCLA
Associate Director of Athletic Operations,
Kayla Shirey



“[Our project] was overdue and provided the much needed data to help make changes at our events. The waste audits were great examples of how operationally there needs to be systems in place to give the event a chance to be zero waste/sustainable.

Education is a key component and it starts with the in-house departments making conscious decisions about what products are being used and available for guests.

I think this project gives us a solid foundation for what we need to change internally to reach our goal of being a more sustainable department, not only on event day but in our day to day. I think there are a lot of opportunities for future SAR teams to make great progress within athletics!”

The End

Thank you to everyone who helped along the way!



Questions?