

# Yansong Li

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## Education

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<b>The University of California, Davis, College of Agricultural and Environmental Sciences</b> Geography PhD GPA: N/A	<b>Present</b>
<b>The University of Pennsylvania, College of Liberal and Professional Studies, Philadelphia, PA</b> Master of Environmental Studies in Environmental Sustainability GPA: 3.83 /4.000	<b>May 2022</b>
<b>The University of Connecticut, College of Agriculture, Health and Natural Resources, Storrs, CT</b> Bachelor of Arts in Environmental Studies GPA: 3.546 /4.000	<b>May 2020</b>

## Research Interests

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Sustainable Development, Circular Economy, Industrial Ecology, and Life Cycle Assessment

## Honors and Awards

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- University of Pennsylvania Earth and Environmental Science (EES) Excellence in Environmental Studies Award 2022**
- Winner of the Earth and Environmental Science Excellence in Environmental Studies Award for significant contribution to the field of Environmental Studies and the Master of Environmental Studies program and EES Department.
- University of Pennsylvania School of Arts and Sciences Grad Talk Professional Master Category Winner 2022**
- Winner of the Penn Grad Talk Professional Master's Category with "Witnessing Circularity: Circular Economy Lessons from Amsterdam" Presentation
- University of Connecticut Environmental Studies Alumni Highlight 2021**
- The only student of Class 2020 selected to be featured by the Program of Environmental Studies for Alumni Highlights
- The 3rd Connecticut Urban& Transportation Film Festival 2018**
- The documentary based on "the Circular Economy in Amsterdam Research Project" was awarded for being one of six documentaries selected for public screening at the 3rd Connecticut Urban& Transportation Film Festival

## Publications and Presentations

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### Documentary

- Yansong Li and Kelly-Anne Moffa (2018). "[Beautiful Trash](#)" YouTube.

### Research

- Yansong Li (2022) "[Environmental Impacts of Increased Circularity in Sharing Economy: A Bike-Sharing Service Perspective](#)" University of Pennsylvania Scholarly Commons
- Yansong Li (2021). "[Circular Economy and Industrial Symbiosis Potential of the Bicycle Industry](#)," University of Pennsylvania Scholarly Commons
- Yansong Li et al. (In Press). "[The Paris Agreement: Then and Now Report](#)," University of Pennsylvania Scholarly Commons

## Presentation

- Yansong Li et al. (2022). "[Witnessing Circularity: Circular Economy Lessons from Amsterdam](#)," Philadelphia PA
- Yansong Li and Kelly-Anne Moffa (2018). "[Beautiful Trash](#)," 3<sup>rd</sup> Connecticut Urban & Transportation Film Festival, Storrs CT
- Yansong Li et al. (2019). "Green Stormwater Infrastructure," Stonington CT
- Yansong Li et al. (2019). "Flagship Species and Its Implications for Nigerian Conservational Efforts," Storrs CT

## Interview

- Mia Funk and Yansong Li (2022). "[KC Legacion, Degrowth.info, Sustainability, and Social Media](#)", One Planet Podcast
- Yansong Li and Sara Davis (2022). "[Circling the Economics of Sustainability](#)", University of Pennsylvania Grid Magazine
- Mia Funk and Yansong Li (2022). "[Roland Geyer, The Business -of- Less, Circular Economy and Sustainable Development](#)", One Planet Podcast
- Mia Funk and Yansong Li (2021). "[Tiemens ter Hoeven, Roetz-Bike and Circular Economy and Sustainable Urban Transportation](#)", One Planet Podcast
- Mia Funk and Yansong Li (2021). "[Rowin Snyder, The Le Compostier and Circular Sustainable Agriculture](#)", One Planet Podcast
- Mia Funk, Peter Uba, and Yansong Li (2021). "[Ron Gonen, The Closed Loop Partners and Circular Economy](#)", One Planet Podcast
- Mia Funk and Yansong Li (2021). "[Ties Van der Hoven, The Weather Makers and Ecosystem Restoration](#)", One Planet Podcast

## LinkedIn Article

- Yansong Li (2022). "[When Sun Shines on Circular Economy: How Environmental Policies Can Help Solar To Become Circular](#)" LinkedIn
- Yansong Li (2022). "[Circular Sharing: How Increased Circularity Impact the Bicycle Sharing Services?](#)" LinkedIn
- Yansong Li (2021). "[Circular Cycling: How Bicycle Industry Can Adapt to a Circular Future?](#)" LinkedIn
- Yansong Li (2021). "[How Local Amsterdam Businesses Embrace and Promote Circular Economy](#)," LinkedIn

## Skills

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- Language: Mandarin Chinese (Fluent), English (Fluent), French (Elementary)
- Technology: Microsoft Office, Python(elementary), Drone Piloting, Video, and Audio Editing
- Research: Life Cycle Assessment, OpenLCA, ArcGIS, Project Management, Statistics, Interview, Global Experience,

## Professional and Service Experiences

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### One Planet Podcast

05/2021-Present

Associate Environmental Podcast Producer and Interviewer, Philadelphia PA

- Acting as associate student environmental podcast producer and interviewer for one of the world's top environmental podcast organizations
- Responsible for helping produce podcasts and conducting selected interviews with leading environmentalists & organizations, with emphasis on sustainability, circular economy, and climate change

### GreenBiz Circularity 22

05/2022-05/2022

Student Volunteer

- Served as a student volunteer during the GreenBiz Circularity 22 event
- Assisting in breakout session management and attendee services while performing other required event organizing responsibilities
- Gained invaluable experience and insight on circular economy application in public and private sector settings

### Penn Sustainability Consulting Group

03/2021-05/2022

Graduate Group Member

- Served as a graduate group member of the Penn Sustainability Consulting Club with a focus on Circular Economy and Sustainability Consulting

**Climate, Diversity, Equity, and Inclusion Committee**

12/2021-06/2022

*Master's Student Representative, Philadelphia PA*

- Serving as the Master's Student Representative on the committee to help create a welcoming and supportive work and education environment for all community members
- Facilitate fundamental changes within the department by representing the diverse student body of the master's program, and work with all Earth & Environment Science Departments and other university organizations.

**Pan-Asian American Community House**

10/2021-05/2022

*Volunteer, Philadelphia PA*

- Volunteered during Asian Pacific American Heritage Week by assisting in preparing and hosting events
- Using previous podcast interviewing and production experiences to assist a group of Chinese international students in creating a new podcasting channel to advocate for social justice multiculturalism and provide a space for international students to engage in honest conversation and self-expression.
- Act as the liaison between PAACH and Earth and Environmental Science department Diversity Committee to facilitate inter-organization cooperation, and lay the foundation for long-term future collaboration

**Master of Environmental Studies Diversity and Inclusion Group**

05/2021-06/2021

*Group Member, Philadelphia PA*

- Discussed issues of diversity and inclusion by reviewing student survey responses to better support students and make changes within the department
- Assisted in setting up the group meeting and offered personal experience on the topic of racial diversity and inclusion to support the Asian student community at the university

**UConn EcoHusky**

05/2016-05/2018

*Member and Volunteer, Storrs CT*

- Collaborated with Hartford Marathon to reduce food waste and increase recycling by setting up and managing garbage classification stations
- Worked in 5 Green Game Day events to increase public awareness of sustainability and trash classification
- Participated in the 2016 Hartford Climate March to advocate for sustainability and social and environmental justice

**Teaching, Research and Travel Experience**

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**Teaching Assistant, LDA 001 Introduction to Environmental Design**

Present

*Teaching Assistant, University of California, Davis*

- Serving as the Teaching Assistant for Introduction to Environmental Design
- Assisted Instructor in course delivery by assisting in daily course logistics, grading assignments, and answering student questions.
- Improving student interpretation of lecture materials and prepare for course assignments & projects by leading two discussion sections along with hosting extra office hours.

**Environmental Impacts of Increased Circularity in Sharing Economy: A Bike-Sharing Service Perspective***Student Researcher, University of Pennsylvania*

01/2021-04/2022

- Investigated the environmental, social, and economic aspects of bike-sharing services and the impact of circular economy adoption on the bike-sharing industry
- Using LCA to estimate the effects of daily a circular economy model adoption through increased recycling of bike-sharing services by testing the changes to environmental impact with different recycling rates
- Contributes to creating a more integrated study between the circular and sharing economy by providing additional insights into the synergistic relationship between the two paradigms and assisting in strengthening bike-sharing as a sustainable transportation method

- Solar PV and Wind Turbine Circular Economy Policy Recommendations** **09/2021-12/2021**  
*Student Author, University of Pennsylvania*
- Reviewed present challenges facing Wind Turbine and Solar PV Cell End-of-Life circular management within the context of existing environmental policies
  - Assessed strengths and weaknesses of various newly employed innovative Solar and Wind power circular economy state policies
  - Produced policy memo with detailed recommendations on policies to help create a solar and wind circular economy, and published through LinkedIn to share with renewable energy, circular economy, and environmental policy communities.
- Circular Economy and Industrial Symbiosis Potential of the Bicycle Industry** **05/2021-08/2021**  
*Student Researcher, University of Pennsylvania*
- Examined currently employed methods and emerging opportunities to transition the biking industry to a circular economy
  - Reviewed six industry-leading companies and relevant academic and news articles to Investigate innovative sustainable product design approaches, industrial symbiotic opportunities, and unique circular business models of the bicycle industry
  - Compiled research results to create the “*Circular Economy and Industrial Symbiosis Potential of the Bicycle Industry Report*” and published through LinkedIn and The University of Pennsylvania Scholarly Commons to share with bicycle and circular economy communities
- Comparative Life Cycle Assessment of Monocrystalline Solar Panels and The Horizontal Axis Wind Turbines** **01/2021-04/2021**  
*Student Researcher, University of Pennsylvania*
- Using LCA to compare the environmental impact of using solar PV cells and wind turbines for power generation in the Los Angeles, CA area
  - Determined the environmental impact hotspots within the production systems and recommended actions on improving the environmental profile of the industry
- Cotton Tote Bags and HDPE Plastic Bag Sustainability LCA and Corporate Sustainability** **09/2020-12/2020**  
*Student Researcher, University of Pennsylvania*
- Analyzed the environmental and social impact of resource extraction, production, consumer consumption behavior, disposal, and recycling life cycle stages of cotton tote bags and HDPE plastic bags
  - Presented seven cross-industry sustainability improvement collaborative actions based on three reviewed benchmark companies
- The Paris Climate Agreement: Then and Now Report, Page 39-46** **09/2020-12/2020**  
*Research Team Member & Coauthor, University of Pennsylvania*
- Coauthored The Paris Climate Agreement: Then and Now Report with fellow student researchers
  - Investigated actions taken by six countries with varying economic and social development statuses to achieve NDC goals.
  - Assessed currently attained achievements and future social, economic, and environmental challenges faced by each examined country
- The Impacts of Global Waste Trade and the Potential for Circular Economic System in China** **02/2020-05/2020**  
*Student Researcher, University of Connecticut*
- Synthesizing news reports and academic literature to explore the current state of the global waste trading systems and examine its impact through the lens of environmental impact, public health, environmental justice, and social justice.
  - Used China as an example to explore the current state of the recycling industry in developing countries and the circular economy adoption potential
- Flagship Species and Its Implications for Nigerian Conservational Efforts** **01/2019-05/2019**  
*Research Team Member, University of Connecticut*
- Investigated how local culture and proper communication affect the success of employing flagship species, along with the positive and negative effects of flagship species, within Nigerian conservation efforts
  - Presented final research finding through university poster session with fellow students

**Climate Corps Stonington CT MS4 Stormwater Low Impact Development Project**

01/2019-05/2019

*Project Group Member, University of Connecticut*

- Launched the project with Professor Juliana Barrett, Prof. Bruce Hyde, and two other group members to develop low-impact development plans to reduce the stormwater runoff from six municipal buildings in Stonington, CT.
- Using GIS, online resources, and field surveys, the group recommended 12 low-impact development plans with infrastructures such as rain gardens, rain barrels, and permeable pavement to reduce pressure on the sewage system

**Cost of Sea Level Rise in Miami Beach South**

09/2018-12/2018

*Research Team Member, University of Connecticut*

- Collaborated with the research group to assess the impact of 4 feet of sea-level rise on the economy, health, National Flood Insurance Program, land use, demographics, and culture of Miami using online resources and GIS

**Circular Economy in Amsterdam**

05/2018-10/2018

*Research Team Member, University of Connecticut*

- Designed the project with other teammates and assisted by Dr. Carol Atkinson-Palombo, and Dr. Norman Garrick.
- Traveled to Amsterdam and interviewed local business owners to understand how a circular economy system behaves and operates in real life and how it can be adopted in other parts of the world
- Published the Beautiful Trash documentary and LinkedIn Article to present research findings to the public

**References**

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**Dr. Edward Spang, PhD**

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**Dr. Carol Atkinson-Palombo, PhD**

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**Mia Funk**

Artist, Founder and Host of The Creative Process &amp; One Planet Podcast

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