



 African Studies Center
Advancing the Place of Research, Learning, and Community |  Earth Rights Institute

ARCC Forum

Africa's Readiness for Climate Change

April 19th-23rd, 2021

PROGRAM

Designed by Tania Saldivar

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studio



UCLA African Studies Center

Founded in 1959 as a U.S. National Resource Center, the **UCLA African Studies Center (ASC)** serves as the “central processing unit” of Africanist expertise at UCLA. The ASC engages a growing global network of students, scholars, educators, policymakers, entrepreneurs, artists, and activists committed to the imperatives of transformative research.



Earth Rights Institute (ERI) was founded in 2001 as a US 501(c)(3) organization. ERI promotes a model of development that supports the re-localization of development expertise.

Regenerative communities are empowered communities that manage and direct their own growth, strategies, and expert knowledge. Our team develops, designs, and implements programs that incorporate education, advocacy, and research in building ecologically, economically, and culturally sustainable communities around the world.

ERI works in a collaborative method with partners and local leaders.

The **UCLA African Studies Center** and the **Earth Rights Institute** invite you to engage with us in this virtual ARCC 2021 that inaugurates a five-year commitment to building bridges between the US climate change movement, African Diaspora, and Africans addressing climate change emergency action.

This event includes multiple UCLA schools and departments and provides the opportunity to meet some of the most notable Africans on the continent and in the Diaspora engaged in climate change. This platform will help develop strong public/private partnerships between the US and Africa, united in seeking climate solutions and implementing the UN SDGs. The ARCC Forum will assemble interdisciplinary panels of scholars, students, scientists, industry leaders, climate change innovators, youth activists, and dignitaries to build on African initiatives in these key areas: sustainable agriculture, energy, water use, wetland restoration, biofuel development, entrepreneurship, awareness building, engineering, and ecovillage development.

The general goal of the forum is to develop an integrated vision of “Green Development” in Africa that is both ecologically and economically sustainable, emphasizing local solutions to climate change developed by African stakeholders in urban and rural environments. Key contributors will identify priorities for research and implementation, and collaboratively develop an action plan for the future. It will give students, academics, and climate change activists an opportunity to continue a dialog and collaboration into an actionable climate action plan for the future.

FORUM SCHEDULE

Presenters and topics for Zoom Webinar, April 19-23, 2021.
All times are listed in PDT (Los Angeles).

ARCC 2021 KEYNOTE SPEAKERS



Nnimmo Bassey

Director of Health of Mother Earth Foundation, Nigeria

Director of Nigeria-based ecological think-tank, the Health of Mother Earth Foundation, 2010 Right Livelihood Laureate, and Time Magazine's Hero of the Environment, Bassey will speak on environmental activism in Africa.



Ousmane Pame

President of Global Ecovillage Network Africa and REDES, Senegal

President of Global Ecovillage Network Africa and Network for Ecovillage Emergence and Development in the Sahel, Pame will speak on solutions for climate refugees and regenerative programs for communities.



His Excellency Ambassador Sidique Wai

Sierra Leone Ambassador to the United States

Founder of the United African Congress, UN Delegate, diplomat, and Secretary General of ECOWAS, HIS Excellency Ambassador Wai will speak on emerging economic opportunities for a green Africa.



Elizabeth Wathuti

Founder of Green Generation Initiative and Head of Campaigns at Wangari Maathai Foundation, Kenya

Environmentalist, climate activist, and a recipient of the Wangari Maathai Scholarship, Wathuti will speak on African youth mobilization for climate action and conservation.



MONDAY 4/19

(9AM) WELCOME & OPENING REMARKS

with Dr. Andrew Apter and Ms. Annie de la Bouillierie Goeke

Andrew Apter is the Director of the James S. Coleman African Studies Center and Professor in the Departments of History and Anthropology at UCLA.

Annie de la Bouillierie Goeke is the Co-Founder and Executive Director of the Earth Rights Institute.

(9:15-10AM) KEYNOTE 1 and Q&A:

“Mobilizing African Youth for Climate Action and Conservation,” with **Elizabeth Wathuti** (Kenya), **Founder of Green Generation Initiative and Head of Campaigns at Wangari Maathai Foundation.**

(10:15-11:45AM) PANEL 1: Youth Leadership - Student Presentations

Moderated by Nurit Katz, UCLA Chief Sustainability Officer

- Ronald (Ronnie) Thompson III, 4th year Environmental Science major, President of the Congo Basin Institute Club (Institute of Environment and Sustainability).
- Kian Nikzad, 3rd Year Computer Science major, and Ikuko (Coco) Nakano, 2nd Year Civil Engineering major, Bruin Home Solutions Leadership in Energy and Environmental Design (LEED) Lab (Henry Samueli School of Engineering).
- Zoe Reinecke, 4th year International Development Studies major, Director of Project Incubator, Global Development Lab (International Institute).

(12-2PM) NETWORKING EVENT

Organized by UCLA Bruin Home Solutions Leadership in Energy and Environmental Design (LEED) Lab

The Networking Event is being hosted on Gatherly. Join through this link:

<https://arccnetgal.event.gatherly.io>

TUESDAY 4/20

(9-10AM) KEYNOTE 2 and Q&A:

“The Challenge of Technology in the Quest for Environmental Justice,” with **Nnimmo Bassey** (Nigeria), **Director of Health of Mother Earth Foundation**, 2010 Right Livelihood Laureate and one of Time magazine’s “Heroes of the Environment”. Opening poetry by Christine Yohannes.

(10:15-12PM) PANEL 2: Energy, Water, Climate—Regenerative Infrastructures & Indigenous Frameworks

Presentations:

- “Water Resource Management in Africa from Space,” by Mekonnen Gebremichael, Professor, Department of Civil and Environmental Engineering, UCLA.
- “Quality of Carbon Offset Methodologies for Clean Water Projects in East Africa,” by Mason King, Carbon Neutrality Initiative (CNI) Fellow/MS student in Department of Environmental Engineering, UC Berkeley.
- “Solar and Livestock in Masaai Energy Interconnections,” by Turner Adornetto, Electrical Engineer.
- “Adopt a Cookstove Carbon Offset Project,” by Yingfei Jiang and Ilayda Dinc, Bren School of Environmental Science and Management, UC Santa Barbara.

(12:15-1:30PM) PANEL 3: Food, Health, Education—Integrative Responses

Presentations:

- “Policy Frameworks on Climate Change Mitigation and Adaptation: Consideration of Local Indigenous Knowledge, Practices of Agrarian Communities in Western Highlands of Cameroon,” by Eric Ndeh Mboumien Ngang, Doctoral Student, University of Birmingham School of Law.
- “Climatizing Public Health Discourse: Integrating Health and Environmental Sustainability Solutions,” by Gbujie Daniel Chidubem, Founder and President of Team54Project International.
- “School Gardens Towards Feeding Programs and Deep Learning,” Joyce Misoi, Founder and CEO of Watu Health Innovation Summit Foundation Africa.

(3-5PM) INTERACTIVE STUDENT WORKSHOP: CLIMATE ACTION DESIGN THINKING JAM SESSION

120 Minutes to Change the World. Are you in?

Determining and clearly defining the problem to focus on is often the first step to solving it. Leveraging Enterprise Design Thinking is a powerful way to ideate quickly, with an intention to iterate on solutions over time. Join this fun, virtual, highly interactive, fast-paced Design Thinking Jam Session. Over the course of two hours, be prepared to engage, share, think, inspire, and be inspired. All problems are solved by starting with an idea, and maybe, just maybe you will be part of something that changes the world. Are you in?

****Please note that this session is only for students. Participants do not have to be UCLA students.**

Please fill out this form if you are a high school or college student and would like to participate. **

Register here for the workshop: <https://forms.gle/KF3WLbq5gPEGxR7G9>



Workshop led by John Ayers

John Ayers is the Salesforce Marketing Practice Lead for IBM, a Certified Design Thinking CoCreator, a Blue Core Coach and Founder of the Los Angeles Service Design community. With over 25 years in traditional and digital marketing strategy, John Ayers brings experience leading large scale business transformations often guiding solutions for organizations’ most complex problems while maintaining focus on the human experience.

WEDNESDAY 4/21

(9-10AM) KEYNOTE 3 and Q&A:

“Climate Refugees and Regenerative Communities,” with **Ousmane Aly Pame** (Senegal) President of Global Ecovillage Network Africa and Founder and President of Network

for Ecovillage Emergence and Development in the Sahel. Moderated by Boyce Buchanan, UC Berkeley.

(10:15-11:45AM) PANEL 4: Climate Refugees and Precarious Lives and Livelihoods

Presentations:

- “Vulnerability of Internally Displaced Persons Outside Camps to Climate Change Induced Farmers-Herdsman Conflicts in Rural Communities of Nigeria,” by Ignatius A. Madu, Department of Geography, University of Nigeria Nsukka.
- “Some Effects of Climate and Environmental Change on Migration in Northeast Africa,” by Pamela DeLargy, Professor of Practice, Department of Politics and Global Studies, and Senior Sustainability Scholar, Global Institute of Sustainability, Arizona State University.

THURSDAY 4/22 EARTH DAY

(9-10:30AM) JOURNEYS: EXCHANGING STORIES

Learn from our keynote speakers to embark on their careers as environmental justice and climate change champions. Join us to learn more about their stories and share yours in this informal conversation. Hear African Goddess Stories by Dr. Giavanni Washington (UCLA World Arts, Cultures and Dance).

Happy Earth Day!

FRIDAY 4/23

(9-10AM) KEYNOTE 4 and Q&A:

“Emerging Economic Opportunities for a Green Africa,” with His Excellency Ambassador **Sidique Abou-Bakarr Wai** (Sierra Leone) **Ambassador to the United States.** Moderated by William Saturno, Tufts University.

(10:15-11:45AM) PANEL 5: Business, Politics and Culture—The Climate Action Ecosystem

Presentations:

- “Current Impacts and Future Risk Perceptions of Climate Change in the Red Sea Region,” Alden Young, Assistant Professor, Department of African American Studies, UCLA.
- “The Next Global Crisis: Africa’s Renewable Energy Financing Gap,” by Michael Olabisi, Assistant Professor, Department of Community Sustainability, Michigan State University.
- “The Cultural Politics of Emergency in ‘Climate Emergency,’” by Vinay Lal, Professor, Department of History, UCLA.

(11:45AM-12:15PM) CLOSING REMARKS AND THE PATH FORWARD

PANELISTS

YOUTH LEADERSHIP: UCLA STUDENT PRESENTATIONS (1)

Mon. 4/19, 10:15am-11:45am



RONALD THOMPSON

4th year Environmental Science major, President of the Congo Basin Institute Club (Institute of Environment and Sustainability)

Ronald (Ronnie) Thompson III is a senior at UCLA with an Environmental Science Major and Conservation Biology Minor. After graduation, he will pursue studies involving bee and other pollinator community/behavior.

He loves being outside, spending time with friends and making people laugh. Any day he is able to make someone laugh is a good day.

YOUTH LEADERSHIP: UCLA STUDENT PRESENTATIONS (1)

Mon. 4/19, 10:15am-11:45am



KIAN NIKZAD

3rd year Computer Science major

Kian is a student at University of California, Los Angeles (UCLA). He has spent his undergraduate career searching for and amplifying UCLA-based sustainability projects through the student organization Bruin Home Solutions. He has worked with interdisciplinary teams to drive

improvements to UCLA's food production system, water usage, and bee diversity.

YOUTH LEADERSHIP: UCLA STUDENT PRESENTATIONS (1)

Mon. 4/19, 10:15am-11:45am



IKUKO (COCO) NAKANO

2nd year Civil Engineering major, Bruin Home Solutions Leadership in Energy and Environmental Design (LEED) Lab (Henry Samueli School of Engineering)

Ikuko is an undergraduate student leading a variety of sustainability initiatives aiming to reimagine the status quo. A member of two years, she is now the incoming Project Manager for Plastic2Food, a team aiming to develop a system that composts hard-to-recycle plastic waste through natural processes to safely support the growth of fresh and healthy food. She is also currently teaching a free class at UCLA to make LEED education and certifications financially accessible to students. Finally, she is leading a team aiming to rethink and circularize waste and energy management on campus via renewable natural gas.

YOUTH LEADERSHIP: UCLA STUDENT PRESENTATIONS (1)

Mon. 4/19, 10:15am-11:45am



ZOE REINECKE

4th year International Development Studies major, Director of Project Incubator, Global

Development Lab (International Institute)

Zoe is a fourth-year student studying International Development and Education. Her interest in international development began in middle school with a fundraising effort to support relief efforts in Haiti after the 2010 earthquake. Global Development Lab has helped equip her to construct and implement development projects and give her confidence to pursue her interest in anti-human trafficking policies, laws, and grassroots work through research in Europe and work with IJM. She leads research through UCLA's African Studies Center and is an intern with Syrian Youth Empowerment and the WORLD Policy Analysis Center.

ENERGY, WATER, CLIMATE- REGENERATIVE INFRASTRUCTURES & INDIGENOUS FRAMEWORKS (2)

Tues. 4/20, 10:15am-12pm



MEKONNEN GEBREMICHAEL

Professor, University of California, Los Angeles

Professor Mekonnen Gebremichael holds a PhD in Civil and Environmental Engineering from the University of Iowa, a Master's in Water Resources from Twente University, and a Bachelor's degree from Haromaya University. He completed post-doctoral training at Duke University and New Mexico Institute of Mining and Technology. Dr. Gebremichael was in the engineering faculty at the University of Connecticut, before joining the University of California, Los Angeles (UCLA). At UCLA, he is a professor of Civil and Environmental Engineering. His research expertise is in international water resource management, satellite remote sensing and advanced statistical tools. His recent awards include the NASA's Group Achievement Award (to Global Precipitation Measurement Post-Launch Team), and the European Geophysical Union Leonard Lectureship.

ENERGY, WATER, CLIMATE- REGENERATIVE INFRASTRUCTURES & INDIGENOUS FRAMEWORKS (2)

Tues. 4/20, 10:15am-12pm



MASON KING

Master's student, University of California, Berkeley

Mason King is a Master's student in Environmental Engineering at the University of California, Berkeley and a Carbon Neutrality Initiative (CNI) Fellow. As a CNI Fellow, advised by Dr. Barbara Haya, he is researching the quality of carbon offsets issued from community borehole maintenance and repair projects registered on voluntary carbon offset markets. Mason received his B.S. in Environmental Chemistry from Union College (17'). After graduation, he spent one year in Tamil Nadu, India, as a fellow to the Environmentalist Foundation of India where he contributed to and learned from grassroots efforts to restore and protect urban waterbodies. Mason is passionate about equitable and sustainable development of water resources and looks forward to sharing insights into the role of carbon offsets in financing clean water projects in Africa.

ENERGY, WATER, CLIMATE- REGENERATIVE INFRASTRUCTURES & INDIGENOUS FRAMEWORKS (2)

Tues. 4/20, 10:15am-12pm



TURNER ADORNETTO

Electrical Engineer

Turner Adornetto is an electrical engineer in the electric power transmission industry. He earned his bachelor's degree in electrical engineering from The Ohio State University in 2019 and has served as an advisor on several engineering projects in both Tanzania and Kenya. He intends to pursue a doctoral degree in the field of science and technology studies.

ENERGY, WATER, CLIMATE- REGENERATIVE INFRASTRUCTURES & INDIGENOUS FRAMEWORKS (2)

Tues. 4/20, 10:15am-12pm



YINGEI (TED) JIANG

University of California, Santa Barbara

Ted Jiang holds two Master's degrees, from the Bren School of Environmental Science and Management (UCSB) and the University of Pennsylvania, during which he gained extensive training in environmental metrics, industrial production, environmental policies and

economy, and climate change adaptation and mitigation. As the data analyst in the Adopt a Cookstove Carbon Offset Project (Rwanda), he works on analyzing the life cycle of different technologies and their corresponding carbon emissions.

ENERGY, WATER, CLIMATE- REGENERATIVE INFRASTRUCTURES & INDIGENOUS FRAMEWORKS (2)

Tues. 4/20, 10:15am-12pm



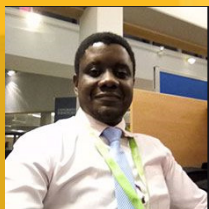
GIZEM IIAYDA DINC

University of California, Santa Barbara

Ilayda Dinc holds a Master's degree from the Bren School of Environmental Science and Management (UCSB) where she specialized in Corporate Environmental Management. She is the Adopt a Cookstove Carbon Offset Project (Rwanda) coordinator, and she has been overseeing the communication between the project team and local program officers. She joined World Dance for Humanity's Rwanda trip in 2019, surveyed locals and distributed the first batch of clean cookstoves.

FOOD, HEALTH, EDUCATION- INTEGRATIVE RESPONSES (3)

Tues. 4/20, 12:15pm-1:30pm



ERIC NGANG

Environment, Social, and Governance Specialist

Eric Ngang is an environment, social and governance specialist with interest in climate governance and indigenous development. He has personally initiated and led impactful projects on these issues. He has consistently generated an important body of knowledge on the role of community local indigenous knowledge and practices (LIKIP) on climate change and natural resource management issues. While his emphasis is on Africa, his interest area covers the world. Eric holds degrees from University of Buea Cameroon, University of South Australia, and is currently a doctoral student at the Birmingham Law School of the University of Birmingham UK. He is an Alumnus of the US Department of State's premier professional exchange program, the International Visitor's Leadership Program (IVLP) and a fellow of the Mandela Institute of Development Studies (MINDS). Eric is a member of many professional associations and is a recipient of several awards, scholarships and fellowships including a National Geographic Society Explorer Grant in 2020 for his research.

FOOD, HEALTH, EDUCATION- INTEGRATIVE RESPONSES (3)

Tues. 4/20, 12:15pm-1:30pm



GBUJIE DANIEL CHIDUBEM

Founder/CEO of Team54Project International

Gbujie Daniel Chidubem is both a medical professional and social innovator who inspires change by creating solutions that infuse creativity and technology. He is the Founder and CEO of Team54Project International, an NGO which raises awareness globally about the impact of climate change and the need to take action. Gbujie has won multiple international awards and published articles, editorials, and made numerous international presentations on the impact of climate change. In 2016, he represented the World Medical Association at the United Nations climate change convention in Marrakesh, Morocco. In 2019, he was invited to the United Nations General Assembly to discuss climate change management through SpaceClime, a space-based App that subsequently won the UN office of outer space affairs award in October 2019. Gbujie also served as a fellow with Cornell University in 2019 where he co-authored a book with leading academic minds in climate science education. He has been identified as one of the emerging and leading young Africans with a critical mind for problem solving by Business Insider.

FOOD, HEALTH, EDUCATION- INTEGRATIVE RESPONSES (3)

Tues. 4/20, 12:15pm-1:30pm



JOYCE MISOI

Founder/CEO of Watu Health Innovation Foundation Africa

Joyce Misoi thrives in the challenges of unique projects and is the Founder/CEO of Watu Health Innovation Foundation Africa. She collaborates with REGENERATE and is Director with the Noble Institution for Environment Peace (NIEP-Toronto). She is also the Director/CEO-Earth Rights Institute-East Africa, and a Global Eco-Village Network Ambassador. She co-hosted and produced an African Radio program in Toronto.

CLIMATE REFUGEES AND PRECARIOUS LIVES AND LIVELIHOODS (4)

Wed. 4/21, 10:15am-11:45am



IGNATIUS A. MADU

Professor, University of Nigeria Nsukka

Ignatius Madu is a Professor of Geography, University of Nigeria Nsukka, and a pioneer Coordinator of programme, Centre for Environmental Management and Control at the Enugu campus of the

University and former Head of Department of Geography and Dean of Faculty of the Social Sciences of the University respectively. He is the founder and Chairman of the Association for Israeli Cultural Studies, an Israeli advocacy NGO based in Nigeria, leader of Population, Environment and Development Research Group and Vice Chairman, Nigerian Environmental Society Enugu State Chapter. He has participated in numerous Federal Ministry of Environment EIA Panel reviews for development projects in Nigeria and has published extensively in both local and international journals. He has also participated in many international and national conferences. His core competences include rural environment, development and sustainability and Climate Change Vulnerability Assessment. He is an alumnus of Galilee International Management Institute, Israel.

CLIMATE REFUGEES AND PRECARIOUS LIVES AND LIVELIHOODS (4)

Wed. 4/21, 10:15am-11:45am



PAMELA DELARGY

Professor and Senior Sustainability Scholar, Arizona State University

Pamela DeLargy is a Senior Sustainability Scholar at the Arizona State University's Global Institute of Sustainability and Professor of Practice in the School of Politics and Global Studies. Professor DeLargy is a public health and population specialist who is rejoining academia after a 20-year career in international development and humanitarian response where she worked in the areas of population and development, environmental change, migration, and women's health.

BUSINESS, POLITICS, AND CULTURE- THE CLIMATE ACTION ECOSYSTEM (5)

Fri. 4/23, 10:15am-11:45am



ALDEN YOUNG

Assistant Professor, University of California, Los Angeles

Alden Young is a political and economic historian of Africa and the Middle East. He is assistant professor of African American Studies and a faculty member in the International Development Studies program at the University of California, Los Angeles. His first book *Transforming Sudan: Decolonization, Economic Development and State Formation* was published by Cambridge University Press in December 2017. Professor Young is particularly interested in the ways in which Africans participated in the creation of the current international order and has research interests on both sides of the Red Sea. He has done extensive fieldwork in Egypt, Sudan, Ethiopia, Jordan and the United Arab Emirates. Along with Nathalie Puetz of NYU Abu Dhabi, Young has been awarded a research grant by the SSRC to work on climate change adaptation among the Red Sea littoral countries.

BUSINESS, POLITICS AND CULTURE- THE CLIMATE ECOSYSTEM (5)

Fri. 4/23, 10:15am-11:45am



MICHAEL OLABISI

Assistant Professor, Department of Community Sustainability, Michigan State University

Michael Olabisi received his PhD from the University of Michigan and has a Master's degree from Cornell University. His work on international trade led to research visits in Singapore and Beijing, with support from the National Science Foundation and the Center for International Business Education and Research (CIBER). He is currently affiliated with Michigan State University's Institute for Public Policy and Social Research (IPPSR). He is appointed jointly in the Department of Community Sustainability and the Department of Agricultural, Food and Resource Economics, with research and teaching responsibilities.

BUSINESS, POLITICS AND CULTURE- THE CLIMATE ACTION ECOSYSTEM (5)

Fri. 4/23, 10:15am-11:45am



VINAY LAL

Professor, University of California, Los Angeles

Vinay Lal is a writer, blogger, cultural critic, public commentator, and Professor of History and Asian American Studies at UCLA. His eighteen authored and edited books include *The Empire of Knowledge: Culture and Plurality in the New Global Economy* (Pluto Press, 2002), *The History of History: Politics and Scholarship in Modern India* (Oxford, 2005), *Political Hinduism: The Religious Imagination in Public Spheres* (Oxford, 2009), the two-volume *Oxford Anthology of the Modern Indian City* (2013), and, most recently, *The Fury of Covid-19: The Politics, Histories, and Unrequited Love of the Coronavirus* (Pan Macmillan, 2020). His intellectual interests include Indian history, global politics, historiography, popular culture, cinema, the histories of nonviolence, and the politics of knowledge systems. His lecture courses, with well over two million views, are available in their entirety at <https://www.youtube.com/user/dillichalo>; he blogs at vinaylal.wordpress.com.

Welcome to the ARCC Networking Gallery on Gatherly!

Organized by Bruin Home Solutions

Thank you for attending the Networking Gallery! The goals of this event are to share new and exciting sustainability initiatives happening both locally and globally, provide a platform to network with sustainability leaders in various forms of organizations, and most importantly, spur collaborations for furthering sustainability in Africa. Peruse the Exhibitor booths and connect!

Here you will find the Event Schedule, Exhibitors Descriptions, and the virtual Floor Plan on Gatherly.

Having issues? Click the ? in the top right corner of your screen.

Floor Plan



Event Schedule

The following is a breakdown of the event in Pacific Daylight Time.

Introductions **12:00 pm - 12:10 pm** Speakers include Ikuko Nakano

Networking time Floor 1 **12:10 - 12:55 pm**

Intermission **12:55 pm - 1:10 pm** Feel free to grab a drink or stretch

Networking time Floor 1 **1:10 pm - 1:55 pm**

Closing **1:55 pm - 2:00 pm**

Thank you all for coming!

For live updates, **click the News** tab in the bottom right of your screen.

Exhibitors Descriptions

Please keep this and use it as a reference throughout the Networking Gallery.

Africa Network for Environment and Economic Justice:

Philanthropication thru Privatization and the Extractive Sector

The project seeks to highlight a wide assortment of privatization-type processes through which government-owned/ controlled assets can be transformed in whole or in part into charitable endowments managed by private foundations. This endowment will provide a sustainable fund to support civil society work towards active climate action in the country.

Bruin Home Solutions: Plastic2Food

Plastic2Food: We are working with mealworms and their ability to eat styrofoam to try to rid UCLA of all the excess styrofoam they use.

Bruin Home Solutions: The Data Grid

The Data Grid is resource data collection and management software that helps communities measure their natural resource usage. Currently being used at UCLA to benchmark water usage and waste to inform strategies to decrease usage.

Design Create Solar: Solar-Powered Hydroponics Garden

We are developing a solar powered hydroponics garden which will be semi-autonomous and will also produce fresh food for the UCLA community.

Earth Rights Institute: Building Bridges in the Climate Action World

How do we go from here and work globally to address urgent climate change crisis. What ways can we plug in with our African brothers and sisters to do the work?

Ethos Innovation Lab: Fellowship Program -- Hiring!

A freelance platform that elevate underutilized talent and accelerates underrepresented founders. We are hiring for our Fellowship Program in the following areas: Marketing, PR, Graphic Design, Videography, Finance, and Software Engineering.

Network for Ecovillage Emergence & Development in the Sahel: Ecovillage Development in West Africa Our Network (REDES) is regenerating socio-economic, cultural and environmental ecosystems for abundance and well-being with and for local communities in the Sahel. This is being achieved through education, cooperation and community-led initiatives. International service learning programs play a crucial role in the transition of traditional villages into thriving ecovillages.

GREEN PAGE INTERNATIONAL: Being Healthy and Organic Project & Empowering Rural Women Initiative Green Page International helps train children to cultivate vegetable gardens in their schools which will be used for their food in their canteen. The Healthy and Organic project is a three-part program to train on the cultivation of the gardens, the production of the food into the canteen, and focus on composting techniques. The rural woman initiative is on building the possibility of them being able to grow food for marketing and help them to learn how to sell in the city. 10 dollars for each woman will feed the entire family.

Regenerate, LLC: Virtual Gaia Framework

A visual knowledge platform that allows actionable intelligence by harmonizing siloed information. The systematic design of the VirtualGaia™ platform allows for the visualization of relationships. The toolset is integrated to create custom and integrative user-based experiences.

Regenerate, LLC: Virtual Gaia Framework (continued)

VirtualGaia™ allows rapid communication and comprehension of multiple data inputs for a territory including climate, weather, navigation, and environment support decision making and planning. These tools allow for stewardship of bio-economic regions, including local, regional, national, and international levels. The visualization of connected knowledge allows for broad understanding, engagement, and communication of efforts --including investment, infrastructure, education, and media.

Understanding and communicating information is imperative in the information age. The transition towards a regenerative economy will occur by engaging people in their local communities and securing capital for economic advantage.

Renewable Energy Association: Biodiesel

Our project focuses on converting waste oil from UCLA dining halls into industry grade biodiesel using environmentally friendly catalysts. We are collaborating with research labs on campus as well as designing our own reactor unit to fully develop this project.

Team54Project: SpaceClime App

SpaceClime, is designed to be an App that helps Africa address a global climate crisis from the disaster risk approach using the knowledge of advanced Technology. With the disruption of socio-economic indices lives are being affected on a daily basis in vulnerable communities when weather patterns are extreme, sea levels rising uncontrollably, temperature rising, and extreme weather phenomena like hurricane, typhoon, and cyclone, occurring in severity all are disruptive. This innovative concept identifies the need to strengthen early warning and projection system on land and interpret in real time the likely scenarios that environmental devastation can cause and help better disaster preparedness while assisting to preserve shared planetary resources to sustain human existence.

Team54Project: SpaceClime App (continued)

The data collected through space-based technology can be used not just as an early warning system but to also understand the unusual weather and climate patterns and to identify critical sectors on land at risk from severe temperature increase, flooding, drought, rising sea levels and help locate people needing urgent humanitarian aid and help understand the extent of socioeconomic disruption with a view to rebuild.

Storytelling with the Panelists

Roles and People

Role	Person
Panelist Attendance	Ousmane Pame, Elizabeth Wathuti, Nnimmo Bassey, Ambassador Sidique Abou-Bakarr Wai
Moderator	Ikuko Nakano
Question Fielder	Kian Nikzad
Performer	Giavanni Washington, Dr. UCLA Department of World Arts and Cultures/Dance Alum

Event Purpose

- Understand the panelists' journey, perspective, and vision through their stories.
- Inspire youth leadership.

External Description

Join us as we explore the life stories that shape the keynote speakers' perspectives and guide their work. Learn about their youth, moments of adversity, vision for the future, and more! This is an interactive event — you will have an opportunity to ask questions.

Special Piece

Stories of the Black Goddesses by Giavanni Washington, UCLA Department of World Arts and Cultures/Dance Alumni. Examine how the African cultural stories of Black Goddesses help us rethink sustainability in the wake of slavery and colonialism.

Dr. Giavanni Washington comes from a long line of educators, moonshine makers, and medicine women who took away pain even when the rupture left them with only whatever was in the pantry. The Creator of the Black Goddess Oracle Deck, the ONLY Oracle deck that features photos of Black women embodying the Goddesses from Africa, Dr G is an intuitive healer with a special knack for recognizing the best version of you. She fervently believes you can reach the next level AND stands at the threshold gently supporting your migration from one plane to the next. Giavanni Washington, MPH, Ph.D. received her doctorate in Culture and Performance from UCLA. She has studied healing traditions throughout the world, including Brazil, Burkina Faso, Cuba, Ethiopia, Guinea, Jamaica, Japan, Kenya, Senegal, Trinidad, Uganda, and the United States. When she's not sharing the wisdom of the Black Goddesses she is out hiking with her husband, son, and pup Pumpkin.



SPECIAL THANKS TO

UCLA ARCC Team

Erica Anjum - Deputy Director UCLA African Studies Center

Sheila Breeding - Center Administrator UCLA African Studies Center

UCLA Students Team

Kian Nikzad - UCLA LEED Training Co-Lead Bruin Home Solutions (BHS) and studying engineer in sustainability

Ikuko Nakano - UCLA Civil Engineering & Food Studies undergraduate student, Bruin Home Solutions Project Manager

Alexandria Miramontes - UCLA Senior Majoring in geography and Minor in history

Madeline Wolfson - UCLA Global Studies student at International Institute and Summer 2021 Intern

Alia Elyas - UCLA Senior in Political Science

Phoebe Chiu - UCLA student and member of BHS

Christina Williams - Designer

Alex Zhu - IT

Other Students

William Saturno - postgraduate student Fletcher School at Tufts University Master's degree in Law and Diplomacy

Boyce Buchanan - Undergraduate at UC Berkeley studying Global Studies/English

Earth Rights Institute ARCC Team

Dawn Omura - ERI Living Lab Program Director

Donna Ayers - ERI Communications Director

Tania Saldivar - ERI Graphic Designer

Ana Giombolini - ERI Outreach Program Coordinator



RECORDINGS OF ARCC 2021 AVAILABLE AT

ERI YOUTUBE CHANNEL / PLAYLIST ARCC 2021 RECORDINGS

https://www.youtube.com/playlist?list=PL_gHwe95-X184rQAurBR4koBVwtvEtUzB

