

| Name | Description | Start Time | End Time | Location Name |
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| Sustainable Futures in Central Florida - opportunities and challenges | The theme is "Sustainable Futures in Central Florida"-- opportunities and challenges. Panelists: Orange County Commissioner, Emily Bonilla UCF Office of Sustainability Initiatives staff. Yara Watson-Colon and Dave Norvell | 2019-06-27 08:30 | 2019-06-27 10:00 | BA1 Rm 119 |
| Water Resources | | 2019-06-27 10:30 | 2019-06-27 12:00 | BA2 Rm 208 |
| Navigating your interdisciplinary academic career | Navigating an academic career is difficult in any field, but interdisciplinary environmental scholars encounter additional challenges. In this session, senior faculty and administrators drawn from the AESS community will provide insights that they have gained through their own academic voyages and by mentoring, hiring, and supporting others. This is followed by open ended conversations driven by | 2019-06-27 10:30 | 2019-06-27 12:00 | TCH 108 |
| AESS Branded Book Series Discussion | Authors of books in the AESS Branded Book Series will highlight the work presented in their volumes. Consider attending to learn about both the existing books in the Series and opportunities for you to publish in the Series. | 2019-06-27 10:30 | 2019-06-27 12:00 | CB 1 Rm 109 |
| Differing Responses and Perspectives to Environmental Justice: Lessons | Since Rachel Carson's warning about environmental contamination in Silent Spring in 1962, researchers have been analyzing the impacts of contaminants on both the environment and human health. We know that the negative externalities stemming from environmental contaminants are not distributed equally in society. Current research has documented innumerable cases of contamination in low-income, minority and | 2019-06-27 10:30 | 2019-06-27 12:00 | ENG I 427 |
| The Future Health of Graduate Education in Energy | The Kleinman Center For Energy Policy proposes a discussion symposia at the 11th annual Association for Environmental Studies and Sciences Conference. This symposia would focus on the current and future health of graduate programs in energy systems, with the goal of better understanding how graduate education must evolve to meet changing demands inside and outside of an individual university context. | 2019-06-27 10:30 | 2019-06-27 12:00 | NSC Rm 112 |
| The Paradoxes of Policies, Plans, and Practices: Case Studies in the Global | The Paradoxes of Policies, Plans, and Practices: Case Studies in the Global [Im]-Possibilities for Just Sustainabilities Phoebe Godfrey | 2019-06-27 10:30 | 2019-06-27 12:00 | NSC Rm 115 |
| Agriculture and food systems transformation | Agriculture and food systems transformation: Exploring paths forward through advocacy, social justice, collaboration, and scientific debate | 2019-06-27 10:30 | 2019-06-27 12:00 | BA I Rm 126 |
| Collaborating on campus-community climate resilience | Institutions and communities are increasingly incorporating resilience assessment and capacity building as an essential element of climate action planning. Colleges and universities who are signatories to the Resilience Commitment must collaborate with their communities in an inclusive manner to align goals of their own resilience plans with those of their greater community. Developing strategies for effective | 2019-06-27 12:15 | 2019-06-27 13:45 | HEC Rm111 |
| Protecting Academic Voice, Intellectual Freedom, and Diversity in an Era of Resilience and environmental education in Colombia: The key to | This symposium concerns the growing media attacks, carefully planned and coordinated, upon academic faculty—particularly Black, Indigenous, and people of color—publishing or speaking publicly on a variety of socio-environmental issues objectionable among some political conservatives (e.g., Ferber, 2017; Grollman, 2015; Lloro-Bidart, 2018; Orr, 2019; Zahara, 2019). We aim to create an open and safe space We normally think on how to deal with environmental issues such as climate change or global warming, or on natural events such as hurricanes or earthquakes, and we normally research and generalize on the idea of reducing CO2 emissions, for example, as a preventive measure to fight climate change. But is this true in all the countries? Should all the countries take the same measures? Should environmental | 2019-06-27 12:15 | 2019-06-27 13:45 | HEC Rm 110 |
| | | 2019-06-27 12:15 | 2019-06-27 13:45 | CB 1 Rm 103 |

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| Possibilities and Challenges of Creating an Interdisciplinary Indigenous peoples and environmental issues | This roundtable invites faculty and administrators to share best practices and challenges associated with developing, implementing, and sustaining interdisciplinary undergraduate environmental studies programs. We seek to engage participants with varying levels of experience and expertise, including those who are just embarking on creating programs and those who have experience with long-term well established | 2019-06-27 12:15 | 2019-06-27 13:45 | CB 1 Rm 319 |
| | | 2019-06-27 14:00 | 2019-06-27 15:30 | BA1 Rm 122 |
| Exploring "Six Questions for Food Justice" | Grassroots, collective, and cooperative food justice initiatives taking place in diverse locations such as community gardens, urban farms, and farmers markets have proliferated in number across the U.S. in last decade. Those explicitly developed with critical frameworks in mind aim to effectuate positive change across multiple scales, not only by giving underserved communities greater access to the means of food | 2019-06-27 14:00 | 2019-06-27 15:30 | BA1 Rm 121 |
| Adaptation and Sustainable Design | | 2019-06-27 14:00 | 2019-06-27 15:30 | BA1 Rm 146 |
| Green Business, NGOs and Environmental Economics | | 2019-06-27 14:00 | 2019-06-27 15:30 | BA I Rm O116 |
| Diversity and Equity in Higher Education Advancement | While institutions of higher education work to increase diversity and support inclusive environments among student populations, it is also necessary to address issues of diversity and equity within the evaluation and promotion processes within colleges and universities. Bias and discrimination can occur at multiple levels and within various areas of these processes, and this can vary depending on whether an institution is | 2019-06-27 14:00 | 2019-06-27 15:30 | BA I Rm 205 |
| Poster Session | | 2019-06-27 15:00 | 2019-06-27 16:30 | Posters |
| Energy, Earth and Env Education—reflections on the workshop with NAGT | This discussion symposium will reflect on the Energy and Environmental Education Workshop held in collaboration with the North American Geoscience Teachers on Wednesday at AESS. | 2019-06-27 16:00 | 2019-06-27 17:30 | BA1 Rm 122 |
| Sustaining coastal systems: challenges and (opportunities) | 10% of earth's population lives in coastal zones that are 10 meters or less above sea level. About 40% of earth's population lives within 100 km from the coastline and 40% of the U.S. population resides in coastal counties. In other words, sustaining coastal systems is key for over 3 billion people around the world and for more than 40% of the U.S. population; about 66% of megacities find themselves in coastal areas. | 2019-06-27 16:00 | 2019-06-27 17:30 | BA1 Rm 121 |
| Feminist Teaching and Scholarship in Environmental Studies | All gender identities are welcome to this conversation inspired by the Athena Learning Collective "Femifesto"(2018), which calls for a politics of knowledge production that generates collective solidarity, engages in co-learning praxis, and enacts ideas through real world politics. Environmental work has a rich history that includes both liberatory practice (environmental justice, ecofeminism), and oppressive | 2019-06-27 16:00 | 2019-06-27 17:30 | BA I Rm 146 |
| Community Organizing and Sustainability | | 2019-06-27 16:00 | 2019-06-27 17:30 | BA I Rm 126 |
| Higher Ed Curricula for ENV Studies, STEM, & Inclusiveness | | 2019-06-27 16:00 | 2019-06-27 17:30 | BA I Rm O116 |

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| Forest and park conservation and management | | 2019-06-27 16:00 | 2019-06-27 17:30 | BA I Rm 147 |
| Diversity Discussion | <p>AESS Diversity Discussion </p><p>WHERE: UCF Student Union Building, First Floor </p><p>WHEN: Thursday, June 27 from 5:45-7pm </p><p>Please join AESS's Diversity Committee and fellow AESS members to discuss a variety of diversity concerns and issues within the field of environmental studies and sciences and our organization. </p><p>You may anonymously submit </p><p>All are encouraged to attend the annual AESS Business Meeting. Grab some breakfast and come over to learn about the state of the organization, meet committee chairs, and share ideas. This meeting is open to AESS members and non-members alike. </p><p>LOCATION: BA 1 Rm 116</p> | 2019-06-27 17:45 | 2019-06-27 19:00 | Student Union |
| AESS Business Meeting | <p>All are encouraged to attend the annual AESS Business Meeting. Grab some breakfast and come over to learn about the state of the organization, meet committee chairs, and share ideas. This meeting is open to AESS members and non-members alike. </p><p>LOCATION: BA 1 Rm 116</p> | 2019-06-28 08:30 | 2019-06-28 09:30 | BA1 Rm 116 |
| Assessing Interdisciplinary Learning | Though interdisciplinary learning has been a priority for environmental studies and sciences (ESS), assessment challenges remain high. ESS programs often promote interdisciplinary learning not only in the traditional classroom but in place-based and project-based courses, where learning is often tied to real-world and ill-structured problems. Assessing interdisciplinary learning in these courses may require drawing | 2019-06-28 10:00 | 2019-06-28 11:30 | BA1 Rm 212 |
| Coastal and Marine Issues | | 2019-06-28 10:00 | 2019-06-28 11:30 | BA I Rm 209 |
| "It's really white in here": Fostering diversity and inclusion in the Environmental Justice, Gender and Climate Change | People of color comprise 40 percent of the United States population and are projected to become a majority by 2042, however, they are grossly underrepresented in environmental organizations. A 2018 study showed that only 15 percent of the staff and 17 percent of the board Three of the top five global risks to social stability relate to climate change's direct dangers and our failure to mitigate and adapt (World Economic Forum 2018). Climate change affects people around the world, but not equally. Climate change risks are not simple natural facts - they intersect with, challenge and reinforce social differences and inequalities. Yet many of the proposed solutions perpetuate such disparities at | 2019-06-28 10:00 | 2019-06-28 11:30 | BA 2 Rm 207 |
| Developing Effective and Sustaining Partnerships for Community-Based Environmental Citizenship and Education | Doing fair, equitable, and relevant community-based research with students provides several layers of challenges. Students must not only be trained with a specific skill set, but they must also develop particular dispositions to effectively engage in real-world settings where social, environmental, and ecological injustices are laid bare. Further, community partnerships have to be cultivated and sustained, which | 2019-06-28 10:00 | 2019-06-28 11:30 | BA I Rm 205 |
| AESS Goes to the Movies | <p>On Friday afternoon (June 28), from 12:00 - 3:45 p.m., in BA1 Room 212, AESS will present a series of short and feature films designed to showcase diverse themes and approaches used in environmental teaching and research. In most cases, the filmmakers will introduce their films and participate in a short roundtable discussion with members of the audience, following the final screening. | 2019-06-28 12:00 | 2019-06-28 15:45 | BA1 Rm 212 |
| Community/State Colleges as Living Laboratories for Sustainability and Place-based teaching, analysis, and indigenous rights | Community and state colleges occupy a unique space in the higher education landscape, offering a mix of targeted baccalaureate degrees, baccalaureate transfer courses, and workforce pathways of study. The diverse combination of degree programs, along with a non-traditional student body, allow these colleges to provide a variety of opportunities to students that wouldn't otherwise be available to them. In addition to | 2019-06-28 12:30 | 2019-06-28 14:00 | BA2 Rm 207 |
| | | 2019-06-28 12:30 | 2019-06-28 14:00 | BA I Rm 214 |

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| Sustainable Futures for Marine Coastlines? | This panel will consider the ways in which society interacts with, and often degrades, coastal ecosystems. The panel will have 3 people from the Center for Integrated Coastal Research at the University of Central Florida who draw on various ways to think about coastal change from different disciplines. | 2019-06-28 12:30 | 2019-06-28 14:00 | BA I Rm 205 |
| Integrating community-based student research into ESS curriculum Pipeline | Discussants: 1. Chelsie Romulo, University of Northern Colorado, chelsie.romulo@unco.edu. 2. Seaton Tarrant, The Oregon Extension, seatonius@oregonextension.org. 3. Amy Telligman, Wofford College, telligmanal@wofford.edu. 4. Karin Warren, Randolph College, kwarren@randolphcollege.edu. | 2019-06-28 12:30 | 2019-06-28 14:00 | BA I Rm 207 |
| Pedagogy—Part II: Updates and New Cases | Future sustainability goals increasingly involve campus-community collaboration for addressing shared In line with the 2019 AESS Conference theme, the proposed panel positions the classroom and campus as sites for deliberating energy projects and for imagining “Sustainable Futures.” Battles over pipeline development often involve matters of environmental justice, with pipeline routes heavily impacting communities of lower economic development or indigenous peoples; the pipelines also pose potential | 2019-06-28 14:15 | 2019-06-28 15:45 | BA2 Rm 207 |
| Policy, governance and leadership | | 2019-06-28 14:15 | 2019-06-28 15:45 | BA I Rm 214 |
| A Multidisciplinary Perspective on Hurricanes: Impacts, Integration of Environmental Studies and Sciences at Minority-Serving Institutions | An increase in the frequency and severity of tropical cyclones is one of the major predictions of climate change models. The theoretical link is simple. As the planet warms due to the greenhouse effect, most of the extra heat is absorbed by the world’s oceans. In turn, warm oceans provide the fuel for cyclones that are more frequent, larger, and more powerful. Environmental Studies and Sciences programs have become a staple of academic institutions over the past five decades. That same time period has seen an increase in the percentage of Americans who participate in higher education, and in many places shifting demographics. In this session, we will explore strategies to ensure that environmental studies and sciences are relevant to the range of students in our | 2019-06-28 14:15 | 2019-06-28 15:45 | BA I Rm 209 |
| Community Based Student Research in the ESS Senior Capstone | Student-community collaborative research is valuable for furthering community sustainability goals and for meeting the learning objectives of ESS programs. Such projects can provide important problem-based learning opportunities for students as well as provide communities with research support for their sustainability efforts. Though community based research can be beneficial throughout an undergraduate | 2019-06-28 14:15 | 2019-06-28 15:45 | BA I Rm 205 |
| Philosophy, identity and cultural narratives | | 2019-06-28 16:00 | 2019-06-28 17:30 | BA2 Rm 207 |
| Sustainability Education | | 2019-06-28 16:00 | 2019-06-28 17:30 | BA I Rm 209 |
| Intersectional Ecowomanism. Ecofeminism and Sustainable Futures | This panel takes up intersectional womanist-feminist ecological analysis. One paper puts into dialogue two perspectives often considered only separately – Indigenous environmental feminism and ecowomanism. The other papers speak specifically to the Anthropocene, arguing for the essential contributions of intersectional ecofeminist-ecowomanist perspectives in getting to the root of environmental violences. | 2019-06-28 16:00 | 2019-06-28 17:30 | BA I Rm 207 |
| Ensuring a Sustainable Future by Protecting Water Resources: Case Fossil Fuel Industry | This hybrid full – discussion panel is a collection of case studies from three (3) different projects all focusing on water resources. The three case studies illustrate the problem of mismanagement and its consequences. Furthermore, the three case studies will serve as take-off points for a discussion on what Information. Education and Communications (IEC) campaigns can be undertaken to ensure future | 2019-06-28 16:00 | 2019-06-28 17:30 | BA I Rm 212 |
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Valuing Nature

2019-06-28 16:00 2019-06-28 17:30 BA I Rm 205

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| Awards Reception & Closing Keynote | <p>AESS 2019 officially wraps-up with our annual Awards Reception and Closing Remarks. The closing speech will be given by invited guest Leonel Perez of the Coalition of Immokalee Workers (CIW).</p> <p>Cocktails begin at 5:30 with cash bar and hors d'oeuvres and then buffet dinner at 6pm. Speeches and awards presentations begin by</p> | 2019-06-28 17:30 | 2019-06-28 20:00 | Fairwinds Alumni Center |
| Tour of Orlando sustainability programs (With Guest) | <p>Orlando recently won a large award from Michael Bloomberg to fight climate change, and the city has developed several programs to make Orlando a livable, "smart" city. We will also tour a neighborhood working on Fleet Farming. Fleet Farming is a non-profit urban agriculture program whose mission is to empower all generations to grow food to increase local food accessibility. Their vision is to create localized</p> | 2019-06-29 08:00 | 2019-06-29 13:00 | |
| Sustainability Initiatives and the UCF Natural (With Guest) | <p>This tour includes a hike in the morning and a tour of the natural lands of UCF, the Arboretum. The Arboretum is more than a 1000 acres and is mostly managed for conservation. There is an apiary, and the Arboretum is host to endangered species like the gopher tortoise. We will then tour efforts under the UCF Office Sustainability Initiatives that include energy programs that work toward the goal of making UCF</p> | 2019-06-29 08:00 | 2019-06-29 13:00 | |
| Orlando Wetlands (With Guest) | <p>The Orlando Wetlands Park is a man-made wetland designed to provide advanced treatment for reclaimed water from the City of Orlando and other local cities. The Park is 1650 acres in size and located in Christmas, Florida. There is a lot of wildlife there, and a very high chance of seeing alligators. Transportation to/from the University is included.</p> | 2019-06-29 08:00 | 2019-06-29 13:00 | |
| Kayaking on the Coast (With Guest) | <p>We will kayak through Haulover Canal in the Merritt Island National Wildlife Refuge, rich with birds and wildlife such as manatees. Merritt Island National Wildlife Refuge is a 140,000 acres on the Atlantic coast of Florida's largest barrier island. This tour has a 100% chance of manatee sighting and a 50% chance of dolphin sighting.</p> | 2019-06-29 08:00 | 2019-06-29 13:00 | |