

**KEEC Council Meeting  
Agenda Item F-1  
November 1, 2017**

**KUPEE CENTERS REPORT**

<b>Center</b>	<b>Activities</b>	<b>Support Needed</b>
<b>EKU</b>	<p>EKU's Division of Natural Areas offers and/or facilitate a variety of environmental education opportunities to P-16 students as well as the general public in its 3 different Natural Areas and in area schools. This past year we hosted 18 university groups from both ECU and other universities across the region. One was a field based course taught by ECU. We provided programming for 25 P-12 school groups which reached 1424 students. Our personnel help provide 5 professional development experiences for in-service teachers and non-formal educators reaching 225 professionals. We hosted 5 community outreach events including 2 Family Nature Days at Maywoods and 3 interpretive hikes at Taylor Fork. This summer the Division of Natural Areas also hosted a NSF funded Research Experience for Undergraduate titled Disturbance Ecology in Central Appalachia. We had 10 undergraduates throughout the region working on various ecological research projects. In addition, we hosted a Research Experience for Teachers in which 2 teachers also participated in a research experience that could translate into their classroom.</p>	<p>1. Personnel whether that be student employment or a part time subcontract employee. I'm not sure how long or how much funding we will continue to get there.</p> <p>2. Funding for teacher professional development including substitute money and supplies like books.</p> <p>3. Partial tuition reimbursements for teachers to take our EE courses. But you could have guessed all those anyway!</p> <p>As far as non-monetary support, some ideas might be</p> <p>1. Help developing a volunteer network in our region to help with school programming and public outreach.</p> <p>2. Connections to foundations, grants, etc. that we can write.</p> <p>Those are my ideas for now!</p>
<b>NKU</b>	<p>NKU's CEE has offered the following experiences in environmental education from September 2016 through August 2017: The Center for Environmental Education, housed in the Department of Teacher Education, provides an Endorsement in Environmental Education. This endorsement program requires the completion of four courses, 12 credits. All four courses were offered during the 2016/17 academic year. In addition to the endorsement program the CEE works with preservice teachers, collaborates with organizations both on and off campus, and provides professional development for in-service teachers. In the fall of 2016 preservice teachers became certified educators in the Project Learning Tree Southeastern Forest and Climate Change curriculum. This training was embedded in the science</p>	<p>Funding, particularly to support university outreach</p>

	<p>methods course offered by the Department of Teacher Education. Participants completed four activities from the PLT curriculum guide, all focused on climate change. In addition to completing the activities, participants discussed best practices in teaching about climate change and appropriate pedagogical skills. During the spring semester of 2017 the CEE and two preservice science teachers participated in the Sustainability Celebration, a campus wide event. During this event the CEE hosted a table and provided participants with information on alternative gardening. The middle grades science preservice teachers used an aeroponic growing system to grow vegetables in the classroom during the spring semester. The grow tower was moved out to the courtyard for display during the event. Preservice teachers were able to share their experience and knowledge in the area of sustainability and alternative agriculture. A summer workshop for in-service teachers was offered in June 2017. The workshop objective was to provide teachers with the tools and knowledge needed to teach about climate change. Teachers became certified in the Project Learning Tree Southeastern Forest and Climate Change curriculum as participants of this professional development.</p>	
<b>KSU</b>	<p>Kentucky State University provides multiple types of environmental education, including: Conservation and Outdoor education at our 307-acre Environmental Education and Research Center located in Henry County, KY. At the Center, KSU worked with educators, school groups, and summer programs to introduce students to outdoor experiences, watershed and forest education. KSU also partnered with Franklin County Solid Waste to offer the first ever Master Recycler Program, offering solid waste education in a 6-part series. Through trainings in national curricula like Project Learning Tree, Project WET, and the Leopold Education Project, KSU was able to provide interdisciplinary education to diverse educator audiences. The KSU KY River Thorobred taught visitors about watersheds and water quality on cruises down the KY River.</p>	<p>Funding for teacher PD and student field trips for EE purposes. That would include: sub reimbursements, mileage, and driver time.</p>
<b>Morehead State</b>	<p>The Center for Environmental Education at Morehead State University's mission is increase the environmental literacy of MSU students as well as the citizens of the MSU service region through education, community service, and research that encourages protection and sustainable development of Kentucky's natural and cultural resources. The mission was supported September 2016 through August 2017 by offering preservice and inservice professional development, assisting teachers with field trip experiences, implementing the Triplett Creek watershed plan, updating the Environmental Education Endorsement, and developing the new outdoor</p>	<p>I agree with ECU, but these decision are made at the college level. The only way to ensure some funding for EE is to have environmental education incorporated into the preparation requirements.</p>

	classroom. These actions have directly impacted over 1,000 4th through 12th grade students, 100's of preservice teachers, and many community partners and members.	
<b>WKU</b>	Currently Teaching the Endorsement courses only.	
<b>Murray State</b>	Currently Teaching the Endorsement courses only.	