**Educators Workshop**

**November 1, 2022**

**Shawnee State Park Lodge**

**4404 OH-125**

**West Portsmouth, OH 45663**

**7:00 – 8:00: Breakfast**

**8:00 – 8:30: Educators ice breaking session -** **Networking opportunity (Would you rather?) and introductions -** *Dennis Clement (OEPA) & Amanda Podach (Fulton SWCD)*

**8:30 - 10:30: Model Demonstrations led by educators**

*Have you ever wondered what the brown fabric/big green case in your education closet is and what it does? Those brown fabric/big green cases contain the Enviroscape Model(s)! This session will provide in-depth description of each model and how to use them in your education programs. Each model is unique and covers various topics like non-point and point pollution, drinking/wastewater, wetlands and much more. Also, some of you may have the Ground Water Flow Model. This model is specifically used to educate the public on groundwater pollution and how water moves underground. This session will be interactive with all participants participating using the models.*

**10:30 - 10:45: Break**

**10:45 – 12:00: Curriculum/Academic Standards – Science & Social Study Standards –**

*Lydia Hunter & Justin Leach (Ohio Department of Education)*

*Ever wonder how your programs are correlated to the Ohio Department of Education (ODE) science standards? How about social studies standards? This session will involve two curriculum representatives (Lydia Hunter and Jim Leach) from ODE who are the experts on these standards and how your SWCD programs you take into schools are correlated to these standards and potentially as model curriculum.*

**12:00 – 1:00: Lunch** *Keynote speaker: Jenny Richards, Shawnee State Park Naturalist*

**1:00 – 1:30: Back to rooms to get ready for the tour**

**1:30 – 5:45: Tour**

**Kinkaid Fish Hatchery:** *Hatchery Manager, Dusty Thompson will give us a guided tour of the facility. Kincaid State Fish Hatchery is located on more than 200 acres in western Pike County. In 1935, this facility became operational under the direction of the Division of Conservation, a predecessor to the Division of Wildlife. It was upgraded in 2011. The hatchery has 15 ponds containing a total of 24 water acres. It is likely that rainbow trout will be in residence at the hatchery while we are there.*

**Riverfront Park:** *Richard Harrison, Executive Director of the Ohio River Sanitary Commission (ORSANCO) will meet with us to explain the workings of ORSANCO and the general wellbeing of the confluence of the Scioto and Ohio Rivers. (Please note that this program may be moved to the Portsmouth Brewery, after the murals tour, if the weather is inclement.)*

**Floodwall Murals:** *Kim Bauer, Director of the Visitors Bureau, will give us a guided tour of the spectacular Floodwall Murals. Portsmouth, Ohio has always been a principal river community, whose economy and sense of place was tied so intricately to the mighty Ohio River. Several disastrous floods made the construction of a floodwall necessary. In 1943 a flood wall was constructed. Approximately 20 feet high by 2,000 feet long it covers the main portion of the area’s riverfront and Front Street in downtown Portsmouth. In 1993 muralist Robert Dafford started the first mural on the floodwall. Now there are over 55 murals depicting the 2,000-year history of the Ohio River Valley.*

**\*Dinner on your own\***

**Educators Workshop**

**November 2, 2022**

**Shawnee State Park Lodge**

**4404 OH-125**

**West Portsmouth, OH 45663**

**7:00 – 8:30: Breakfast**

**8:00 – 8:45: Climate Water Resilience Curriculum / Project WET -** Dennis Clement (Ohio EPA)

*Climate, Water and Resilience is Project WET’s newest curriculum on climate change. The curriculum contains 9 different climate change activities that help participants better understand everything from global warmer to water born disease caused by climate change. Each participant will receive instruction on the activities along with a copy of the new guide to use in their education programs.*

**8:45 – 9:30: Project Wild Climate Curriculum -** Jen Dennison (Division of Wildlife)

*Climate and Wildlife is the newest offering from Project WILD.  It’s a module made up of a collection of existing WILD activities from the Terrestrial, Aquatic, and Flying WILD guides to help high school teachers and their students learn more about the impacts of climate change on wildlife and their habitats.  You’ll receive a copy of this module along with additional resources that can be used along with the activities.  Learn more at projectwild.org.*

**9:30 – 9:45: Break**

**9:45 – 10:45: Project Learning Tree**

Kathy Smith (The Ohio State University-Steering Committee Member for PLT)

*Carbon and Climate is one of the new Project Learning Tree e-units designed for grades 6-8.  This is a fully contained unit available online for anyone to use.  The secondary module – Southeastern Forests and Climate Change is available via pdf and links to this material will be provided.*

**10:45 – 11:45: Adult Education Roundtable -** Dennis Clement (facilitator)

*Hear from a panel of SWCD educators who have long running adult education programs.*

**11:45 – 12:45: Lunch**

**1:00 – 4:00: Tour (Shawnee State Forest & Raven Rock)**

*“Attendees will view a recent timber sale at the Shawnee State Forest, during the visit State Forester, David Parrott, will talk us through the forest timber sale and discuss forest management, different harvest types, BMP’s, as well as learn how to measure and identify trees using the Biltmore Stick that so many SWCD educators have in their office that might or might not know how to use them properly. From there we will travel to Raven Rock State Nature Preserve, where Shawnee State Park Naturalist, Jenny Richardson, will take us on a guided hike to discuss the history of the area along with the local flora and fauna.”*

***Note: If you have trouble navigating steep and uneven terrain you may find the Raven Rock part of the tour difficult.***