



14TH SUSQUEHANNA RIVER SYMPOSIUM

OCTOBER 18-19, 2019

HEALTHY RIVERS, HEALTHY COMMUNITIES

CALL FOR ABSTRACTS

The 14th Susquehanna River Symposium will be held on Friday, October 18 and Saturday, October 19, 2019 at the Elaine Langone Center on the campus of Bucknell University in Lewisburg, Pennsylvania. The symposium brings together academics, consultants, state, federal, and regional agencies, conservation groups, and the public to discuss ongoing scientific research and innovative projects, to share ideas, and to increase awareness of the connection between river health and the communities within our watersheds. Its presentations and breakout discussions explore various management and sustainability issues facing the mid-Atlantic region today. A major goal of the symposium is to draw together people from all walks of life who share a common interest in rivers, watersheds, communities and the connections therein.

SCHEDULE. The symposium starts at 7 pm on Friday, October 18 in the Forum on the second floor of the Elaine Langone Center, with opening remarks and a keynote address. **The research poster session will be held from 8 to 10 pm in the Terrace Room (room 276).** Posters should be erected between 4:30 and 6 pm; a light meal will be served for presenters between 5 and 6 pm. Poster size can be up to 36" x 60" and hung from clip stands (provided). Lead authors should be present at their posters from 8:00 to 9:30 pm. Posters will remain on display in the Terrace Room throughout Saturday and can be picked up at 4:30 pm. We will not be responsible for storing or otherwise returning posters left behind.

The symposium continues on Saturday, October 19th, with three **plenary talks** held in the Forum from 9:15 to 10:45 am and **breakout discussions** from 11 am to 12:15 pm. **Lunch** will be served from 12:30 to 1:30 pm. **Oral presentations** (15-minute length) will be grouped into three or four concurrent sessions held from 1:45 to 2:30 pm and 3:15 to 4:00 pm. **Exhibits** are in the Center Room from 10:45 to 11:00 am and 2:30 to 3:15 pm. The symposium ends at 4:30 pm on Saturday.

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TOPICS. Abstracts are being sought for oral presentations and posters covering a wide range of projects and research topics. All interested parties, including faculty, students, professionals, and regulators, are invited to present.

Example topics related to "Healthy Rivers, Healthy Communities" include (but are not limited to):

- indigenous wisdom and interconnectedness of communities (human and non-human) in a watershed
- assessing the health of our rivers and bay
- connections between river health and human health and river town health
- revitalizing river towns - the intersection between recreation, economic growth, climate change, and other factors
- agricultural and rural communities and their dependence on healthy streams and water resources
- impact of floods or droughts on communities (both natural and/or human)
- sociologic and ecologic factors to consider in assessing the health of river towns
- economic and water policy factors to help or hinder healthy rivers and healthy communities
- watershed planning and sustainability; community awareness and education
- river towns and communities - historical connections to mid-Atlantic rivers and anthropogenic connections
- ecosystem services and assessing the economic value of aquatic and terrestrial ecosystems

As always, we seek abstracts dealing with broader watershed science and engineering topics, including:

- hydrology, ecology, and natural history of lakes, marshes, and bogs
- hydroclimatology of extreme events; climate change in the mid-Atlantic region
- headwater regions, small stream habitats, tributary-mainstem connections; spatial and temporal variability within and across watersheds
- aquatic ecology, river or stream metabolism, and ecosystem process and function
- hydrogeology, karst, and groundwater resources and remediation
- terrestrial ecosystems, forests, meadows, and the riparian corridor
- urban hydrology and new approaches stormwater management
- fluvial geomorphology and processes; stream restoration and river engineering
- oil and natural gas development
- river-bay-estuary-ocean connections; deltaic and brackish environments;
- sea level rise and coastal flooding and/or erosion issues

ABSTRACT SUBMISSION. Beginning September 1, 2019, abstracts can be submitted online at:

www.eg.bucknell.edu/wse/river_symposiums/2019/abstract_submission_form/index.php.

The **deadline for submission** is 11:59 PM on Monday, **October 1, 2019**. If the author(s) wishes to be considered for an oral presentation, they must clearly indicate so in the abstract submission online form. However, due to both schedule and logistical constraints on Saturday afternoon, there are a limited number of slots available for oral presentations.

Abstracts will be reviewed by selected members of the symposium program committee for originality, technical merit, currency, and relevance to symposium topics. Authors' suggestions for topic and format placement (oral or poster) will be considered, but the Committee will make the final decision.

Acceptance and placement notification will be made via email to the corresponding lead author by October 8, 2019.

For more information, please contact the Ben Hayes at benjamin.hayes@bucknell.edu (570-577-1830) or Sean Reese at sean.reese@bucknell.edu (570-577-3699).