

Café Scientifique: Closing the Water Loop: How the Three Rs Could Save You Money on Your Water Bill

Presenter:

Krissy Hopkins, Postdoctoral Fellow, SESYNC

Time of Event:

Thursday, June 25, 2015 - 18:30

Location:

[49 West Coffeehouse, Wine Bar and Gallery](#) [1]

49 West Street

Annapolis, Maryland

The National Socio-Environmental Synthesis Center (SESYNC) organizes the Annapolis Café Scientifique—a place where, for the price of a cup of coffee or a glass of wine, anyone can come to explore the latest ideas in science and technology.

There is never a cover charge for Café Scientifique!

Please note: seating is limited.

Reservations are strongly suggested and sometimes required depending on attendance. Please call (410) 626-9796 to guarantee your seat or, just as importantly, to cancel your reservation so someone on the waitlist may attend.

Abstract

Reduce, reuse, and recycle—a slogan known as “the three Rs”—is a phrase synonymous with garbage and recycling programs. But do the three Rs also apply to water? During this Café, you will take a journey to explore how city managers and residents are using innovative technologies to use water in new ways to save money and use water more wisely. We will explore how rainwater harvesting systems are reducing the use of drinking water to quench the thirst of outdoor landscaping; how greywater systems and marsh machines allow us to reuse water more than once, closing the water loop; and how new water efficiency programs are taking the yuck factor out of toilet to tap water recycling. Join us to dive into the fascinating world of water!

Biography

Dr. Krissy Hopkins is an urban hydrologist and postdoctoral fellow at the National Socio-Environmental Synthesis Center (SESYNC) here in Annapolis, Maryland. Her research focuses on understanding human-water systems in cities by tracking how water infrastructure reshapes the flow of rivers and stream, as well as flows of stormwater and wastewater through urban areas. With a bit of detective work, she dives back in history to explore how water infrastructure is evolving over time, shifting from

predominately pipe-based infrastructure to green infrastructure that attempts to mimic natural services to manage and treat polluted water.

[Click here for more information about the Annapolis Café Scientifique.](#) [2]

Event type:

Café Scientifique

Associated SESYNC Researcher(s):

[khopkins](#) [3]

Event Attendance:

Open to the Public

Source URL: <https://www.sesync.org/events-announcements/cafe-scientifique-krissy-hopkins>

Links

[1] <http://www.49westcoffeehouse.com/>

[2] <https://www.sesync.org/cafe>

[3] <https://www.sesync.org/users/khopkins>