11 a.m., Palladium B -- Exhibit hall opens, followed by lunch at 11:30 a.m.

Tuesday 4 W/WW TCH / 1 W TCH (Raiders of the Lost Water)
Wednesday 3 W/WW TCH

12:30 p.m., Palladium C
Welcome

12:45 p.m.
An Introduction to the Water Now Alliance
Walt Wadlow, Water Now Alliance
The speaker will brief attendees on this group, which is a network of local water leaders who want to champion sustainable, affordable and climate resilient water strategies. Since 85 percent or more of water infrastructure spending occurs at the community level, and 87 percent of people nationwide are served by public water utilities, Water Now Alliance recognizes that the policies, strategies and priorities established by local leaders have the power to fundamentally shift how we think about and use water. WNA’s members are elected and appointed governing body members, general managers, city managers and utility executive directors. The group is concerning itself with work that includes creating a valuable network for members, engaging in discussions of key policy issues, and helping to find financing solutions. The speaker will discuss WNA’s April 15-16 event in Philadelphia. This presentation will introduce attendees to a network that provides professional connections, information, and learning opportunities that could help them do their jobs more effectively.

1:30 p.m.
Affordability
Larry Levine, Natural Resources Defense Council
Daniel Van Abs, Rutgers Univ., School of Environmental & Biological Sciences
Residential water and sewer bills have long been rising faster than inflation and median household income, creating stress on low-income households’ ability to pay. At the same time, from the utility perspective, existing rates may be too low to generate sufficient revenues to operate, maintain and repair the system. Both kinds of financial stress—upon ratepayers and utilities—will be exacerbated by the costs to upgrade aging and inadequate utilities to meet current and future health and environmental standards. This session presents two NJ-specific studies that evaluate household-level affordability of residential water and sewer utility service and policy options to improve affordability.

2:15 p.m.
Business in the Garden State
Ray Cantor, New Jersey Business and Industry Association (NJBIA)
NJBIA is widely regarded as the most credible and effective advocate for business in the Garden State. This presentation will
touch on overall policy concerns NJBIA has with regard to the Administration and the organization and memberships’ major public policy goals.

3:00 p.m. Concurrent Session

10A
Palladium C

3:00 p.m.
AEA Presentation

3:30 p.m.
A Digital Twin…. Integration of Multiple Modeling Tools to Promote Public Safety
Michael Mulcare, Mott MacDonald
A digital twin called Safe Swim was developed to provide a public focused web app presenting a simple risk indicator to swimmers based on predictive analytics as opposed to retrospective sampling data in response to Auckland’s need to communicate public health risk from sewer system overflows to recreational water users. The speaker will discuss how Safe Swim twin leverages a single smart infrastructure platform to coordinate all supplier data, perform water quality analytics and power the public facing application.

10B
Tiberius

3:00 p.m.
RAIDERS of the Lost Water – “Marco to Micro Water Loss Control Strategy”
Andrew Holt, Suburban Consulting Engineers
New Jersey’s currently established Water Allocation Permitting process empowers water utilities throughout the state, with support from regulatory agencies, to be stewards for the public and health safety of our water resources. However, aging infrastructure is inhibiting the efficiency and accountability of this resource by producing a high volume of non-revenue water, with unreported leaks being by far the largest of the categories. The speaker will discuss how the AWWA M36 Water Audits and Loss Control Programs provides water utilities with the Best Management Practice tools and guidance to address this issue.

4:00 p.m.
AEA Presentation

4:30 p.m.
Following Concurrent Sessions
Networking Reception, Palladium B

Please be sure to scan out to ensure accuracy for continuing education credits.
Wednesday, March 11
7:00 a.m.
Continental Breakfast, Palladium B

8:30 a.m.
Welcome, Palladium C

8:45 a.m.
“The Memory Game”
Matthew Goerke
Matthew is the developer of the “Memory Switch Program” the most utilized program of its kind ever developed. His interactive approach will help attendees learn to remember long lists (your spouse’s birthday); recall important facts and data; reduce test anxiety, keep your memory young and more.

10:00 a.m.
Energy Master Plan
Steven Goldenberg, Giordano Halleran & Ciesla
Gearoid Foley, President of Integrated CHP Systems and Senior Technical Adviser to US DOE’s CHP Technical Assistance Partnership
The focus of this presentation will be on the Energy Master Plan. The speakers will also discuss the Energy Infrastructure P3 bill. The purpose of the bill is to leverage the resources and know-how of the private sector to facilitate long overdue energy projects that will enhance the reliability, resilience and efficiency of the state’s energy infrastructure by introducing state-of-the-art energy systems to replace aging and obsolete infrastructure.

10:45 a.m.
PFAS / PFOS ... “The Real Deal or a Fire Drill”
George Tyler, Esq., the Law Office of George J. Tyler
Margaret Carmeli, Esq., Offit Kurman
The speakers will present basic information concerning Perfluorooctanoic acid (PFOA), and perfluorooctanesulphonate (PFOs) which have been in the news as the health risks associated with these chemicals have gained notoriety. These compounds belong to the wider class of perfluoroalkyl compounds which were once viewed as beneficial and safe. Recent studies however have indicated that these compounds are health and environmental hazards. They will note that PFOA and PFOs were once heralded by manufacturers as critical to many common consumer products as well as critical assets to public safety in fighting products. As a result, these chemicals are present virtually everywhere in the environment and in humans.

11:20 a.m.
Concurrent Sessions

11A Energy
Palladium C
Hot Topics in Energy and Financing Alternatives
Robbi Acampora, Phoenix Advisors
Bryan McGair, Schneider Electric
Michelle Rossi, BPU
This panel will discuss the latest updates on implementing energy efficiency projects for New Jersey Authorities. Energy Savings Improvement Program (ESIP) financing will be discussed.

11B Stormwater
Tiberius
Stormwater Utilities: Resource Center for NJ Residents and Local Officials
Gary Brune, New Jersey Future
In March, 2019, Governor Murphy signed the Clean Stormwater and Flood Reduction Act which authorized localities in New Jersey to establish a stormwater utility to address chronic flooding, water quality, and aging infrastructure. This
Additionally, the installation of energy efficiency measures such as motor upgrades, variable frequency drives, on site generation and photovoltaic systems will be presented.

Presentation will outline New Jersey Future's planned release of a resource center website in the summer of 2020 that will provide basic background and technical information on stormwater utilities to help interested residents and local officials determine if this tool is right for their community.

12:15 p.m.  
Palladium B  
Please join AEA for its annual celebration of achievement at the Recognition Luncheon.