

BAMI-I CONDUCTS 4-DAY CTAM CLASSROOM PROGRAM IN COLUMBUS, OH

By: The Trenchless Technology Center (TTC)

On May 16 – 19, 2017, TTC in partnership with BAMI-I, conducted a 4 day “Asset Management Training for Water Infrastructure”, Certification of Training in Asset Management (CTAM) session in Columbus, OH. The program was conducted in response to a request received by the TTC from Ms. Deb Martin, WSOS Community Action Development Director.

Headquartered in Fremont, Ohio WSOS Community Action serves as the regional management entity in Ohio and Michigan for the Great Lakes Rural Community Assistance Program (RCAP), which assists small rural communities in developing and maintaining infrastructure for drinking water, wastewater treatment, and other community services, thereby improving rural quality of life. Formed in 1980, the Great Lakes RCAP encompasses Illinois, Indiana, Kentucky, Michigan, Ohio, West Virginia, and Wisconsin.

This four day session held at The Westin Columbus was the second time all four CTAM courses were taught in a classroom format – the first was in Raleigh NC in 2015. As before, each day of the program was devoted to one level of training (i.e., level 100, 200, 300, and 400) and included quizzes for each chapter.

The program was attended by 35 professionals from around the US who are focused on utility management. Instructors for the course included: Dr. Tom Iseley (TTC Director of International Operations), Kurt Wright (President, SDG Engineering), Ronald Thompson (STRADA Engineering), George Kurz (Consulting Engineer), and Joe Crea (RFC). The course was also supported by Saleh Behbahani, Shijun Lu, and Huayuan Zhong, graduate students at Louisiana Tech University.

**CTAM 100
Overview of Asset
Management**

**CTAM 200
Developing Asset
Management Plan**

**CTAM 300
Managing Asset
Management Plan**

**CTAM 400
Financing Asset
Management Plan**

After completion of these 4 courses (CTAM 100-400), participants received designation as an Associate Water Asset Manager (AWAM) plus 30 hours of PDH credits. Attendees also received a complimentary one year BAMI-I membership.

- Maximize life-cycle value of assets
- Sustain economic development
- Protect public health
- Improve the environment
- Enhance the quality of life

The purpose of BAMI-I is to provide a center of excellence for owners of underground water infrastructure to join with industry and researchers, using sound science, to evaluate and/or develop buried asset management protocols for application worldwide.

Buried Asset Management Institute-International (BAMI-I)

The Buried Asset Management Institute - International (BAMI-I) is a non-profit corporation whose main purpose is to educate and assist those who have an interest in applying best buried asset management practices to extend the life and efficiency of their assets. Although BAMI-I has been mainly focused on water and wastewater systems, the principles of asset management apply to all different types of buried assets including for instance gas distribution pipes, electric cables.


Good buried asset management practices will:

Certification in Training of Asset Management (CTAM)

CTAM is an exclusive four part series in Asset Management coursework and certification. The CTAM program was developed by BAMI-I in conjunction with the TTC (Trenchless Technology Center) at Louisiana Tech and IUPUI (Indiana University-Purdue University at Indianapolis), in partnership with UIM: Water Utility Infrastructure Management, and is hosted by the Trenchless Technology Center at Louisiana Tech.

BAMI-I launched the first CTAM course (CTAM 100) in 2010. The CTAM 100 course provides a comprehensive introduction to Asset Management principles and concepts with special emphasis on their application to “buried assets” associated with water and sewer systems. The initial success of the CTAM 100 course created awareness of the need to broaden its scope and provide more detailed training in an expanded sphere of utility system concerns. This led to the release in 2013 of the CTAM 200 course level, which focused on the specifics of how to develop an Asset Management Plan. In July and August 2015, BAMI-I released the CTAM 300 and CTAM 400 course levels respectively. CTAM 300 & 400 focus on the ongoing management of the Asset Management Plan, as well as the financial aspects of funding Asset Management Plans.

CTAM is offered as 4 online courses and per request in classroom format. More than 850 individuals from 14 countries have enrolled in the CTAM program. There are three levels of certification available – Certificates of Completion, the Associate Water Asset Manager (AWAM) and Professional Water Asset Manager (PWAM) designations. To date 103 AWAM and 12 PWAM certifications have been awarded.

For more information, and application requirements, please visit <http://bami-i.com> or contact Dr. Tom Iseley: dtiseley@latech.edu. 

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The program was attended by 35 professionals focused on utility management

ABOUT THE TRENCHLESS TECHNOLOGY CENTER (TTC):



The Trenchless Technology Center (TTC) is an industry/

university/government research center at Louisiana Tech University. It has world-class research and testing facilities at the National Trenchless Technology Research Facility (NTTRF) in South Campus at Louisiana Tech. The TTC was established by Dr. Tom Iseley in 1989. It was created to promote research, development and technology transfer in the trenchless technology industry. For over 28 years TTC has served as a global leader for the development of technologies influencing almost every aspect of trenchless construction methods.



Dr. Tom Iseley (TTC Director of International Operations) introduces the CTAM 300 course

SESTT FOUNDER DR. TOM ISELEY INDUCTED INTO 2017 NASTT HALL OF FAME



Dr. Tom Iseley accepts NASTT 2017 Hall of Fame Induction at NASTT No-Dig Show in Washington D.C. (l-r): Mike Willmets, NASTT Executive Director, Frank Firsching, NASTT Chair, Dr. Tom Iseley, 2017 NASTT Hall of Fame, Bernie Krzys, Trenchless Technology Magazine, Enrico Boi, Chairman ISTT

At the NASTT 2017 No-Dig Show in Washington D.C., April 9 – 13, SESTT Chapter member Dr. Tom Iseley was formally inducted into the 2017 NASTT Hall of Fame.

Dr. Iseley is a founding director of both the North American Society for Trenchless Technology (NASTT), and his home SESTT Chapter. Dr. Iseley is also Chairman of the Buried Asset Management Institute – International (BAMI-I) and motivating force for the delivery and creation of the important Certificate of Training in Asset Management (CTAM) program, which has enrolled individuals from 14 countries (see page 44).

Dr. Iseley holds a B.S. in Civil Engineering, an M.B.A. from the University of Alabama in Birmingham and a Ph.D. in Civil Engineering from Purdue University, and has over 35 years of experience in the planning, design, and construction of underground infrastructure systems. From 1982 until 1995, he served on the faculty of Mississippi State University, Purdue University, Louisiana Tech University, and as chairman of the Department of Construction Technology at the Purdue University School of Engineering and Technology in Indianapolis.

In 1989, Dr. Iseley established the Trenchless Technology

Center (TTC), an industry/university cooperative research facility, at Louisiana Tech University and served as Director for 5 ½ years and as Director of Development for 2 years. After serving as a senior advisor to the commissioner of the Department of Watershed Management for the City of Atlanta, he returned to Louisiana Tech & TTC on July 1, 2014. He has since established a strong program for TTC in China and was recently appointed to a 3-year adjunct professorship at the Xi'an Jiaotong University.

In 1993, Dr. Iseley was selected as the *Trenchless Technology* magazine Person of the Year. He received the ASCE 1995 John O. Bickel Award and the 1999 Stephen D. Bechtel Pipeline Engineering Award. He was elected as a Distinguished Member in the American Society of Civil Engineers (ASCE) at the annual ASCE convention in October 2015. At the 2016 Underground Construction Technology (UCT) annual conference in Atlanta Dr. Iseley was honored as the 2016 UCTA MVP (Most Valuable Professional) in a special luncheon ceremony.

Congratulations Dr. Iseley on this most recent honor: your induction into the NASTT Hall of Fame in recognition of your lifetime contributions to the advancement of the trenchless technology industry, nationally and internationally.