

CTAM

Certification of Training
in Asset Management

What is CTAM?

- An online educational course that certifies training in the management of water and wastewater assets.
- Registration fee is \$345 and includes course manual "Guide to Water & Wastewater Asset Management" and an online course with chapter exercises and exams.

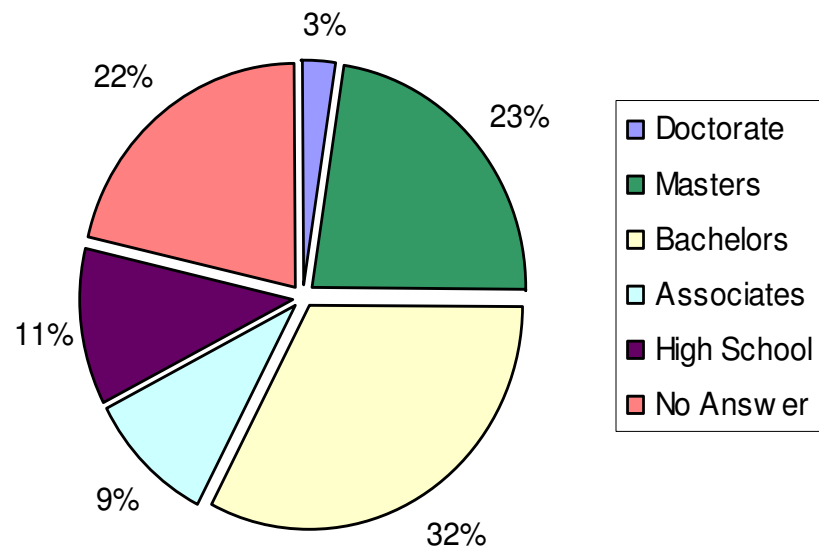
Benefits of CTAM

- Gain knowledge and access to resources to enable you to initiate, continue or improve your own asset management program
- Earn a “Certificate of Training in Asset Management”
- Earn 1 CEU/ 10 PDHs

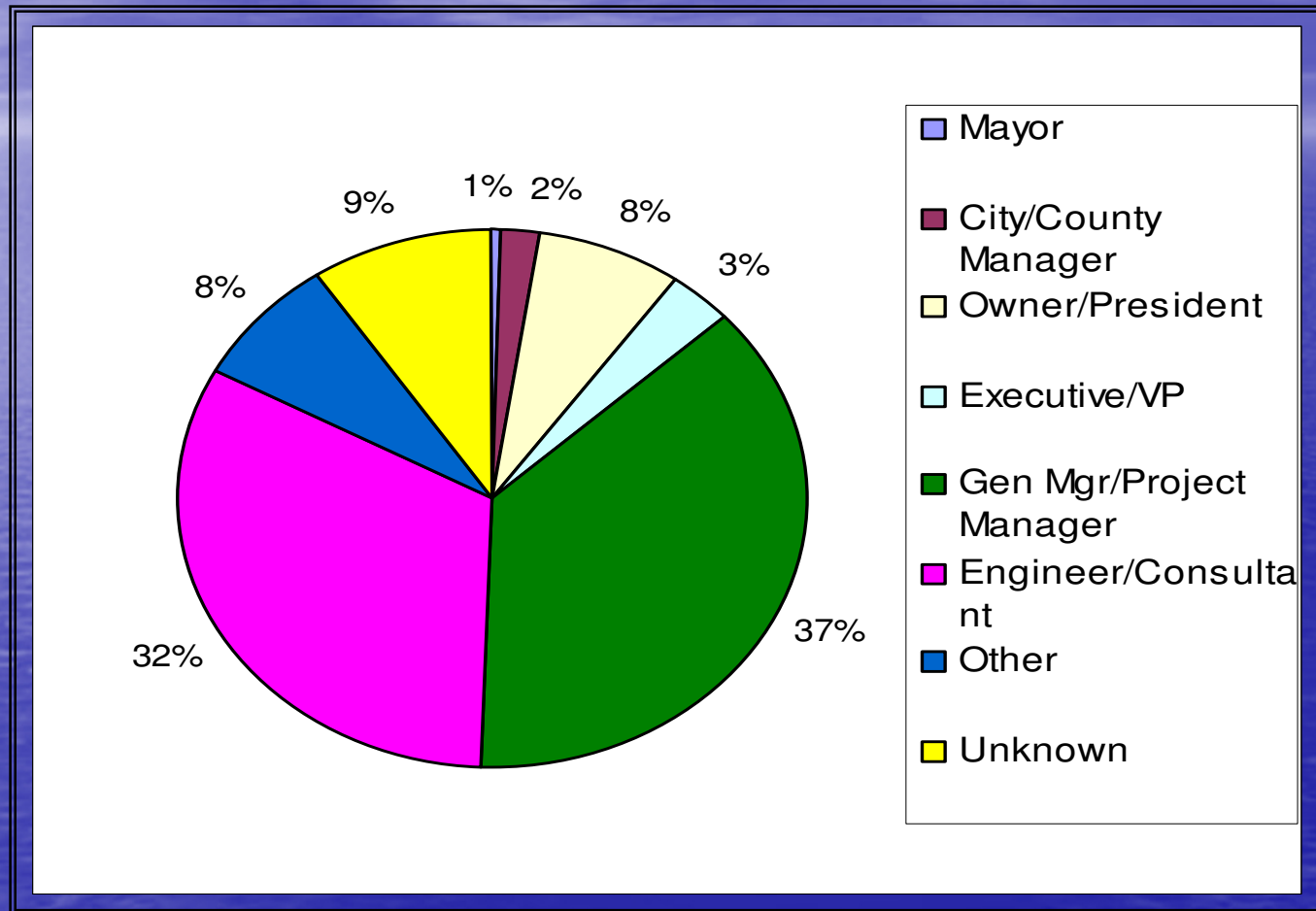
CTAM Registrants

- 156 Total Registrants
- 43 Certificates Issued
- Registrants from 8 Countries: U.S, Canada, U.K., Malaysia, Israel, Rwanda, Kenya, S. Africa

Education of Registrants



Positions of CTAM Registrants



CTAM Qualification Process

- Create Guest Account to log in Oncourse System
- IUPUI will add your account in Oncourse system
- Allow studying materials in CTAM course
- Online exams after completion of each phase and sub-phase
- To qualify for completion of CTAM course, you need to have 70% or above for each exam.

CTAM Online Exams

- PHASE 1
 - EXAM 1 - CHAPTER 1: Introduction to Asset Management
 - EXAM 2 - CHAPTER 2: Sharing Asset Management Knowledge on Global Scale
 - EXAM 3 - CHAPTER 3: Asset Management Technologies
 - EXAM 4 - CHAPTER 4 : Risk Management
 - EXAM 5 - CHAPTER 5: Government Regulations
 - EXAM 6 - CHAPTER 6: Case Studies
 - EXAM 7 - CHAPTER 7: Development of Center of Excellence for Municipal Asset Management
- PHASE 2-EXAM
- PHASE 3-EXAM

What have people been saying about CTAM?

- *"I enjoyed the course. Found it to be very informative and will recommend it to all my colleagues."* Hasan Alkhayri, P.E., Senior Vice President
- *"I believe this certification course gives the cutting edge to professionals, especially those involved in Infrastructure Asset Management. It's a necessary program for current asset management practitioners in various industries."* Consultant
- *"This course will standardize the requirements for asset management certification. It provides various aspects of asset management that can be applied to any utility."* Muhammed Tak, Project Manager

What is CTAM+

- A 3-Part course series that provides an in-depth examination of asset management principles for water and wastewater systems.
- For individuals who would like to learn more detail on what is presented in CTAM
- An online course with a digital course manual, chapter exercises and exams

CTAM+ 3-Part Series

- Developing an Asset Management Program – to begin Winter 2012
- Managing an Asset Management Program – to begin Summer 2012
- Funding an Asset Management Program – to begin Fall 2012

Benefits of CTAM+

- To gain a more in-depth knowledge of water utility infrastructure management in order to develop an Asset Management program
- Receive certification in Water/Wastewater Asset Management

Cost of CTAM+

- Each course will cost \$450 - \$500
- With each course, will receive a digital course manual
- After the completion of the 3-part series, will be certified in Water/Wastewater Asset Management

Details of CTAM+ 1 – Developing an Asset Management Program

- Introduction
- Asset Management Origins
- Asset Management Definition
- General Asset Management concepts as related to water and wastewater systems
- General Asset Management concepts on buried infrastructure
- Asset Management: Advantages, Rewards and Obstacles
- Planning
- “What” and “Where” considerations
- System Inventory – Content
- System Inventory – Geographical considerations
- System(s) Asset Naming and Numbering Conventions
- System Inventory Tools
- Condition Assessment – Water Distribution Systems and Wastewater Collection Systems
- Data Content and Analysis
- Data Sharing and Distribution

CTAM Partners



BAMI-I

Buried Asset Management Institute - International



WATER UTILITY INFRASTRUCTURE MANAGEMENT

IUPUI

INDIANA UNIVERSITY
PURDUE UNIVERSITY
INDIANAPOLIS