Be sure an join us at the annual Environmental Connection in Portland, Oregon on 15-18 February. This year’s conference is co-located with the IFIA’s Geosynthetics Conference.
The goals of the Association are:

- To educate IECA members, the public and the erosion control industry.
- To disseminate information through conferences, seminars and communication media.
- To provide technical expertise for people, organizations and governments seeking assistance in the field of erosion control and soil conservation.
From the SCIECA Board of Directors

TO: SCIECA membership and EPA Region 6 Stormwater Conference Attendees

FROM: South Central Chapter of IECA-Board of Directors

RE: 2015 EPA Region 6 Stormwater Conference

It is with great regret that the SCIECA will not be a partner to the 2015 EPA Region 6 Stormwater Conference. SCIECA has enjoyed five years of partnering with EPA Region 6 to deliver the best regional education and conference experience for all who participate and work daily in the Stormwater industry. It has been SCIECA’s greatest pleasure to serve and support the EPA Region 6 Stormwater Conference. SCIECA role in this conference has been to assume the responsibility to secure contracts for the event facility, registration, food and beverage, transportation and other amenities associated with the conference and to assist in facility, education and event planning.

On February 25, 2014 SCIECA submitted a “Co-Sponsorship Agreement” (an EPA document) to EPA Region 6 for the purpose of securing roles and expectations of the partnership between SCIECA and EPA Region 6. On August 1, 2014, SCIECA and EPA Region 6 Representatives met in a face-to-face meeting after the 2014 Fort Worth Conference to discuss details and terms of an agreement.

An EPA Region 6 attorney accompanied the EPA Region 6 team in this meeting and during this meeting, the EPA attorney stated that no further, future partnered conferences between SCIECA and EPA Region 6 could be conducted without a “Co-Sponsorship Agreement”.

On October 1, 2014, EPA Region 6 submitted its version of the “Co-Sponsorship Agreement” to SCIECA. Currently, the SCIECA Board of Directors are reviewing the “Agreement” and also seeking their legal counsel review of the “Agreement” document.

Due to the timing in execution of the “Agreement” between the partnering parties, SCIECA involvement and participation in a 2015 EPA Region 6 conference is not feasible. Additionally, the SCIECA Board of Directors does not want to delay EPA Region 6 planning activities for a 2015 Conference. Regretfully, SCIECA will not be participating in a 2015 Conference.

SCIECA is encouraged and in anticipation of securing a “Co-Sponsorship Agreement” with EPA Region 6 in the coming months which will secure our partnership and participation in a 2016 and other future EPA Region 6 Stormwater Conferences. SCIECA looks forward to again serving and supporting the Conference.

SCIECA and its Board of Directors would like to extend its best wishes to the EPA Region 6 and the planning committee for a successful 2015 EPA Region 6 Conference

Respectfully,
SCIECA Board of Directors
From Our Board Member

Storm Water and Erosion Control As A Career
Brad Flack, CPESC, CESSWI

If you have not been paying attention, the country had been coming out of the great recession of our time, and has most recently been impacted by the sudden drop in oil prices. Employment rates had risen as we were recovering, but it seems that most of the large O&G players are planning layoffs, downsizing, or at the minimum, a freeze on employee salaries and spending. With all of the boom and bust in O&G it seems that one thing does remain constant. That is storm water and erosion and sediment control. With the enactment of the 1972 Clean Water Act, a new career segment was birthed. As the EPA, states and local municipalities are putting more and more pressure on commercial and industrial constituents to regulate and control their erosion and storm water runoff, more and more expertise and consulting is required. This has essentially created a new business segment which is required by law, sought out by its own clients and can be profitable if done correctly. If you have been putting your head in the sand with regards to storm water, and its cousin erosion and sediment control, then you may be missing out. The South Central Chapter of IECA is a place where people can find service providers, manufacturers of permanent and temporary controls, and is a pool of like-minded and potentially experienced and qualified employees. Your membership brings you to the forefront of what is happening in the storm water and ESC (erosion and sediment control) markets. Membership also means you can bring alerts, updates and news of impending changes or modifications to federal, state or local storm water and ESC regulations or practices to the group. As the South Central chapter, serving Arkansas, Louisiana, Oklahoma, and Texas, we are a regional sub chapter of the International Erosion Control Association, Region 1 (North/South America and Europe). For more information on how to connect with fellow SCIECA members or with the greater membership of IECA abroad, please visit the website at http://www.southcentralieca.org/
The Value of Stabilization
Brad Cline, P.E., CPESC

As a SWPPP Contractor it is often a difficult task to explain the value of stabilization, both temporary and permanent. The cost associated with the work can often be calculated easily, but the justification to the client can be another story. Prior to my current position, I was a solid waste consultant. The first time I called for quotes to hydroseed a landfill, I was blown away. The project was in an isolated part of the state and required a 3 hr mobilization for the contractor to get his materials, equipment, and men on site. The site’s seedbed would be prepped and describing the slope as steeper than 3:1, the quotes came in at $5000/ac and up. The client had a hard time accepting this due to the fact that property in this part of the state sells for less than that. Ten years later, I am on the other end of the stick. When a client doesn’t see the value in stabilization, I have to explain the cost of the consequences.

**Regulation Cost** – In today’s construction environment, all SWPPPs will contain notes or plans to temporarily and permanently stabilize. Unfortunately, most of the clients that sign these documents are unaware of the hidden cost that can be reduced or enhanced based on the site contractor’s schedule and work habits. The SWPPP inspector should make it clear before stabilization deadlines are reached and note when these deadlines are exceeded. Fines and stop work orders may be issued for the lack of this stabilization. Often, citations can be avoided by utilizing a consultant (for an additional fee). Termination of the permit is not an option without final stabilization. This results in looming inspection fees that can easily trump the cost of seeding. Avoiding these unnecessary costs should be factored into the value of doing it right the first time.

**Regrading Cost** – Too often the money was not budgeted for temporary stabilization. The site contractor is in control and doesn’t want the money to come out of his pocket. I have inspected projects where the site has to be “slicked off” three or four times. Often, the displacement of the material over the winter will leave the original grades low and material will have to be imported prior to landscaping. The cost for extra trips, fuel, manpower, and material replacement should be factored into the value of doing it right the first time.

**Clean up Cost** – Without stabilization measures in place, erosion is typically unavoidable. The regrading cost mentioned above also comes with clean up cost. Unexpected sediment control measures may need to be installed. Typically there will be a rain event that gets everyone’s attention first. This event will result with sediment in the street, in the stormdrains, and/or ultimately leaving the site. If this material is tracked off site or migrates down the creek, sediment removal cost could skyrocket. Sediment basins may have to be cleaned out more times than expected. If the clean up measures are not performed in a timely manner, the fines and associated problems with regulation cost can add up quickly. These factors should also be considered into the value of doing it right the first time. All of these costs will ultimately end up with one thing in common: After these costs are incurred, the site will still need to be stabilized. The value of stabilization can easily outweigh the cost.
The World's Largest Soil and Water Event and its 2015 Co-location with IFAI's Geosynthetics Conference

Portland Convention Center
Portland, Oregon
February 15–18, 2015

What is Environmental Connection?

This is IECA's premier educational event for the erosion, sediment control and stormwater industry. Environmental Connection combines intense, full and half day training courses with topic-focused technical sessions and the largest expo of its kind. Environmental Connection 2015 will be a co-located event with the Industrial Fabrics Association International's Geosynthetics 2015. Attendees will have access to both associations' educational offerings regardless of which conference they register for (this includes morning plenary, technical sessions and panel discussions), plus one giant exhibition - all under one roof.

Over 4 days, Environmental Connection provides peer-reviewed education, products and technology which address four educational tracks:

- Erosion and Sediment Control
- Stormwater Management
- Surface Water Restoration
- MS4 Management

7 Reasons Why You Should Attend Environmental Connection:

Bigger than ever: In 2015, the Environmental Connection Conference will be a co-located event with the Industrial Fabrics Association International (IFAI). This means you will meet more of the industry's brightest minds.

Continue your education: Learn from presentations of the latest case studies and topic-focused technical sessions.

Stay credible: Earn Professional Development Hours (PDHs) by attending technical sessions.

Build business relationships: We have numerous networking and social opportunities so you can make connections with future clients or even connect with potential employers/employees.

Stay ahead of the curve: Keep up-to-date in today's newest technologies in erosion and sediment control products and services at our two-day expo.

Support a cause: Attending conference helps to show your support for IECA, which is an non-profit organization that provides education, resource information and business opportunities for professionals in the erosion and sediment control industry.

Destination Portland: We are bringing the world's largest soil and water event to Pacific Northwest! Portland, Oregon is IECA's 2015 conference stop. With abundant outdoor activities, beer and coffee enthusiasm, a fast-growing food scene, easy public transportation on their light rail system and beautiful topography along the Willamette River, Portland is an ideal spot for conference attendees.
Construction Site Erosion and Sediment Control: Best Practices and Low Impact Solutions

Instructor: Dr. T. Andrew Earles, Ph.D., P.E., D.WRE, CPESC

Date: March 18, 12:00 PM Central Time

PDH: One certificate is issued (to the registered participant), per paid registration.

Level: Intermediate and advanced-basic knowledge of stormwater permitting and BMPs is desirable

Pricing: $50 for members /$65 for non-members

Learning Objectives:

Understand how construction phase stormwater management relates to the ultimate success or failure of post-construction practices.

Understand peak flow rate, volume and runoff frequency changes due to development of impervious surfaces and how to mitigate.

Learn about common practices for Low Impact Development (LID) and Green Infrastructure (GI) and how construction activities, methods and details affect performance.

Often construction-phase and post-construction stormwater management are separate worlds (different permits, different plans, different practices, etc.); however, in terms of hydrology, water quality and the ultimate success or failure of post-construction practices, they are closely related. This webinar will briefly review stormwater regulations for construction and post-construction and will explain how hydrology is a unifying theme. The webinar will include state-of-the-practice details for common LID and GI practices and will focus on details that are important to pay attention to during construction for successful stormwater quality management for the long term.

https://www.ieca.org/education/webinar/registration/registrationcontact.asp
**United States Training Modules**

**Day 1 (6.5 hours)**

**Module 1: EPA Information**
- Clean Water Act
- NPDES 2012 General Permit
- Evaluating CGP Inspector Requirements
- Understanding a SWPPP and S&EC Drawings

**Module 2: Background Material**
- Definitions
- Polymers and Sedimentation
- A Primer on Hydrology
- Critical Inspector Requirements
  - SWPPPs and BMPs
  - Communication
  - Recognizing limitations
- CISEC Code of Ethics

**Module 3: Inspecting BMPs**
- Understanding the Phases of Construction
  - Inspecting
    - Barriers
    - Check structures
    - Area drains and inlets
    - Sediment Containment Systems
    - Polymers
    - Wind/Dust control methods
    - Erosion control practices
    - Hazardous waste material sites
- Writing and Assessing Inspection Reports

**Day 2 (3.5 hours)**

**Module 4: Conducting Inspections**
- Inspection Requirements
  - Role of designers, inspectors, and contractors
- Inspector Responsibilities During Construction Activities
  - Inspection Reports
  - Reporting on BMP Maintenance
  - Documentation and communication
  - Working with contractors and clients
- Inspecting a Construction Site
  - During grading conditions
  - During construction conditions

For more information about the United States "In-Person" or "On-Line" training modules, go to [contactus@ciseccinc.org](mailto:contactus@ciseccinc.org)

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**Canadian Training Modules**

**Day 1 (6.5 hours)**

**Introduction**
- The Can-CISEC Program
- Environmental topics

**Module 1: Roles and Responsibilities**
- Qualities of a good inspector
- Responsibilities During Construction Activities
  - Documentation and inspection reports
  - Communication
- CISEC Code of Ethics

**Module 2: Background Material**
- Understanding the Phases of Construction
- Definitions
- A Primer on Hydrology
- Best Management Practices
- Understanding erosion and sediment control plans

**Module 3: Inspecting BMPs**
- Inspecting
  - Barriers
  - Check structures
  - Area drains and inlets
  - Sediment Containment Systems
  - Polymers
  - Erosion control practices
  - Hazardous waste material sites
- Writing and Assessing Inspection Reports

**Day 2 (3.5 hours)**

**Module 4: Regulations and Compliance**
- Due Diligence
- Federal Legislation Requirements
  - Fisheries Act
  - Species at Risk Act (SARA)
  - Canadian Environmental Protection Act
  - Navigable Waters Protection Act
- Provincial Legislation Requirements

**Module 5: Conducting Inspections**
- Inspecting a Construction Site
  - During grading conditions
  - During construction conditions

For more information about the Canadian "In-Person" training modules, go to [can-cisecc@ttca.on.ca](mailto:can-cisecc@ttca.on.ca)

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**Certification Examination**

**Day 2 (3.5 hours)**

Attendance in the intermediate level training modules is not mandatory before taking the certification examination. However, CISEC, Inc. must grant approval to all individuals seeking to sit for the closed book comprehensive test.

Administered in the afternoon of Day 2, applicants deemed qualified by CISEC, Inc. to sit for the 3½-hour closed book certification examination will answer questions on:
- Rules and regulations,
- BMP assessments,
- Environmental topics,
- Analyzing a S&EC plan and drawings,
- Conducting inspections, and
- Writing inspection reports.

CISEC, Inc. must complete an evaluation of one’s education and work experience to determine eligibility to sit for the 3½-day examination. This requires completing an application found at [www.ciseccinc.org](http://www.ciseccinc.org) under the “Training and Exam Schedule” tab. Materials and the administrative processing fee must be submitted at least 21 days before an examination.

Becoming a CISEC or Can-CISEC registrant starts by passing the certification examination by a score of 75% or better. Registrants must also sign a 3-year contract agreeing to abide by the CISEC Code of Ethics, to renew every year, and to earn at least 36 Continuing Development Hours (CDHs) during each three year cycle.
Northwest Arkansas International Erosion Control Association Network

++ + + + + News & Events + + + + +

**February**

11-13  Texas Riparian Association’s Urban Riparian Symposium; Austin, TX
15-18  IECA International Conference (EC15); Portland, OR
17-18  Iowa Cover Crops Conference; West Des Moines, IA
17-20  Water Environment Federation and American Water Works Association’s Utility Management Conference; Austin, TX

**March**

11-13  Water Environment Federation and American Water Works Association’s Design-Build for Water/Wastewater Conference; San Antonio, TX
17-19  Water Environment Federation’s International Environmental Technology Trade Show and Conference Americana; Montreal, Canada
17-21  International Foundations Congress & Equipment Expo; San Antonio, TX
18  **Webinar**: IECA’s “Construction Site Erosion & Sediment Control: Best Practices & Low Impact Solutions”
24  NWA IECA Network’s Lunch “N” Learn; Rogers, AR

30 to **April**

1  American Water Resources Association’s Spring Specialty Conference: Water for Urban Areas; Los Angeles, CA

**April**

9-10  Arkansas Floodplain Management Association’s Spring Conference; Jacksonville, AR
19-22  Water Environment Federation’s “Collection Systems Taking Center Stage – Seize the Opportunity;” Cincinnati, OH

**May**

11-13  Association of State Dam Safety Officials’ Northeast Regional Dam Safety Conference; Ocean City, MD
26  NWA IECA Network’s Lunch “N” Learn; Rogers, AR
31 to **June**

5  International Soil Conservation Organization Conference; El Paso, TX

**June**

15-16  SEIECA & EPA Region 1’s “Municipal Wet Weather Stormwater Conference;”
     Atlanta, GA
15-17  American Water Resources Association’s Summer Conference: Climate Change Adaptation; New Orleans, LA

*Questions? Call Janet Paith at 479-254-6844*
16-18  National Hydrologic Warning Council Training Conference & Exposition; Indianapolis, IN

**July**  26-29  Annual Soil and Water Conservation Society Conference; Greensboro, NC
        28  NWA IECA Network’s Lunch “N” Learn; Rogers, AR

**August**  2-6  StormCon; Austin, TX
          *Tentative*  IECA Road Show in Northwest Arkansas

**September**  13-17  Association of State Dam Safety Officials’ Dam Safety Conference; New Orleans, LA
        22  NWA IECA Network’s Lunch “N” Learn; Rogers, AR

**October**  19-23  *Tentative dates and location;* EPA Region 6 MS4 Operators Conference; Hot Springs, AR

**November**  16-19  AWRA’s Annual Water Resources Conference; Denver, CO
        17  NWA IECA Network’s Lunch “N” Learn; Rogers, AR
SAVE THE DATE

2015 Central Texas Infrastructure Design & Construction Symposium
Thursday, April 30
8:15 am – 4:15 pm
Austin Convention Center

Registration forms will be emailed soon!

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