

## Technical Program Details of the WCIECA 2004 Regional Conference

Includes descriptions of the pre-conference Professional Development Courses, the Conference technical paper presentations and workshops, and the CPESC/CPSWQ certification process. Get the Conference Registration Flyer at <http://www.wcieca.org> to sign up for the conference.

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### Professional Development Courses April 20, 2004, 8 am – 4 pm

#### How to Run a Successful Erosion Control Business

Course Instructor: Robert Crowell

Course Description: Salesman, customer, attorney, employer, estimator, equipment technician, and technical expert. A contractor needs skills in all these fields to run a successful (make that profitable) contracting business. Tailored to erosion and sediment control, this course offers a step-by-step business and project management framework for honest, intelligent profit making. Beginning with connecting to potential customers, you will follow the value of operating your contracting business as an integrated process. Everything that happens affects everything else. With emphasis on the interrelationship of sales, bidding, negotiating, execution and follow through, this road map around the potholes will provide specific proven methods that will enhance your ability to grow and sustain a well respected and profitable contracting company.

Learning objectives:

- Strategies for growing your business
- Converting specifications from minefields to goldfields
- Practical tips for job take-off and pricing
- Bid proposals that protect your interests
- Finding the booby-traps in construction contracts and subcontracts
- Knowing the science of sediment and erosion control

- Details of profitable project management
- Systematic job costing for better bidding

Benefits:

- Land more jobs
- Raise your profit margin
- Work smarter instead of longer
- Get paid on time
- Stay clear of litigation
- Minimize callbacks and complaints

#### Certified Professional in Erosion and Sediment Control (CPESC) Exam Review Course

Course Instructors: Michael Harding and David Franklin

This specialized review course prepares you for the CPESC exam and to obtain certification.

Phase II of the National Pollutant Discharge Elimination System (NPDES) now mandates local storm water management programs for thousands of municipalities throughout the US. Local governments must incorporate information and education components as well as construction site erosion control and post-construction storm water management into their programs. The need for certified professionals in erosion and sediment control continues to grow rapidly.

A CPESC designation establishes and expands your credibility in this specialty. It sets you apart as a certified professional who can be utilized to design and evaluate erosion and sediment control, to influence public policy and land-use planning decisions, and to educate others in sound approaches for preventing off-site impacts from development activities.

The CPESC designation identifies specialists who have met established standards of expertise, experience and knowledge. Through a process of peer review and written exams, pre-approved applicants can obtain certification. This certification program, sponsored by the Soil and Water Conservation Society (SWCS) and the International Erosion Control Association (IECA), provides the public with evidence of professional qualifications.

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**Technical Session Schedule  
April 21-22, 2004**

**Wednesday April 21, 2004**

**Arizona Focus Storm Water Workshop 1:00-5:00**

- *Arizona's Construction General Permit and Smart NOI System* – Technical paper presentation describing the permit and how to file your Notice of Intent Online – Michele Robertson.
- *Writing and Implementing a SWPPP* – Two-hour workshop providing an introduction to SWPPP preparation – Mike Chase.
- *Top Ten Compliance Issues at Construction Sites* – Technical paper presentation on the compliance and enforcement processes and the Top 10 storm water on-site concerns – Michael Traubert.

<b>Wednesday April 21, 2004</b>		
10:00-1:00	Registration	Lobby
1:00-2:00	<i>Arizona's Construction General Permit and Smart NOI System</i> Michele Robertson	Salon 1-2-3
2:00-3:00	<i>Writing and Implementing a SWPPP</i> Mike Chase	Salon 1-2-3
3:00-3:15	Break	Atrium
3:15-4:00	<i>Writing and Implementing a SWPPP (continued)</i> Mike Chase	Salon 1-2-3
4:00-5:00	<i>Top Ten Compliance Issues at Construction Sites</i> Michael Traubert	Salon 1-2-3
5:00 – 7:00	Welcome Reception	Atrium

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**Thursday April 22, 2004**

**Plenary Session 8:00-12:00**

- Keynote Address: Karen Smith, Director, Arizona Department of Environmental Quality, Water Quality Division
- Opening Paper: Carol Forest *California Fires* – A step-by-step approach to protecting homes, water bodies and lives following major forest fires.

**Technical Sessions 1:00-5:00**

Track 1

- *SWPPP Training* – Two-hour workshop to help on writing and implementing a Storm Water Pollution Prevention Plan – Michael Chase.
- *Proper Seed Selection* – Technical paper presentation to discuss the selection of seed for revegetation of disturbed sites. Bill Agnew.
- *Mine Reclamation* – Technical paper presentation on mine reclamation for arid regions. Discussion on process and decisions on how to address mine closures. Elise Strickler.

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### Track 2

- *Linear Project E&S Control* – Technical paper presentation on proper erosion and sediment control for linear projects in arid regions. Steve Sacks.
- *Implementing Erosion Control on Fort Huachuca, Arizona* – Technical paper presentation on erosion control measures implemented at Fort Huachuca. Robert Bridges.
- *pH Neutralization on Construction Sites to Meet Discharge Requirements* – Technical paper presentation on pH issues associated with construction activities and ways to meet discharge requirements for pH. Paulo Cruz.
- *How to Handle Non-Storm Water Discharges* – Technical paper presentation discussing non-storm water discharges, such as groundwater, from construction sites. Mike Flake.

### Track 3

- *Inspector Training* – Four-hour workshop to help contractors, inspectors, and installers understand the inspection process. Shirley Morrow.

<b>Thursday April 22, 2004</b>		
<b>7-8</b>	Registration and Continental Breakfast	Lobby
<b>8-12</b>	<b>Plenary Session</b>	<b>Ballroom</b>
8-8:30	Welcome: Mike Chase, WCIECA President	
8:30-9:30	Keynote Address: Karen Smith, Director ADEQ Water Quality Division	
9:30-10	<i>Break</i>	<i>Atrium</i>
10-12	Opening Paper: <i>California Fires</i> Carol Forrest, CPESC, Geosyntec	
	<i>Lunch</i>	<i>Pavilion</i>
<b>1-4</b>	<b>Technical Sessions Session</b>	<b>Salon 1-4</b>
Track 1	Track 2	Track 3
<b>SWPPP Training</b> Mike Chase 1:00-3:00	<b>Linear Project E&amp;S Control</b> Steve Sacks <div style="text-align: right;">1:00-1:45</div>	<b>Inspector Training</b> Shirley Morrow 1:00-5:00
	<b>How to Handle Nonstorm Water Discharges</b> Mike Flake <div style="text-align: right;">1:45-3:00</div>	
3-3:30	<i>Break</i>	<i>Atrium</i>
<b>Proper Seed Selection</b> Bill Agnew 3:30-4:15	pH Neutralization on Construction Sites to Meet Discharge Requirements Paulo Cruz <div style="text-align: right;">3:30-4:15</div>	<i>Inspector Training (continued)</i> Shirley Morrow 1:00-5:00
<b>Mine Reclamation</b> Elise Strickler 4:15-5:00	<i>Implementing Erosion Control on Fort Huachuca, AZ</i> Robert Bridges <div style="text-align: right;">4:15-5:00</div>	
Annual Chapter Meeting Mike Chase 5:15-6:00		
6-7:30 <i>Mixer</i>		

## **Technical Program Details of the WCIECA 2004 Regional Conference**

### **Information on the CPESC/CPSWQ Certification**

The Certified Professional in Storm Water Quality Exam Review Course will not be presented at this conference, however, the CPESC and CPSWQ exams will be held on Tuesday April 20, 2004 and Friday April 23, 2004 at the WCIECA conference.

The certification process involves three steps:

1. You must complete an application that documents your educational and work experience. CPESC and CPSWQ eligibility is evaluated based on your application information.
2. You must submit a fee of \$150 (US) with your application.
3. You must pass a two-part exam, which is offered at the WCIECA Conference.

When it's time to renew your CPESC or CPSWQ certification, it pays to be a member of IECA or SWCS. CPESC and CPSWQ renewal fees for members are \$50 while nonmembers pay \$75.

Any questions, please contact: CPESC, Inc.

Attn: David H. Ward

796 Old Linville Road Marion, NC 28752

Ph: (828) 756-4484

Fax: (828) 756-7344

Email: david@cpesc.net

Website: <http://www.cpesc.net>. Applications must be submitted to CPESC, Inc. 30 days prior to your planned test date in order to be reviewed for approval to sit for the exam at this conference.

Benefits: Certification offers these valuable benefits:

- Validates your knowledge in the erosion and sediment control and the storm water quality profession
- Connects you with an elite group of certified professionals
- Improves your professional credibility
- Advances your career and business opportunities
- Gives you a stronger voice in addressing public policies and regulations More and more US states and local governments now recommend the use of CPESC or CPSWQ professionals for erosion and sediment control and storm water quality control implementation.