

The Certified Environmental Professional The Newsletter of the

Academy of Board Certified Environmental Professionals

http://www.abcep.org

JANUARY-FEBRUARY 2018

President's Message

A new year is upon us and that's always a good time to evaluate your goals and priorities for the upcoming year, relish in your successes from the past, and prepare yourself for your challenges which are sure to be right around the corner! Sometimes the best way to do this is to enlist the help of a trusted friend, partner, or colleague. Ask the hard questions:

- What did I do really well this past year?
- What can I do better next year?
- How can I be a better person for the people around me? A

All those things will only improve how you can positively influence yourself and others in the upcoming year.

In 2018, I repeat my 2016 Challenge:

- Arrange a lunch meeting with CEPs, CEP-ITs, and those who might be interested in being a CEP in your local area. In my area, a group of us meet every few months for lunch. Attend a local chapter of an NAEP meeting and get on the Agenda to do a short presentation on the CEP.
- Become a Mentor we have a robust mentoring program in need of Mentors. It's a small time demand with a great reward.
- Join the Candidate Review Board (CRB) this is a great way to drill down into our candidates to make sure they have what it takes to be a CEP. You will be so pleased to learn about the qualifications and expertise all of the great professionals we have out there!

The NAEP Annual Conference will be in Tacoma Washington in March 2018. ABCEP will have a huge presence there, with our in-person meeting, class presenters, and of course the awards ceremony where we will award the Richard Kramer Award and the Emerging Professional Award. One of the exciting things that ABCEP is doing this year is establishing a scholarship for a deserving professional.

Here are some upcoming events where ABCEP will be present!

March 2018 NAEP (Tacoma Wa.) July 2018: Marco Island – Florida Environmental Network September 2018 : FAEP/Orlando

Until Next Time!

Elizabeth R. Johnson, CEP, PWS ABCEP President Liz.johnson@ocfl.net/407-836-1511



Elizabeth R. Johnson ABCEP President

Inside:

- Visit the ABCEP Booth at the NAEP Annual Conference
- Call for Articles NEPA
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- Maintaining Your Status as a Certified Environmental Professional (REPRINT)
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The ABCEP Board of Trustees looks forward to seeing you at the NAEP Annual Conference in Tacoma, Washington March 11-14.

Look for our NEW BANNER (displayed below by BOT member Tina McIntyre). Please stop by our booth and say Hello!



The Newsletter of the Academy of Board Certified Environmental Professionals

CALL FOR ARTICLES National Environmental Policy Act Compliance and Streamlining

From the FAST Act to the August 2017 Executive Order on Establishing Discipline and Accountability in the Environmental Review and Permitting Process for Infrastructure, agencies are attempting to provide a structure to accelerate the environmental decision-making process for all types of projects.

Are these the correct measures, will they achieve the intended goals, and where have these or similar measures already been implemented successfully?

The March-April 2018 edition of *The Certified Environmental Professional* will showcase views on and examples of **NEPA Compliance and Streamlining**. We welcome a variety of perspectives on the topic from the environmental practice community.

Deadline for article submittal March 23, 2018 to scannonmackey@burnsmcd.com

Articles should be submitted in Word, with all graphics/photos provided in either tif or jpg formats. Do not send PDFs. All exhibits/figures/photos must have sources documented and all permissions to use obtained by the author of the article prior to publication. For questions, please contact Shari Cannon-Mackey, CEP, ENV, SP, Editor at 512-872-7132 or by email to scannonmackey@burnsmcd.com

Want to up your professional game? Check out this educational opportunity!

The Earth Institute Columbia University

The Earth Institute at Columbia University is offering a **new Master's program in Sustainability Science (M.S.),** starting in 2018. The program teaches students with backgrounds in science and engineering, how to:

- Use scientific methods to observe and monitor sustainability
- Analyze and model data to understand the environment
- Employ scientific tools to respond to pressing sustainability issues
- Integrate science in the decision-making of organizations

Both a part-time option and evening classes are available to accommodate working professionals. The <u>application</u> deadline for fall enrollment is **May 15, 2018**.

For more information visit <u>http://science.ei.columbia.edu/</u>

If you are affiliated with an academic institution or plan to host a training or educational opportunity, please share your information with the CEP Community through this newsletter.

Please send the details of your opportunity to Shari Cannon-Mackey, Newsletter Editor, at scannonmackey@burnsmcd.com.

The Environmental Professional - Newsletter Topics 2018

For 2018, ABCEP will publish *The Environmental Professional* on a bi-monthly basis.

We encourage our membership to provide articles related to the topics noted, but an article on any subject can be submitted at any time.

By focusing each newsletter on a specific topic, we hope to provide a more robust reading experience for our membership.

I look forward to an interesting and informative 2018!

Shari Cannon-Mackey, Editor

Article submittal guidelines:

- Submit articles by the due date indicated, to scannonmackey@burnsmcd.com
- Submit article in Word format
- Submit graphics/exhibits as jpg/tif files
- All graphics/charts/exhibits need to be referenced and the author is responsible for obtaining all releases from owners/publishers in order for the image to be used in the newsletter
- Provide brief biography of the author(s)
- PDF of the finished article (with all graphics/ exhibits placed) will be helpful.

JANUARY-FEBRUARY CEPs in Industry (due January 26, 2018)

MARCH-APRIL

National Environmental Policy Act (NEPA) Compliance and Streamlining (due March 23, 2018)

MAY-JUNE

Historic Preservation and Section 106 Compliance

(due May 25, 2018)

JULY-AUGUST

Water Quality - Regulatory Changes and Future Outlook (due July 27, 2018)

SEPTEMBER-OCTOBER CEPs in Transportation (due September 28, 2018)

NOVEMBER-DECEMBER CEPs in the Construction Sector (due November 23, 2018)

Maintaining Your Status as a Certified Environmental Professional

Richard Burke, CEP

REPRINTED FROM THE DECEMBER EDITION OF THE ENVIRONMENTAL PROFESSIONAL

Acknowledgement - Thank you to Board Member Irv Cohen, and past Board Members Peyton Doub and Don Deis for their previous ABCEP Maintenance Program Newsletter articles, which form the basis for some of the text rephrased here.

It's that time again. It is time to account for those activities that you participated in during 2017 so you can maintain your CEP certification. Documenting that you spend at least 40 hours over the year maintains your status as a CEP. If you have already done this, good for you. Now all that remains is for you to submit your annual payment before the end of 2017. If you haven't met the 40-hour requirement yet, now is the time to do so. For some of you, particularly this late in the year, this challenge may seem difficult. Yet, meeting CEP maintenance requirements is actually easily achievable if you consider the opportunities that are available. This article describes how you can maintain your certification by following some simple suggestions.

First Steps

First, the mechanics.

ABCEP's website, <u>http://www.abcep.org/</u>, has a tab at the top on the right, labeled "CEP-EXPRESS Login." Click on the tab, enter your email and password, and you will enter the CEP Express Portal. At the top of the page, click on "Manage Hours," and you will see instructions for how to create a table of your activities for 2017 (Hours Details table).

HOT TIP Click the drop-down menu under "Maintenance Renewal Year" to see your activities and hours in past years. Note that 40 hours is a **5-year average** requirement. You can borrow excess hours from the **past or future 4 years to meet the 40 hour per year requirement**. Thus, if you had, say 44 hours for 2013, and 40 hours for 2014, 2015, and 2016, you would only need 36 hours for 2017. However, in that case in the future, you will need to record at least 164 hours during the years 2018-2021 (for example, 3 years at 40 hours, and one year at 44) to maintain your required 40 hour average over each running 5-year period. This averaging process enables CEPs to maintain their status even during unusual circumstances such as sabbaticals, temporary unemployment, or taking time off for other purposes. Averaging also means you do not need to reapply as a CEP after missing the target for only a few years; you just have to record more activity in the following years!

<u>Warning:</u> CEPs who do not meet the 5-year average requirement will lose their certification and will have to repeat the entire application process should they desire their certification again in the future.

The Hours Limits table shown at the bottom of the CEP Express/Manage Hours web page (see below) lists the various categories of maintenance activities and the maximum number of hours that may be counted in each category toward the annual requirement. Note that the unit of measure for the ABCEP maintenance program is the "hour." The idea is that **maintenance hours are awarded based on your actual hours worked,** and not as a value arbitrarily assigned to different types of activity such as in a points system. ABCEP believes that the "hour" metric best reflects the effort you spend to maintain your involvement in the environmental practice. We set hourly ceilings for each category to ensure that CEPs engage in multiple activities each year, preferably involving both professional development and contributions to the profession. A general expectation is that a CEP will engage in at least one or two educational/professional development activities per year, such as attending a conference or taking a training course, and also at least one or two professional contribution activities each year, such as serving ABCEP or some other environmental professional or community organization.

The Hours Limits Table (see page 8) lists four types of activities that count toward maintaining your CEP: employment, serving ABCEP, education, and serving other professional organizations. Employment and education are considered "professional development" activities, while serving ABCEP and other organizations are considered "professional contribution" activities. ABCEP does not require any particular allocation among these types of activities, but CEPs are encouraged to be active in both kinds. Let's first review the opportunities involving professional development.

Professional Development - Employment

Recognizing that professionals learn considerably through engagement in professional practice, ABCEP grants 20 of the required 40 hours for full-time employment, and prorated hours for part-time employment. Thus, you can meet up to half of your annual requirement just by working full time.

Since not all time spent at work can be considered professional development, ABCEP has made an exception to the "actual hours worked" rule noted above, and restricts the number of hours that can be credited to one percent of hours worked. Thus, for example, if you work 20 hours per week for 50 weeks, you can record 20 x 50 x .01 = 10 hours on your Hours Details table. Note that you don't necessarily have to be paid for these hours. If you are an employee or consultant for a non-profit environmental organization, you should count those hours, too.

ABCEP recognizes that the concept of "full-time employment" continues to change, with increasing numbers of environmental consultants practicing on a free-lance basis whenever work becomes available instead of reporting to a single employer every day. Thus, ABCEP does not distinguish between CEPs who are self-employed and those who work for others. It is the number of hours engaged in the profession that counts.

CEPs who do not work at all can also maintain their certification. Spending less than 1 hour every nine days during the year on other creditable activities should not be a hardship, particularly for someone who is not working full time. The entire 40 hour requirement can be met just by taking environmental education classes or by performing environmental organization support services, as summarized below.

Professional Development - Education

As we all know, the environmental practice is in constant flux. New local, state, and federal regulations are constantly being promulgated. New data is being gathered each year. New technologies are being implemented that require training and practice. New concerns – chemical, biological, and cultural – require experts to know more than ever about current issues and solutions. For these reasons, CEPs need to continuously engage in educational activities in order to maintain currency of knowledge in one's chosen environmental field. Fortunately, opportunities to join webinars, conferences, and other educational programs abound.

Two types of educational activities are listed in ABCEP's Hours Limits table: "attend accredited seminar/course," and "attend conference." An "accredited seminar/course" is intended to include all types of bonafide training and courses that provide the environmental professional with updated knowledge. For this reason, 100 percent of your attendance hours in this category count toward your annual tally. These courses may include employer-sponsored training classes, as well as web-based instruction, webinars, and self-study programs, which are increasingly replacing traditional instructor-based classroom courses. For example, for the past 6 years, American Public University (APU) in partnership with the National Association of Environmental Professionals (NAEP), has offered monthly webinars that focus on the environmental professional, some of which are free (see http://www.naep.org/webinars).

A variety of other providers now also make many courses available for free online under the heading of "massive open online course" (MOOC). A MOOC is an online course that provides students with unlimited access via the web to course materials such as filmed lectures, readings, and problem sets, and in many cases also provides forums for interactions among students, professors, and teaching assistants. **Several free environmental courses are listed at** https://www.mooc-list.com/, and others are available at other sites such as edX and Coursera.

For those of you who are interested in more extensive training, you might consider obtaining a certificate in an environmental specialty. As an example, APU offers graduate certificate programs in Environmental Hazard Mitigation and Restoration, Environmental Planning and Design, Environmental Risk Assessment, Environmental Sustainability, and Fish and Wildlife Management Global Environmental Management. Other schools offer similar on-line, open courseware (OCW) programs. See, for instance:

- ♦ Massachusetts Institute of Technology <u>http://ocw.mit.edu/courses/sloan-school-of-management/</u>
- New Jersey Institute of Technology <u>http://ocw.njit.edu/nce/</u>
- University of California Irvine <u>http://ocw.uci.edu/courses/</u>
- University of California Berkeley <u>http://webcast.berkeley.edu/</u>

Do not forget that environmental education includes more than just technical training. Attending a class in Ethics is required each year by the American Institute of Certified Planners, and by many other professional organizations. An Ethics class will be offered at the next NAEP conference in Tacoma on March 12, 2018. While such a course is not a requirement for CEPs, it is a good idea.

Regarding the second educational activity in the table, "Attend Conference," ABCEP recognizes, in the second exception to the "credit for hours worked" maxim, that some of the time that participants spend at conferences is not focused on professional development (oh, really?). Also, the amount of information learned in a conference setting is likely not as great as can be gained in a training course. For these reasons, only 50% of time is counted for conference attendance, up to the maximum shown. Many professional conferences now offer proceedings online or on compact disks, reducing the need for costly travel.

Although activities such as teaching a course, leading a webinar, or speaking at professional conference, or in contributing to help organize a webinar or conference involve education and conferences, this time should not be entered under education. Instead, account for these activities under one of the "professional contribution" categories discussed below.

Professional Contribution - Serving ABCEP

Your contribution to the profession is an important part of being a CEP. As a professional, you are expected to contribute what you learn to the benefit of others and the profession as a whole. There are no obstacles to gaining hours in this category of activities. Opportunities to contribute to the profession are everywhere, including, and especially, within the ABCEP organization. ABCEP grants hours in numerous ways, from participation in the administration of its programs to mentoring potential new applicants. **You can meet 40% of your annual requirement (16 hours) just by serving ABCEP.** CEPs benefit from serving ABCEP through exposure to and engagement with professional issues outside of the context of routine practice. Examples of just a few of the many ABCEP services in which you can engage include:

- Serve on the Board of Trustees. The Board is composed of twelve at-large elected CEP's in good standing, plus the director of the Certification Review Board (see below). Members of the Board of Trustees are elected to a three-year term of office and meet in person twice each year at various locations around the country. Through a committee management structure, Trustees conduct strategic planning, establish policy and procedures, prepare and implement plans and play an active role in building the success of ABCEP and its CEP Membership. New Board members are elected at each annual meeting, the next being March 11, 2018 in Tacoma.
- Serve as a member of the Certification Review Board. The Certification Review Board evaluates applications for the CEP, and implements requirements set forth in the ABCEP Procedures Manual. This is a very rewarding experience, enabling you to become familiar with a wide variety of environmental professionals who wish to become CEPs. If you have not served on this board, you should give it a try.

- Serve on an ABCEP committee. ABCEP has six standing committees: Membership Services, Pre CEP, Certification Review Board Oversight, Marketing/Recognition, Communications, and the Executive Team. Each committee has more than enough work for you to reach the 16 hour maximum. By joining one of these committees, you can meet other accomplished professionals and apply your special talents to the tasks that need to be completed.
- Contribute Article to ABCEP Newsletter. The ABCEP newsletter (see <u>http://www.abcep.org/blogs/newsletter</u>) is published every month or two. Contributions are sought each month, often based on an environmental theme. This is an opportunity for you to let everyone else know what you are doing in the field. You may also benefit professionally as other CEPs gain broader exposure to your work.
- Contribute Updates to ABCEP's Body of Knowledge (see http://www.abcep.org/certification/body-of-knowledge). ABCEP's Body of Knowledge lists educational disciplines, organizations, websites, journals, articles, books, and other information that forms the basis for demonstrating that an environmental professional is accomplished in this field and deserves to be certified as a CEP. Any CEP may suggest additions or edits to this Body of Knowledge. All such effort counts toward your annual goal.
- ➡ Staff ABCEP Booth at a Conference. ABCEP encourages CEPs to promote the ABCEP program. If you attend a conference, ABCEP will supply the banner and handouts, and will pay costs you incur if you obtain approval in advance. By providing a list of potential applicants that you meet to the ABCEP office, you will help expand both our brand recognition and our membership. You can start by joining other CEPs in Tacoma in 2018 and get credit for the hours you staff the ABCEP table!
- Contribute your project to the CEP-IN-ACTION PROGRAM (see http://www.abcep.org/blogs/cep-in-action). Getting to know each other is part of the fun of being a CEP. You can let others know who you are and what you are doing by submitting a profile of a project that you are working on to be posted on the abcep.org site. You also can gain hours in the process. How easy is that?
- Mentor a young professional. ABCEP has had great success with the CEP-in-Training (CEP-IT) program. Those individuals who are new to the environmental field are invariably excited to have a more senior practioner, a CEP, assigned as a mentor to help them. Mentors help CEP-ITs develop a formal Career Path and act as a career counselor when needed until the trainee achieves CEP status. Mentors are also assigned to help CEP applicants navigate through the application process. (The time you spend on mentoring staff in your own organization also counts, and should be added under "Serving Other Professional Organizations" see below).

To engage in any of these activities, indicate your interest by sending an email to ABCEPs Executive Administrator at office@abcep.org who will get you connected. You will soon be plugged in!

Professional Contribution - Serving Other Professional Organizations

The same types of services listed above are in demand by other organizations, and equally count toward your annual goal. For example, the National Association of Environmental Professionals solicits input for its newsletter and its peer reviewed journal Environmental Practice (see https://naep.memberclicks.net/publications-resources). Most CEPs agree, it is vital to one's career to be a member of at least one professional organization. Organizations exist for every conceivable career niche. Examples include: the American Chemical Society, American College of Toxicology, Association of Hazardous Materials Managers, Institute of Noise Control Engineers, Society of Architectural Historians, Society of Risk Analysis, Society of Wetland Scientists, and the Water Environment Federation (many more organizations are listed at http://www.abcep.org/certification/body-of-knowledge). Many of these organizations also have local chapters with multiple opportunities for serving as officers, organizing local conferences, and leading other tasks. Check out opportunities near you.

As shown in the Hours Limits Table [**see page 8**], you can also claim credit for hours spent publishing in a journal, teaching a course or seminar, presenting a paper at a conference, or mentoring someone in another environmental professional organization. In fact, **you can meet or exceed the entire 40 hour goal just by serving other professional organizations**. CEPs who serve other organizations get a chance to meet and speak with other professionals, and to publish in a variety of venues. All these activities contribute to the advancement of this profession and deservedly count appreciably toward your maintenance goal.

Final Steps

All CEPs should be updating activities on the ABCEP CEP Express website on a periodic basis during the year. Hopefully, if you have had any concern that you might have problems in obtaining the necessary hours you have already reached out to the ABCEP office or to a Board Member for assistance. The office and Board will help any ABCEP member find ways to meet the annual goal by offering ideas and potential assignments to task groups, committees, subcommittees, and other activities. Please view the ABCEP website to see what is going on, connect a Board Member if appropriate, and help yourself to the opportunities that are available. Of course, your maintenance renewal process is not complete until you also submit your payment (see the "Payment" tab at the top of the CEP Express Portal). **Payment must be <u>received</u> by January 31, 2018 if you want to avoid a late payment fee.** You cannot use the title of "CEP" if you have not submitted your maintenance hours and payment each year.

So, REMEMBER TO RENEW YOUR MEMBERSHIP!

Summary Checklist. Before the end of this calendar year you need to:

- Go to the Hours Details table, and add hours for your regular daytime work
- 🗸 Add hours for all your relevant extracurricular activities
- If you check and still find you are falling short, engage in one or more of the example activities discussed above, or contact the ABCEP office for assistance.
- After you enter your maintenance hours on the Hours Details table for 2017, certify that you have supporting documentation such as completion certificates by adding your initials under the "Certification" column. Your reported data are subject to random audit, so keep records that can verify your participation in the activities you list, in case you are asked.

Click on "Save Changes" on the top right side of the Hours Details table. You are now DONE!

The process described above shows that maintaining your CEP certification is not a difficult task, and is certainly a self -rewarding process, if you follow some basic steps. By recording more than 40 hours each year, you will provide yourself a buffer in case you encounter a year in which meeting this goal is more difficult. By engaging in one or more of the many professional development educational opportunities that are available, you will maintain your knowledge in this ever-changing field and will grow as a professional. And finally, by reaching out to the community and contributing your knowledge, you will both enjoy the experience and will make the world a better place. As a final step, if you still find yourself coming up short of the 40-hour goal, you can contact the ABCEP office (http://dev.abcep.org/index.php/contact), myself, or any ABCEP Board Member for suggestions. (If you do so, be ready, because you are likely to be put to work immediately!) All of the activities in which you engage help both you and this world we live in. So, don't procrastinate.

Log on to CEP-EXPRESS today and take credit for all your hard work!

Author - Richard Burke, CEP; Member of the Board of Trustees of the Academy of Board Certified Environmental Professionals. Richard has achieved more than 35 years of experience managing transportation-related environmental planning, permitting, and compliance practices, and in serving major clients in the capacity of technical, project, and program management. Richard may be contacted at rburke@trcsolutions.com.

Hours Limit Table

Activity	Hours Formula	Max Hours
Employment - Full Time		20
Employment - Part Time	1% of hours worked	20
Support ABCEP - Trustee	Hours worked	16
Support ABCEP - Cert Review Board	Hours worked	16
Support ABCEP - Mentor	Hours worked	16
Support ABCEP - Other	Hours worked	16
Education - Attend Accredited Seminar/Course	100% of hours attended	18
Education - Attend Conference	50% of hours attended	12
Serve Pro-Organizations - Serve an Organization	Hours worked	16
Serve Pro-Organizations - Publish in a Journal	Hours worked	12
Serve Pro-Organizations - Teach Course/Seminar	Hours worked	6
Serve Pro-Organizations - Present Paper at Conference	Hours worked	6
Serve Pro-Organizations - Mentor	50% of hours worked	4
Certified this year		0

KEEP STRONG AND MAINTAIN ON



Log on to CEP-EXPRESS today and take credit for all your hard work!

2017 Year in Review

Membership

311 [total, including 28 Emeritus, 12 by Eminence]

208 CEPs / 63 CEP-ITs

[members have renewed for 2018]

CEP by Eminence

17 applications received; 2 approved; none denied





The Certified Environmental Professional

The ABCEP Newsletter is published bi-monthly and is intended to be a:

- Communication vehicle for the Board of Trustees and ABCEP Committees to inform and engage with CEPs and CEP-ITs on current activities within ABCEP and its future direction.
- Forum to report on current and emerging environmental issues, regulation and policy changes, and professional trends.
- Forum to provide professional guidance and advice to expand the professional growth and knowledge of members.
- Means for members to communicate with one another on current accomplishments, interesting projects, or lessons learned on the job with new approaches and successful problem solving solutions.
- Platform to acknowledge, highlight, and welcome active CEPs and CEP-ITs.

All members are encouraged to be active in their profession and affiliated professional organization.

If you have an article or a topic of interest that you would like presented in *The Certified Environmental Professional* newsletter please submit your completed article or topic request to Shari Cannon-Mackey, CEP ENV SP, at scannonmackey@burnsmcd.com; or to Andrea Bower at office@abcep.org .

Thank you,

Shari Cannon-Mackey, CEP, ENV SP Editor

> What are CEPs and CEP-ITs doing in your area? Let us know - no event is too small nor too big! Send your photos and descriptions to Shari Cannon-Mackey at scannonmackey@burnsmcd.com