

## **ASSOCIATIONS' SUSTAINABILITY RESOURCES (under construction – check back for additional updates)**

### **American Association of Colleges for Teacher Education**

Contact: Mary Harrill-McClellan

An [Education for Sustainability Special Study Group \(EFS SSG\)](#) was approved by the AACTE board in September, 2010. Over 40 teacher education faculty from around the country have joined the new SSG which provides a forum for teacher educators interested in integrating sustainability into the pre-service and on-going professional development of preK-12 teachers.

### **American Association of Community Colleges**

Contact: Jen Worth

Launched the SEED Center ([www.theseedcenter.org](http://www.theseedcenter.org)) to provide a resource center and online sharing environment for community colleges to help build the green economy. Over 400 vetted resources in solar, wind, green building, energy efficiency, fuel and food as well as sustainability education in general

### **American Association of School Administrators**

Contact: MaryAnn Jobe

### **American Federation of Teachers, AFL-CIO**

Contact: Jessie Hogue-Morgenstern, Darryl Alexander, Tish Olshefski

AFT (<http://www.aft.org>) works with the Blue Green Alliance (a coalition of labor unions and environmental organizations) to promote preparing young people to participate in a green economy. The BGA has a policy paper on environmental education and sustainability education which the AFT helped develop.

AFT has produced a series of publications, "Building Minds, Minding Buildings" that describe the promise of sustainability in green schools and green practices in schools.

<http://www.aft.org/issues/healthsafety/buildingminds/index.cfm>

### **American Society for Engineering Education**

Contact: Bill Kelly

10xE (a.k.a Factor-Ten Engineering) is a project of Rocky Mountain Institute, which aims to help engineers, architects and their clients attack resource-intensive design problems such as manufacturing processes, buildings and vehicles using RMI's whole-system principles, in order to produce fundamentally better results. 10xE currently offers design principles and a growing set of case studies - many of them derived from Rocky Mountain Institute's experience base.

[Factor Ten Engineering Design Principles](#)

Factor Ten Engineering Case Studies

[Autodesk AEC Headquarters and Integrated Project Design](#)  
[Factor Ten Engineering Website](#)

American Society for Engineering Education:  
[Board of Directors Sustainability Statement](#)  
[Statement of Sustainability](#)

American Society of Civil Engineers:  
[ASCE Committee on Sustainability](#)  
[Education for Professional Practice](#)  
[Policy Statement 418 - The Role of the Civil Engineer in Sustainable Development](#)  
[Civil Engineering and Sustainability Resources](#)  
[Sustainability Resources](#)  
[Developing e-Learning Materials for Sustainable Construction Management](#)  
[Sustainability in engineering educational materials database](#)  
[Syllabi about sustainability in engineering](#)

**Association for Career and Technical Education**

Contact: Janet Bray, Steve DeWitt

Resources on green jobs, professional development, teaching resources, sustainability research and going green at <http://actonline.org/sustainability.aspx>.

Lesson plan library at <http://www.actonline.org/resources.aspx>

**Campaign for Environmental Literacy**

Contact: Jim Elder

<http://www.ed.gov/news/press-releases/department-education-starts-award-green-schools>

<http://www.ed.gov/blog/2011/05/green-ribbon-school-resources/>

**National Association of Independent Schools (NAIS)**

Contact: Jefferson Burnett

The National Association of Independent Schools ([www.nais.org/go/green](http://www.nais.org/go/green)), which represents approximately 1,400 private, independent schools, encourages its members to work toward environmental sustainability by becoming more green, reducing school and personal carbon footprints, promoting a commitment to life-long environmental responsibility, and incorporating environmental education into the curriculum. NAIS provides a variety of resources to help its schools become more sustainable.

[Green Construction and Renovations](#)  
[How to Build and Run a Sustainable Dining Program](#)  
[How to Implement a Campus Biodiesel Program](#)

## **National Association of State Directors of Career Technical Education Consortium (NASDCTEc)**

**Contact:** Dean Folkers

NASDCTEc, [www.careertech.org](http://www.careertech.org), was established in 1920 to represent the state and territory heads of secondary, postsecondary and adult career technical education (CTE) across the nation. NASDCTEc, through leadership, advocacy and partnerships, aims to support an innovative CTE system that prepares individuals to succeed in education and their careers, and poises the United States to flourish in a global, dynamic economy.

### **Information and Resources**

NASDCTEc provides members and the CTE community with vital tools, resources and timely information required to support high-quality CTE. We also host a range of events, and provide timely information and resources throughout the year to serve the CTE community. NASDCTEc news, views, and events keep CTE interests on the forefront in Washington D.C. and across the nation.

### **Career Clusters™ and Programs of Study**

In cooperation with the National Career Technical Education Foundation (NCTEF), NASDCTEc provides leadership and support for the National Career Clusters™ Framework to deliver high-quality CTE programs through improved curriculum design and instruction. The ultimate goal: To elevate student success in college and career while strengthening the economy and driving America's competitiveness worldwide. A US Department of Education funded project focused on creating Green/Sustainability Standards in six industry sector areas. The work is currently under industry validation and is scheduled to be released in June 2012.

NASDCTEc has a growing membership who shares the CTE State Directors' CTE vision and commitment to quality education at the secondary, post secondary and adult levels.

### **National Council for Social Studies , Environment and Sustainability Education Community**

Contact: Bethany Vosburg-Bluem - [vosburg-bluem.1@buckeyemail.osu.edu](mailto:vosburg-bluem.1@buckeyemail.osu.edu)/ Steve Lapham

### **National Science Teachers Association**

Contacts: Francis Eberle, [feberle@nsta.org](mailto:feberle@nsta.org) & Christine Gregory, [cgregory@nsta.org](mailto:cgregory@nsta.org)

The National Science Teachers Association (NSTA), [www.nsta.org/green](http://www.nsta.org/green), provides a variety of sustainability resources to its 60,000 members that include science teachers, science supervisors, administrators, scientists, business and industry representatives, and others involved in and committed to science education.

The Learning Center

- NSTA promotes online and distance learning through the Learning Center, NSTA's e-professional development (PD) portal. The following Learning Center links provide resources on sustainability:

<http://learningcenter.nsta.org/search.aspx?action=quicksearch&text=sustainability>

<http://learningcenter.nsta.org/search.aspx?action=quicksearch&text=green>

#### NSTA Member Journals

NSTA publishes peer-reviewed journals that are available to NSTA members. Three journals – Science Scope, The Science Teacher, and Science & Children - feature columns related to sustainability:

- Science Scope features a column called Green Science that focuses on green and sustainable science. It is published 4-5 times a year. Past columns are available at the link below:

[http://www.nsta.org/publications/search\\_journals.aspx?keyword=green%20science&journal=SS](http://www.nsta.org/publications/search_journals.aspx?keyword=green%20science&journal=SS)

- The Science Teacher had an entire issue devoted to “Going Green” in February 2010. TST also publishes a regular column called “The Green Room,” which aims to make science teaching more environmentally friendly. Past columns can be found here:

[http://www.nsta.org/publications/search\\_journals.aspx?keyword=The%20Green%20Room&journal=TST](http://www.nsta.org/publications/search_journals.aspx?keyword=The%20Green%20Room&journal=TST)

- Science & Children publishes feature articles related to environmental issues and contains a column every other month called Natural Resources (“Bring the outdoors into your curriculum”). Past columns are available at the link below:

[http://www.nsta.org/publications/search\\_journals.aspx?keyword=natural%20resources&journal=SC](http://www.nsta.org/publications/search_journals.aspx?keyword=natural%20resources&journal=SC)

#### **North American Association for Environmental Educators, Sustainability Education Special Interest Group**

Contacts: Thomas (TJ) Eaton, [teatmon@allegheny.edu](mailto:teatmon@allegheny.edu) & Tiffany Tillman, [ttillman@shelburnefarms.org](mailto:ttillman@shelburnefarms.org)

Environmental education (EE) teaches children and adults how to learn about and investigate their environment, and to make intelligent, informed decisions about how they can take care of it. The North American Association for Environmental Education advances environmental education and supports environmental educators in Canada, the United States, and Mexico. The association supports EFS by; links on their website, publications, resources, a certification and at their annual conference via strands, sessions and in the practical ways it reduces its ecological footprint of the entire event.

<http://www.naaee.net/>

Key EFS links include:

More than a searchable catalog of internet links about environmental education, EElinked is a global community of environmental educators. Here you can easily find and download EE materials, post your own content, ask questions, share lesson plans and resources, and find and collaborate with partners.

<http://eelinked.naaee.net/>

On this link <http://www.naaee.net/conference> you can find the current EFS efforts at NAAEE's annual conference.

Need to know how to create EE activities that show people how to become environmentally responsible?  
Need to figure out what evaluation method will help you determine how to make your program more effective? This link gives you the targeted information you need to be a better environmental educator.  
<http://www.naaee.net/publications>

NAAEE (<http://www.naaee.net/programs/certification>), its state affiliates, and other partners are collaborating to create a certification program for environmental educators. A number of U.S. states now have active programs that are certifying environmental educators, and more states are working on developing a program. While each Certifying Agent administers its program differently, they have in common a set of "core competencies" for demonstrating proficiency in EE. These core competencies were developed out of NAAEE's Guidelines for the Preparation and Professional Development of Environmental Educators. Candidates for certification also must understand and agree to uphold high ethical standards in the practice of EE.

### **U.S. Partnership for Education for Sustainable Development, K12NANS**

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### **AFFILIATE RESOURCES**

#### **Afterschool Alliance**

Contact: Erik Peterson

#### **National Green Schools Network**

Contact: Jennifer Seydel