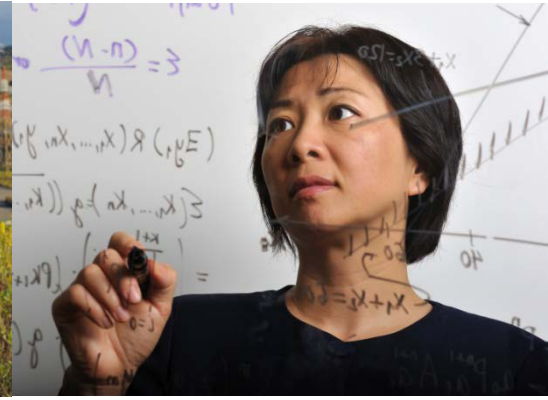
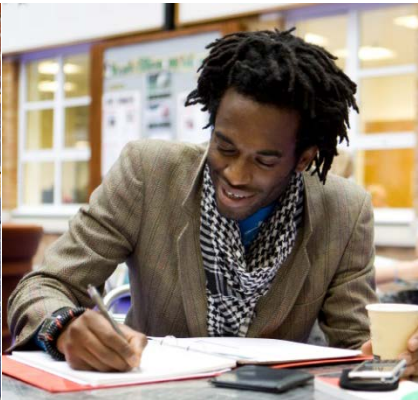


American Association of Community Colleges' SEED Center: Sustainability Education and Economic Development



Updates and Resources for You: SEED's Action Community to Grow Green Jobs



Debra Rowe, Ph.D.
Coordinator

Action Community to Grow Green Jobs
Through Policy and Civic Engagement

Chair

Technical Advisory Groups

American Association of Community Colleges SEED Initiative
President

U.S. Partnership for Education for Sustainable Development



- Part I Partner organizations
- Part II What is Happening
- Part III Resources and Opportunities for You!
- Part IV Q and A



Partner organizations and Collaborations:



Partial List

- HEASC,
- DANS,
- SISL,
- ACUPCC,
- Democracy Commitment,
- U.S. Green Ribbon Schools,
- U.S. Dept of Ed and NASDCTEC
- NWF and JFF.



HIGHER EDUCATION ASSOCIATIONS
SUSTAINABILITY CONSORTIUM

*Committed to the advancement of
sustainability throughout higher education*



Higher Education Associations Sustainability Consortium www.aashe.org/heasc

1. Presidents
2. Academic Officers
3. Student Affairs
4. Campus Activities
5. Facilities
6. Business Officers
7. Purchasers
8. Others...

Using the community as a living lab for sustainability!



The Disciplinary Associations Network for Sustainability

www.aashe.org/dans - click on Resources

- ACTE
- AACC
- American Psychological Association
- Sociology
- Religion
- Philosophy
- Math
- Broadcasting
- Architecture
- Engineering (civil, mechanical, eng. ed.)
- Business
- Communications
- Ecological Economics
- Chemistry
- Biology
- American Association for the Advancement of Science
- Computer Research
- Humanities
- STEM disciplines
- Political Science
- Anthropology
- More... over 36 associations



U.S. Department of Education's SISL initiative

Sustainability Improves Student Learning –
STEM and other disciplines –

<http://www.aacu.org/pkal/disciplinarysocietypartnerships/sisl/index.cfm>

Policy project



Initial Society Partners

[American Association of Physics Teachers \(AAPT\)](#)

[American Chemical Society \(ACS\)](#)

[American Institute of Biological Sciences \(AIBS\)](#)

[American Psychological Association \(APA\)](#)

[American Society for Engineering Education \(ASEE\)](#)

[Association for Career and Technical Education \(ACTE\)](#)

[Mathematical Association of America \(MAA\)](#)

[National Association of Biology Teachers \(NABT\)](#)

[National Association of Geoscience Teachers \(NAGT\)](#)

[National Numeracy Network \(NNN\)](#)

[Special Interest Group on Computer Science Education \(SIGCSE\)](#)





The American College & University Presidents' Climate Commitment

Climate Leadership in Higher Education

Over 650 presidents in all 50 states

*Pledging that all students are literate about
our sustainability challenges and able to
engage in solutions*

www.presidentsclimatecommitment.org



Key Government Initiatives we are working with

1) **Green Ribbon Schools – over 30 states participating** - curricular and civic engagement component

2) U.S. Department of Ed funded:

Standards in green and sustainability for career and technical education, distributed by the National Association of State Directors of Career and Tech Ed <http://www.careertech.org/career-clusters/green/>

Overarching standards for all academic areas - http://www.careertech.org/file_download/21101092-6b5e-422a-b06c-e917bf7e6a85



GREEN/SUSTAINABILITY STANDARDS: KNOWLEDGE AND SKILL STATEMENTS

- Manufacturing
- Agriculture, Food, & Natural Resources
- Science, Technology, Engineering & Mathematics
- Architecture & Construction
- Transportation, Distribution & Logistics
- Information Technology
- **All Career Clusters™**

SEED is...

*466 colleges
and
growing...*

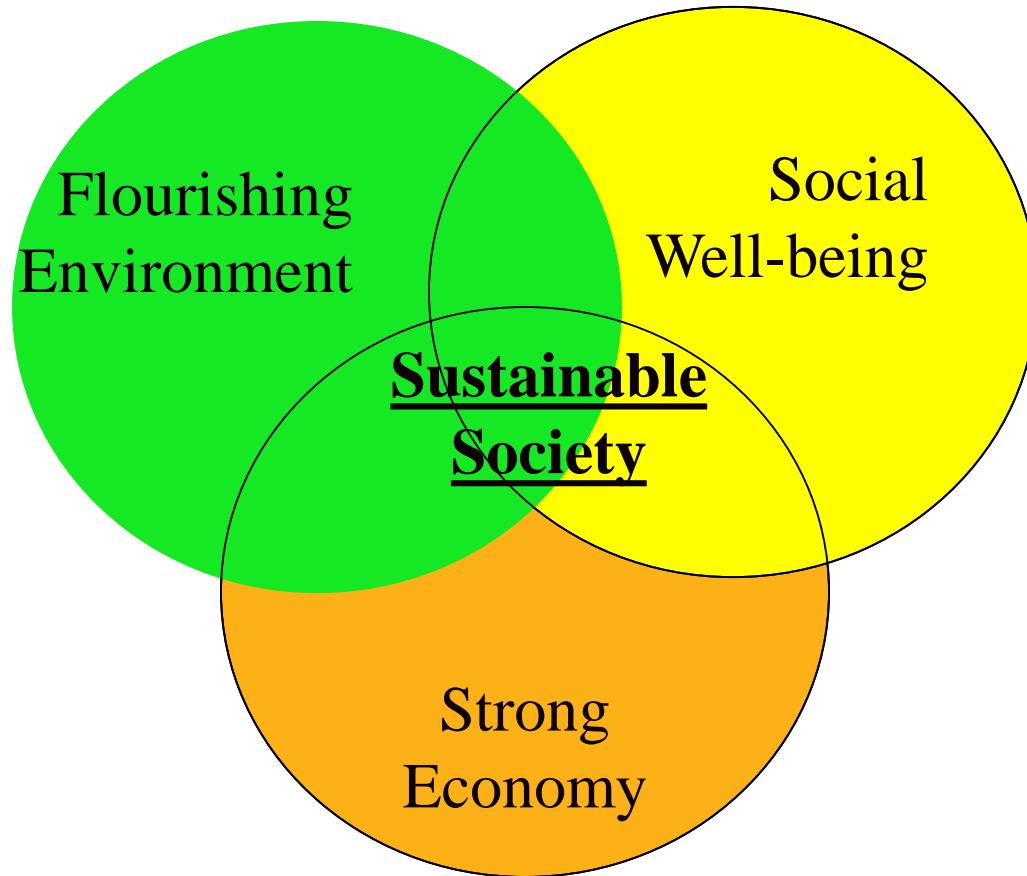


**Leadership
Initiative**

Resource Center
www.theseedcenter.org



**Sharing
Community**



Triple Bottom Line of Sustainability

Ecosystem

Ecosystem

Sustainable Communities

Public Choices and Behaviors-Laws

**Applied Knowledge/
Technological Skills**

Private Choices and Behaviors-Habits

Sustainable Economies

Ecosystem

Ecosystem



Why green and sustainability policy issues are so important

**Our decisions will create:
more scarcity and human suffering,
or a future of greater abundance and
higher quality of life**



Updates on actions to grow green jobs

- **Pedagogies starter kit on SERC re: civic engagement**
- **Upcoming Green Jobs Policy oriented conference with NWF and JFF to help recapture the media frame on the green economy**
- **Identification of key issues we can impact from NRDC, NACUBO and USGBC – listed on the Action Community page of SEED**
- **Pilot with IGEN and the IL Higher Ed group working with the governor on policy – creating letters and talking points for presidents/governmental relations, learning activities for faculty**



Resources for You: Background Reading

Plan B: Mobilizing to Save Civilization

by **Lester Brown**, founder of Worldwatch Institute

Explains how to get to sustainable clean energy solutions, sustainable practices and policies, poverty reduction, and economic health, and what each of us can/needs to do

Downloadable at www.earth-policy.org

Great sections to include in any course – actions near the end

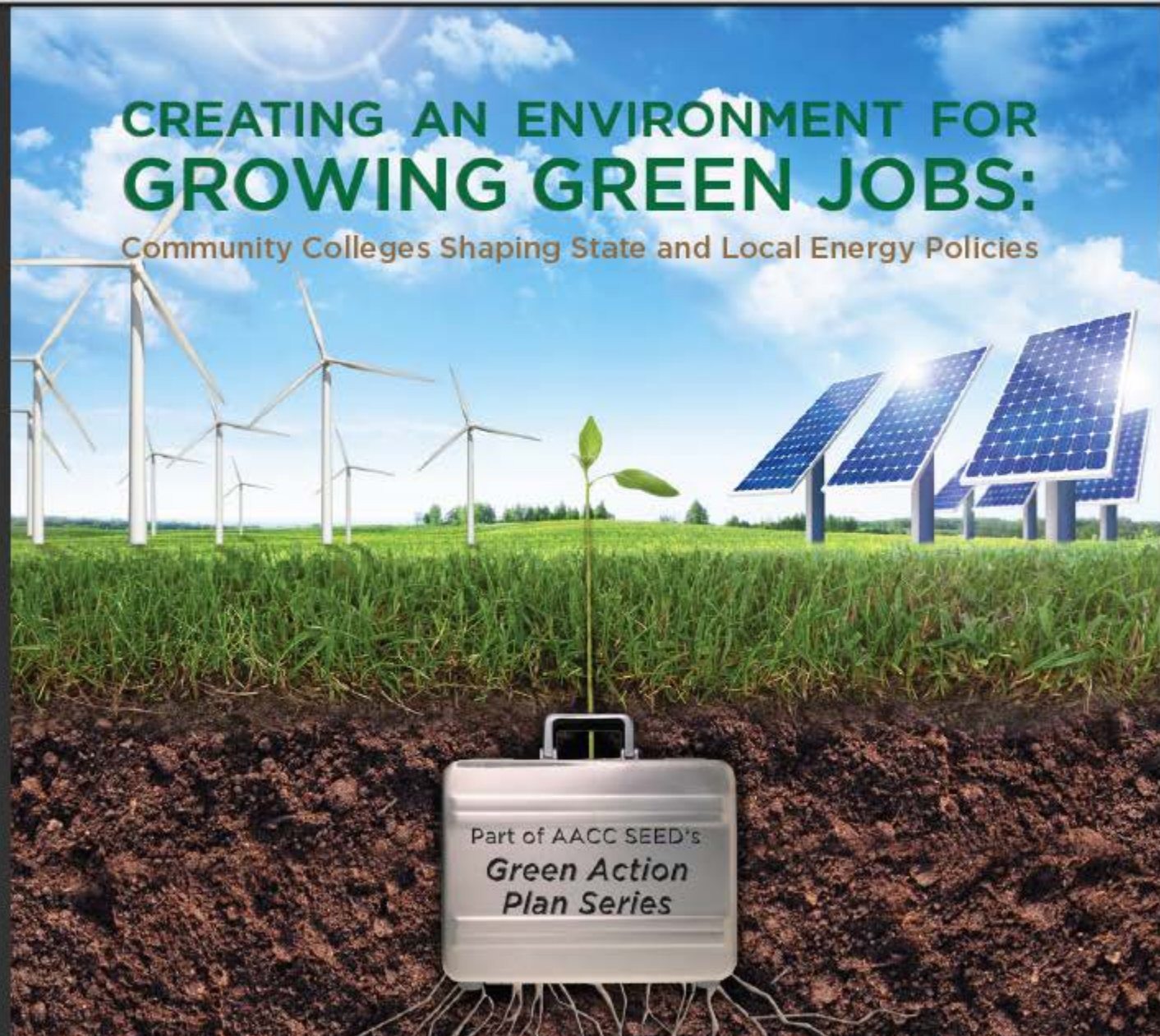
Resources and opportunities for you!



1. Toolkit - <http://theseedcenter.org/Resources/SEED-Resources/AACC-s-SEED-Green-Action-Plan-Series/AACC-SEED-Policy-Action-Plan.pdf>
2. Democracy Commitment-
http://thedemocracycommitment.files.wordpress.com/2011/12/legal_size_declaration_hr3.pdf and
<http://thedemocracycommitment.files.wordpress.com/2012/01/kettering-ronan-interview1.pdf>
3. 10/25 Webinar to increase enrollment and grow green businesses - <http://online.nwf.org/site/Calendar?id=106322&view=Detail>
4. USGBC Campaigns — www.usgbc.org/campaigns
5. Action Community page on SEED, including high impact opportunities (e.g. PACE, labeling buildings) -
<http://theseedcenter.org/Special-Pages/Action-Community--Policy-and-Civic-Engagement-for>
6. SERC collections - <http://serc.carleton.edu/index.html>
7. Upcoming webinar January with IGEN on civic engagement learning activities – watch for the announcement!!

CREATING AN ENVIRONMENT FOR GROWING GREEN JOBS:

Community Colleges Shaping State and Local Energy Policies



Part of AACC SEED's
**Green Action
Plan Series**



Challenges and Answers

Challenges

- Already busy
- Don't know this "stuff"

Answers

- Don't have to know the answers. Just facilitate the process.
- Civic engagement for a strong democracy is everyone's job!
- You have an important role to play.



The Power of What You Do

- *We can choose a sustainable future*





Congratulations for all you
have done.

Congratulations for all you will do in the
future.

For more information,
contact Debra Rowe at dgrowe@oaklandcc.edu

Discussion – Q and A