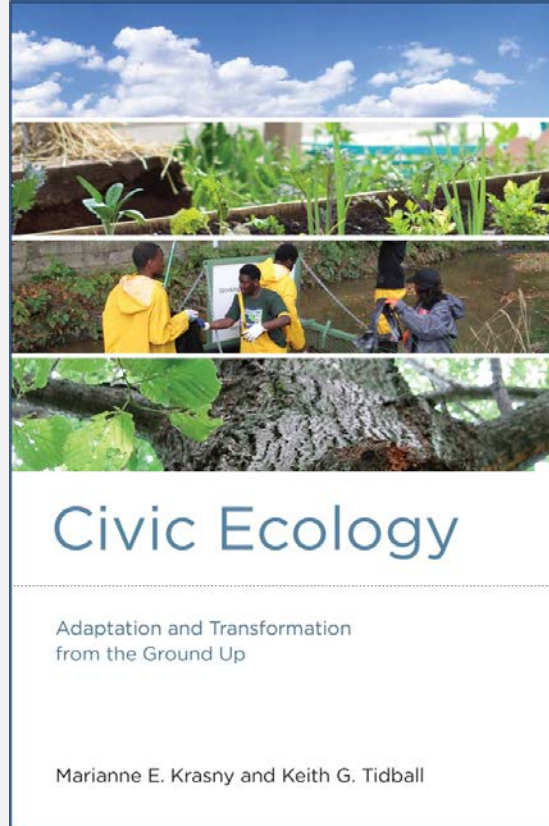


Civic Ecology



ANACOSTIA PARK &
COMMUNITY
COLLABORATIVE



Marianne Krasny
Cornell University
12 February, 2020

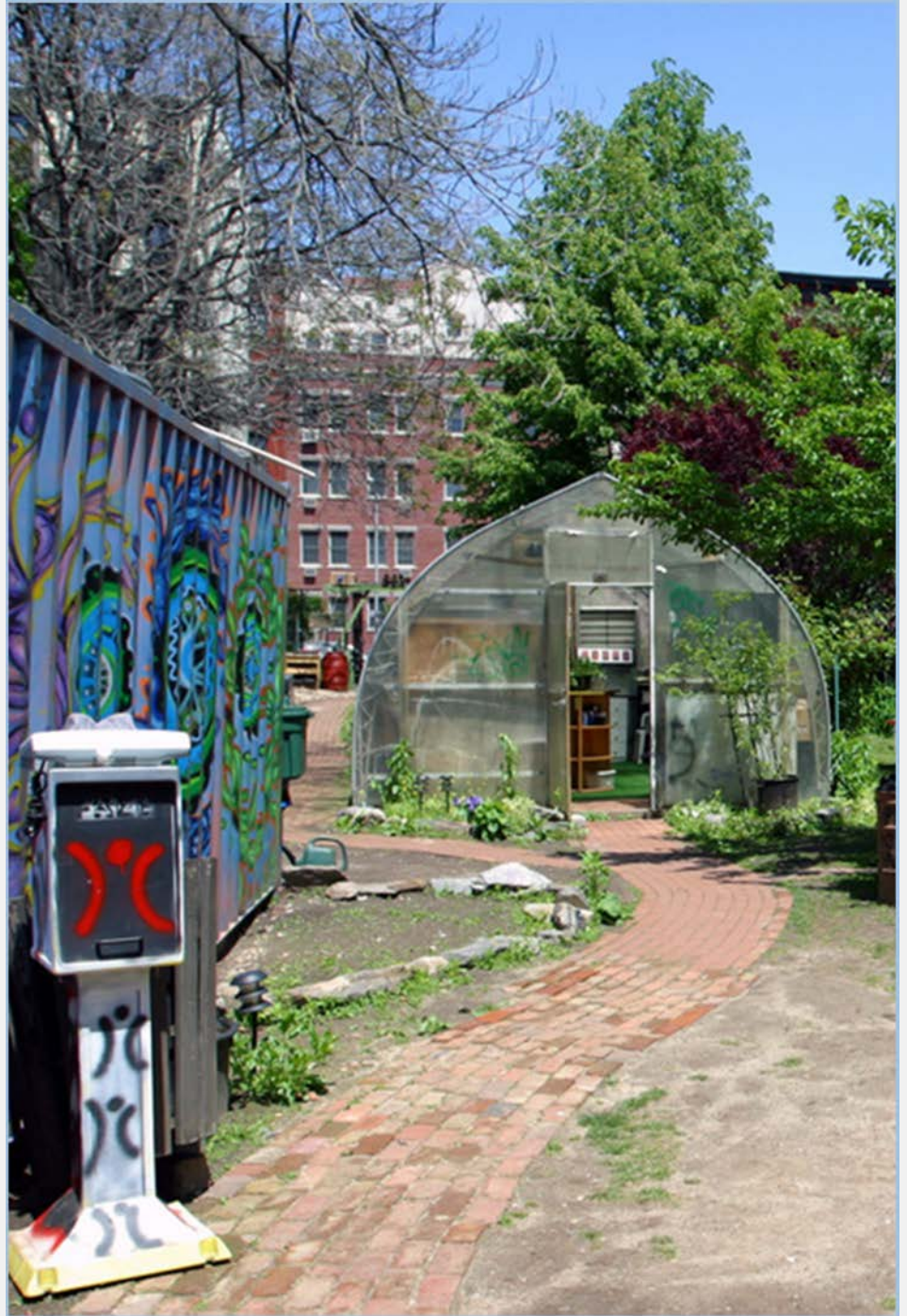
civicecology.org



Cornell University

Civic Ecology

Origin Story





<https://www.google.com/maps/@40.7291502,-73.9835291,3a,75y,30.94h,106.13t/data=!3m6!1e1!3m4!1ss60ST2HoWtxAuwPCbpkNkw!2e0!7i13312!8i6656!6m1!1e1>



Photo: A Russ



Photo: <http://2.bp.blogspot.com/-A0jE8RcinAQ/VRyoJ4L3hpl/AAAAAAAAAJY/Wh4by2t5qhA/s1600/Bantu%2Bwoman.jpg>

September 11, 2001
We will never forget

*Dedicated by the employees of Capital BlueCross
September 11, 2007*



Capital BlueCross



http://www.history.com/s3static/video-thumbnails/AETN-History_Prod/73/952/History_Speeches_6009_Hurricane_Katrina_Destruction_still_624x352.jpg



Photo: K Tridball, Civic Ecology Lab, Cornell

I AM COMING HOME!
I WILL REBUILD!
I AM NEW ORLEANS!

Liberty Bank Liberty Bank



ROOTS RUN
DEEP HERE

Photos: K Tidball, Civic Ecology Lab, Cornell



Photos: K Tidball, Civic Ecology Lab, Cornell

Civic Ecology Practice

local environmental stewardship actions

to enhance

green infrastructure

and

community well-being

**in cities and other human-dominated
systems**

Civic + Ecology





Photos: A Russ, M Whitmore, S Deen, Rocking the Boat, M Krasny



Photos: A Russ, M Whitmore, S Deen, Rocking the Boat, M Krasny



Photos: A Russ, M Whitmore, S Deen, Rocking the Boat, M Krasny



Photos: A Russ, M Whitmore, S Deen, Rocking the Boat, M Krasny



Photo: Kirk Crippens, Insight Garden Program



Photos: A Russ, M Whitmore, S Deen, Rocking the Boat, M Krasny



Photos: Sherry Wang



Photos: NOAA

Civic Ecology

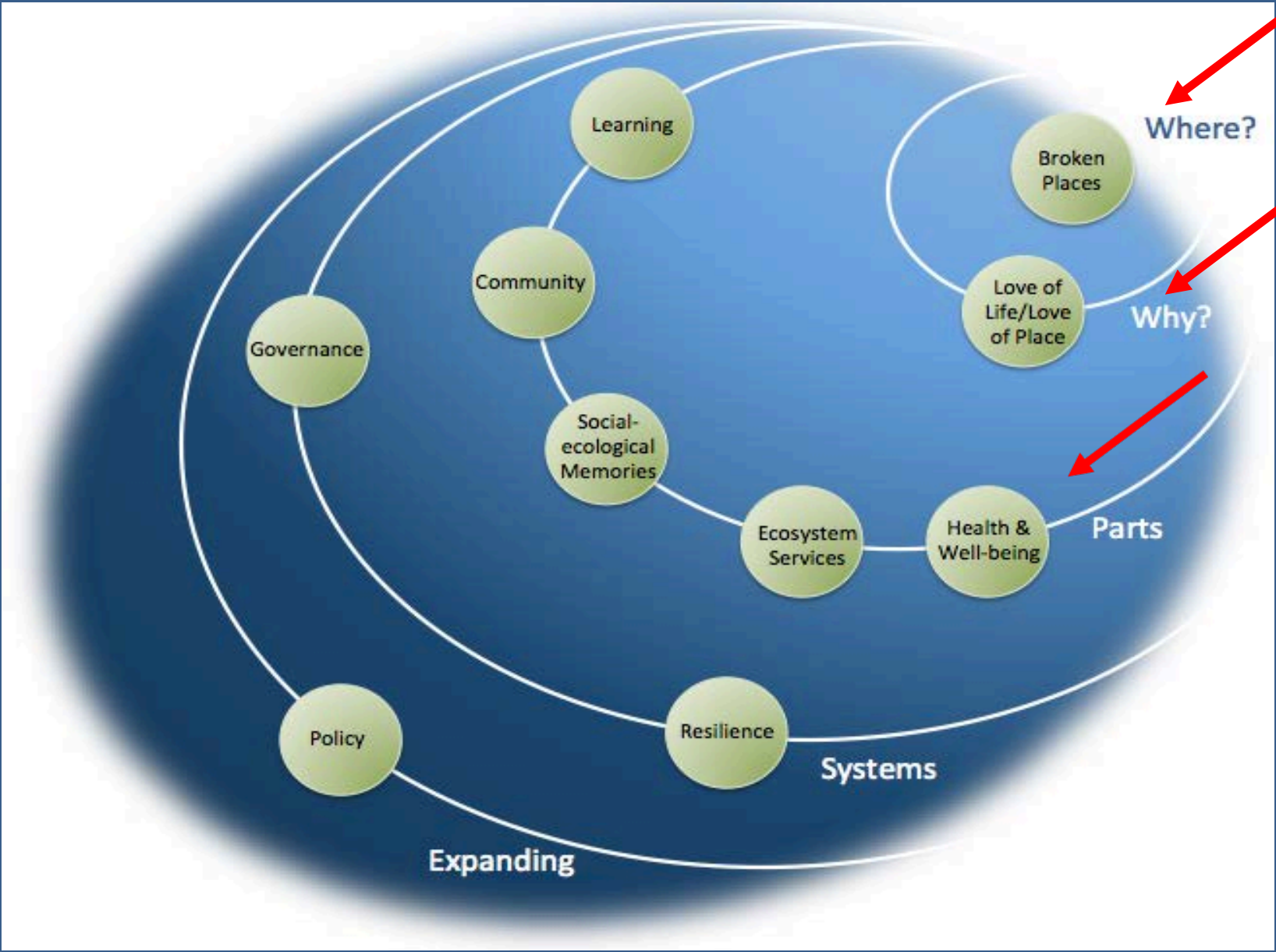
field of interdisciplinary study
concerned with
individual, community, and
environmental outcomes of
community-based environmental
stewardship practices,
and the interactions of such
practices with the people and other
organisms, communities,
governance institutions, and
ecosystems in which they take place



Civic Ecology: 10 Principles



Where and Why?



Civic ecology practices emerge in *broken places*.



SPENCER PLATT/GETTY IMAGES

Photo: Landslides

Because of their *love for life* and *love for the places* they have lost, civic ecology stewards defy, reclaim and re-create these broken places.



Photos: Greening of Detroit, B DuBois, Forest for Life

In re-creating place, civic ecology practices re-create *community*.



Civic ecology stewards draw on *social-ecological memories* to re-create places and communities.



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Civic ecology stewards draw on *social-ecological memories* to re-create places and communities.

“We used to have the largest population of oysters, and we no longer have that. To me, that's almost like cutting out the liver from the human. And if we can rejuvenate the oyster population...and bring back some life to the East River, then I think that says a lot for our own population”



http://www.inlandbays.org/wp-content/images/oyster_gardener_large.jpg

Krasny, ME, SR Crestol, KG Tidball, and RC Stedman. 2014. *New York City's oyster gardeners: Memories and meanings as motivations of volunteer environmental stewards.* Landscape and Urban Planning. 132: 16-25

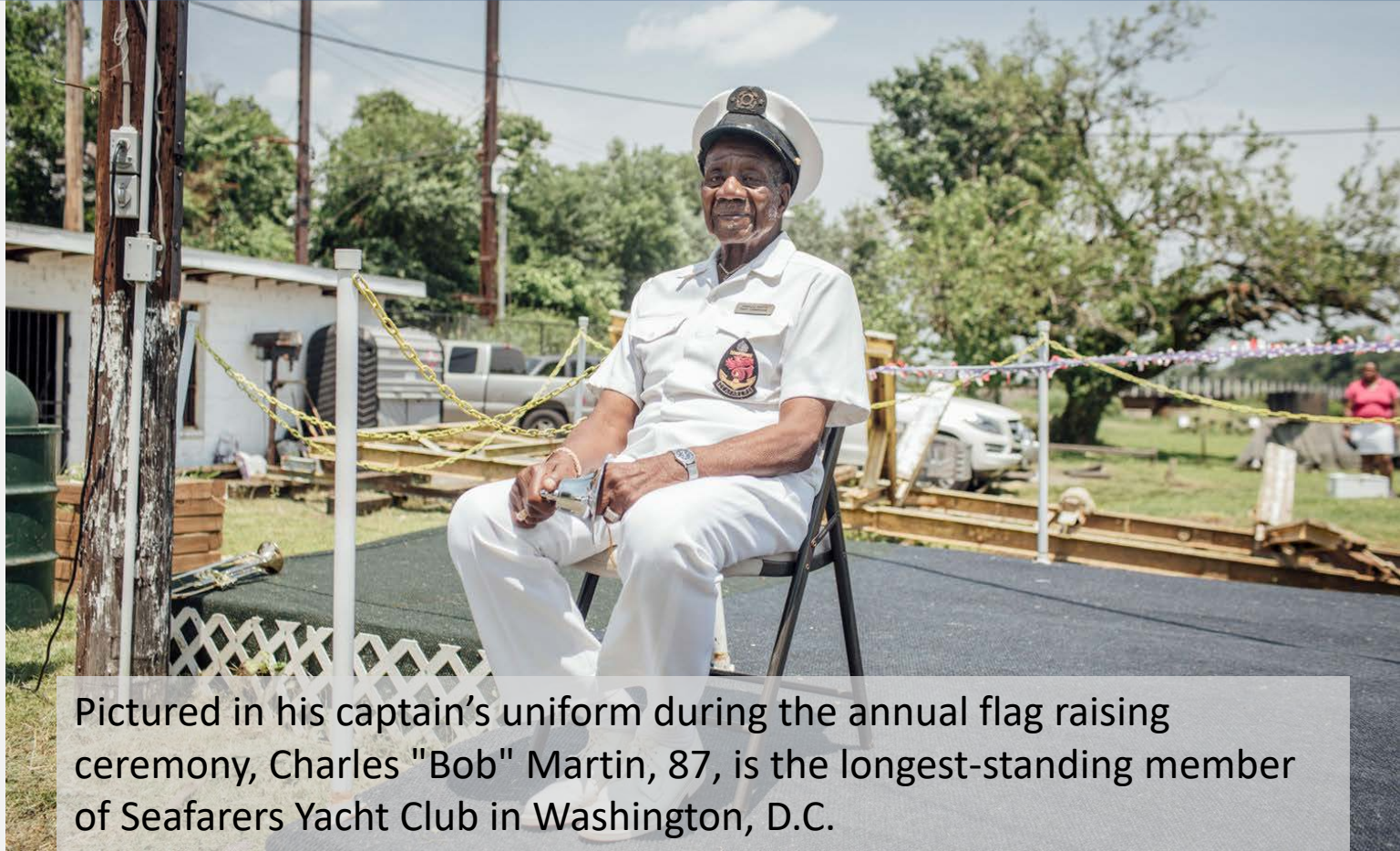
Civic ecology stewards draw on *social-ecological memories* to re-create places and communities.

In chat box...

Can you think of any social-ecological memories people may be restoring along the Anacostia River?



Anacostia social-ecological memories



Pictured in his captain's uniform during the annual flag raising ceremony, Charles "Bob" Martin, 87, is the longest-standing member of Seafarers Yacht Club in Washington, D.C.

Seafarers Yacht Club

Founded in 1945, Washington, D.C.'s Seafarers Yacht Club is one of the oldest black boating organizations in the country.

Anacostia social-ecological memories



<https://www.beckyharlan.com/seafarers-yacht-club>

This is everyone's Shangri-La ... Once you find Seafarers, it seems like you might want to be a part of Seafarers. Just being by the water. Just being around people ... somebody that looks like you."

— Cornell Brown, Seafarers Captain

Civic ecology practices provide *ecosystem services*.



Civic ecology practices foster *well-being*.



Civic ecology practices foster *well-being*.

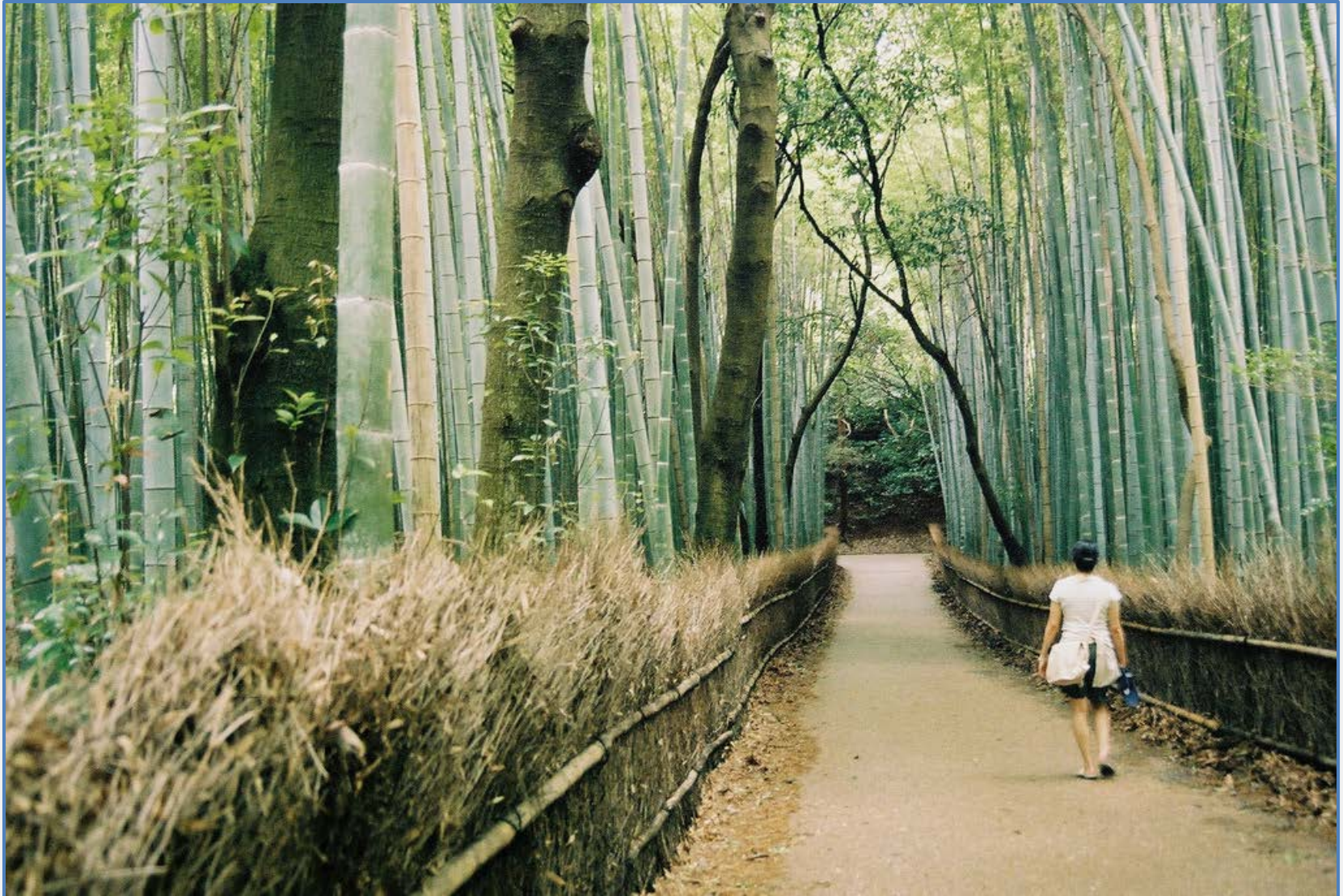
“I said to my son, ‘I’m not leaving you anything in my will, I’m leaving you a better environment.’”

(Australian stewardship volunteer)

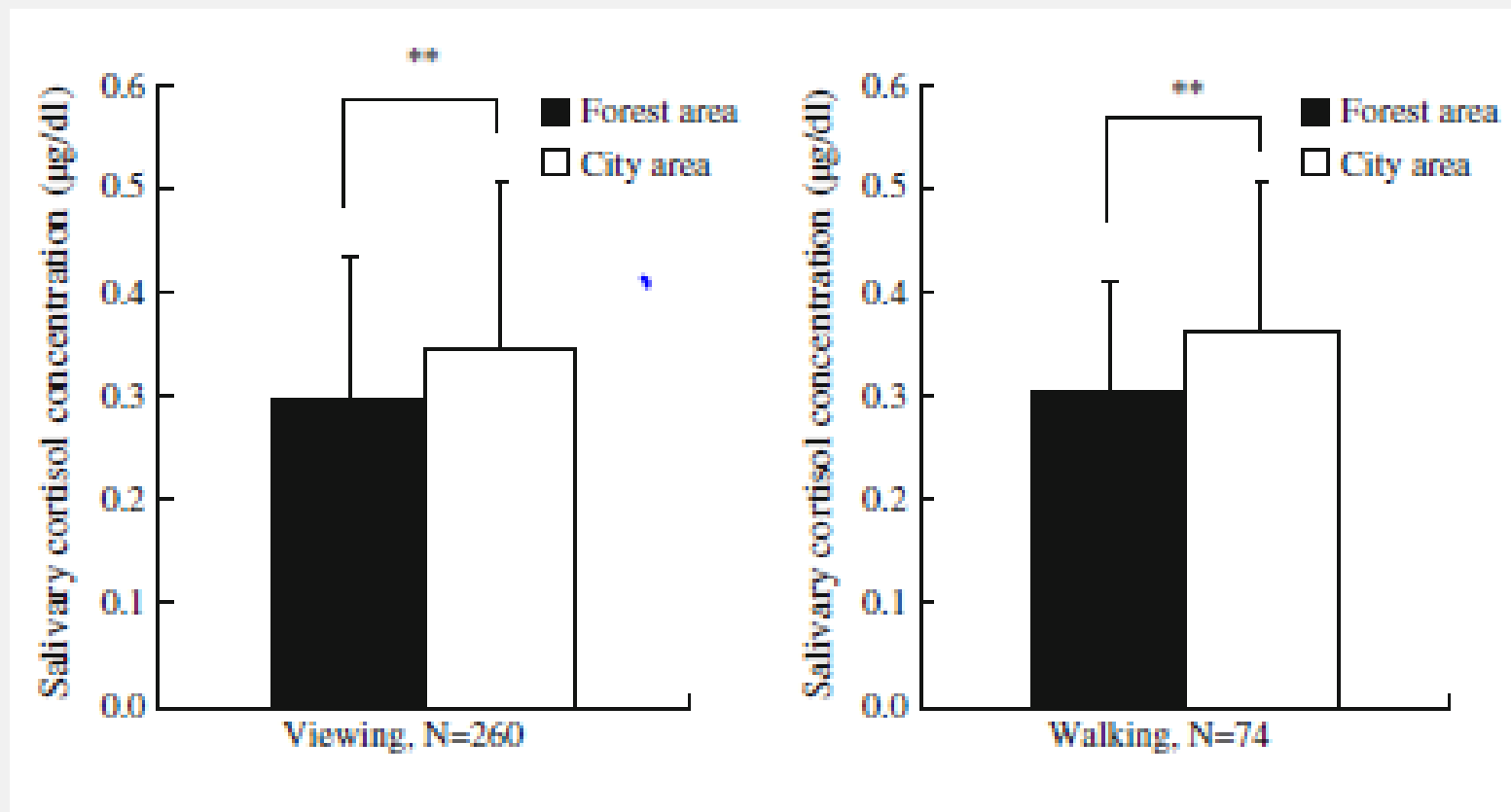


Warburton, J., and M. Gooch. 2007. *Stewardship volunteering by older Australians: the generative response*. *Local Environment* **12**:43-55.

Civic ecology practices foster *well-being*.

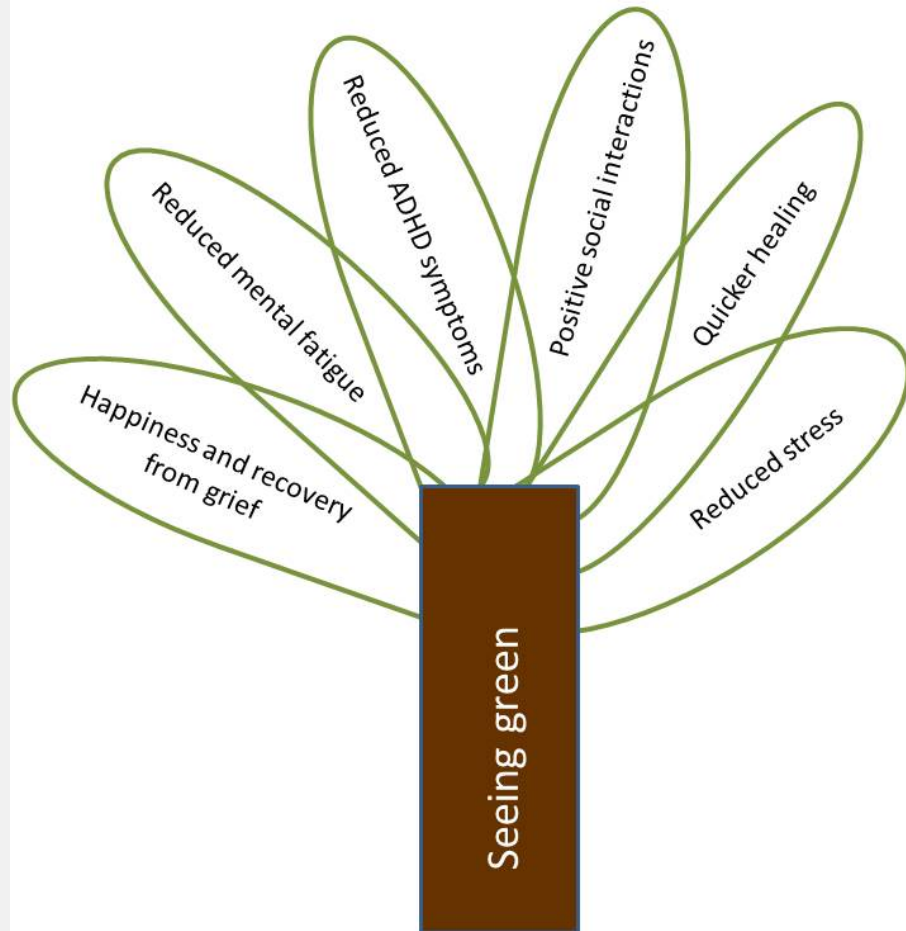


Civic ecology practices foster *well-being*.

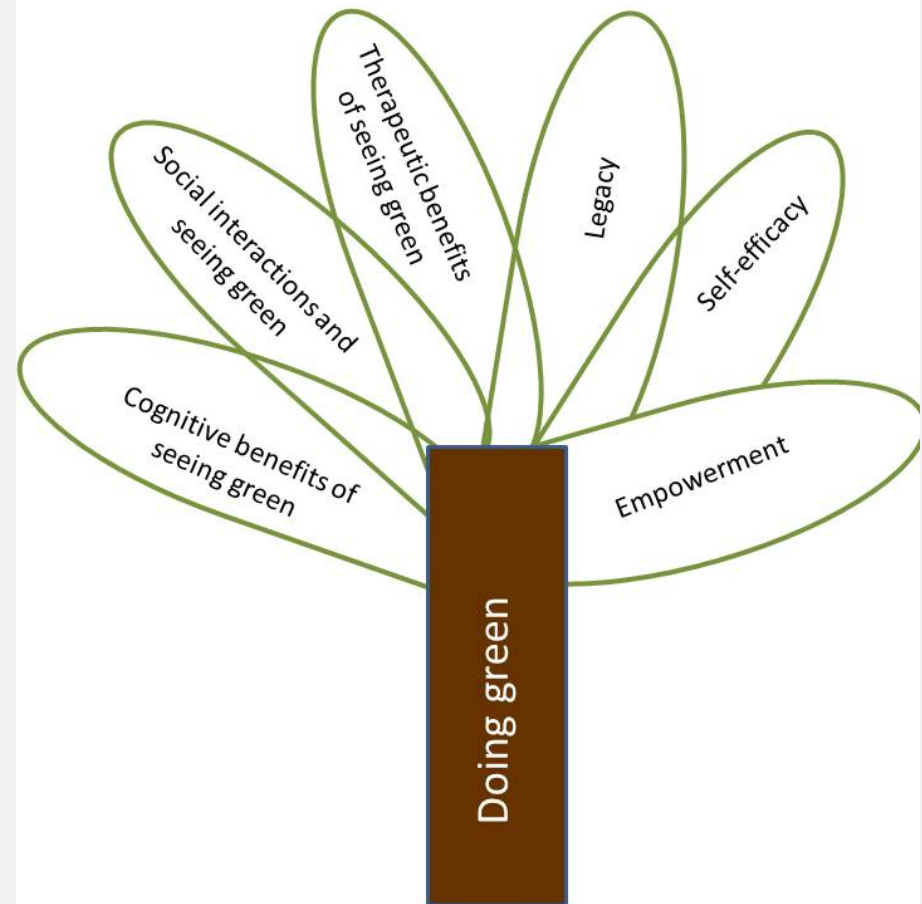
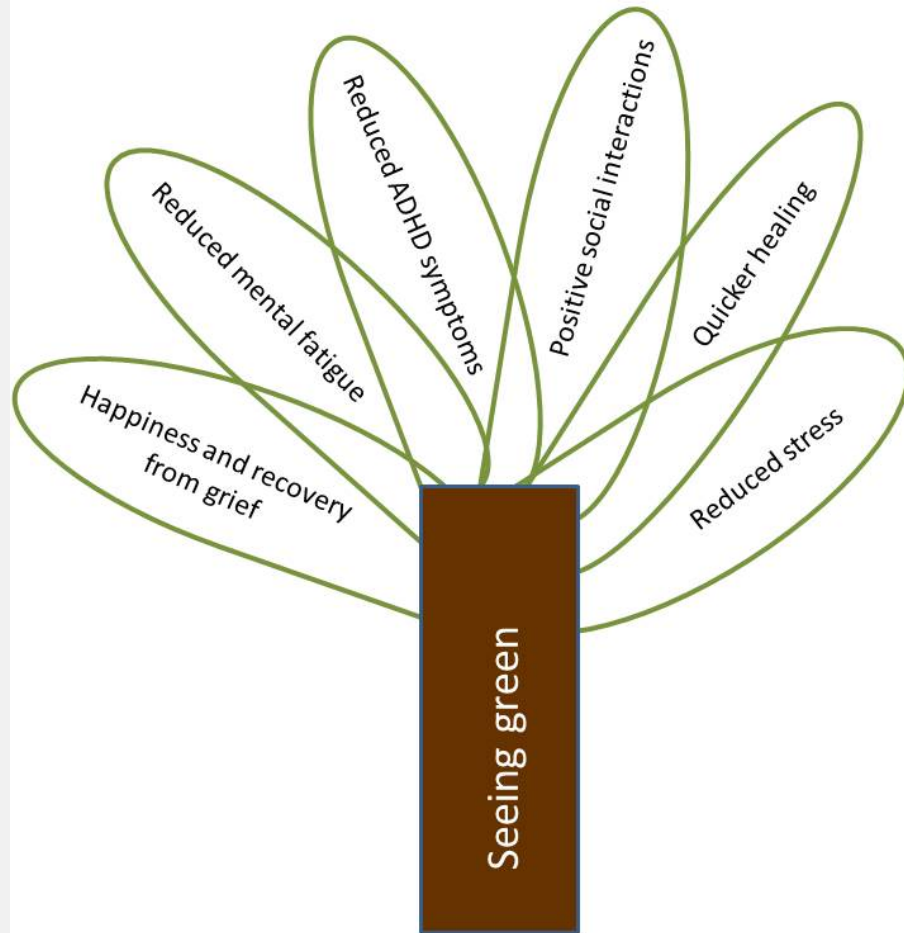


Park et al 2010. *The physiological effects of Shinrin-yoku (taking in the forest atmosphere or forest bathing): evidence from field experiments in 24 forests across Japan*. Environmental Health and Preventive Medicine **15**:18-2

Civic ecology practices foster *well-being*.



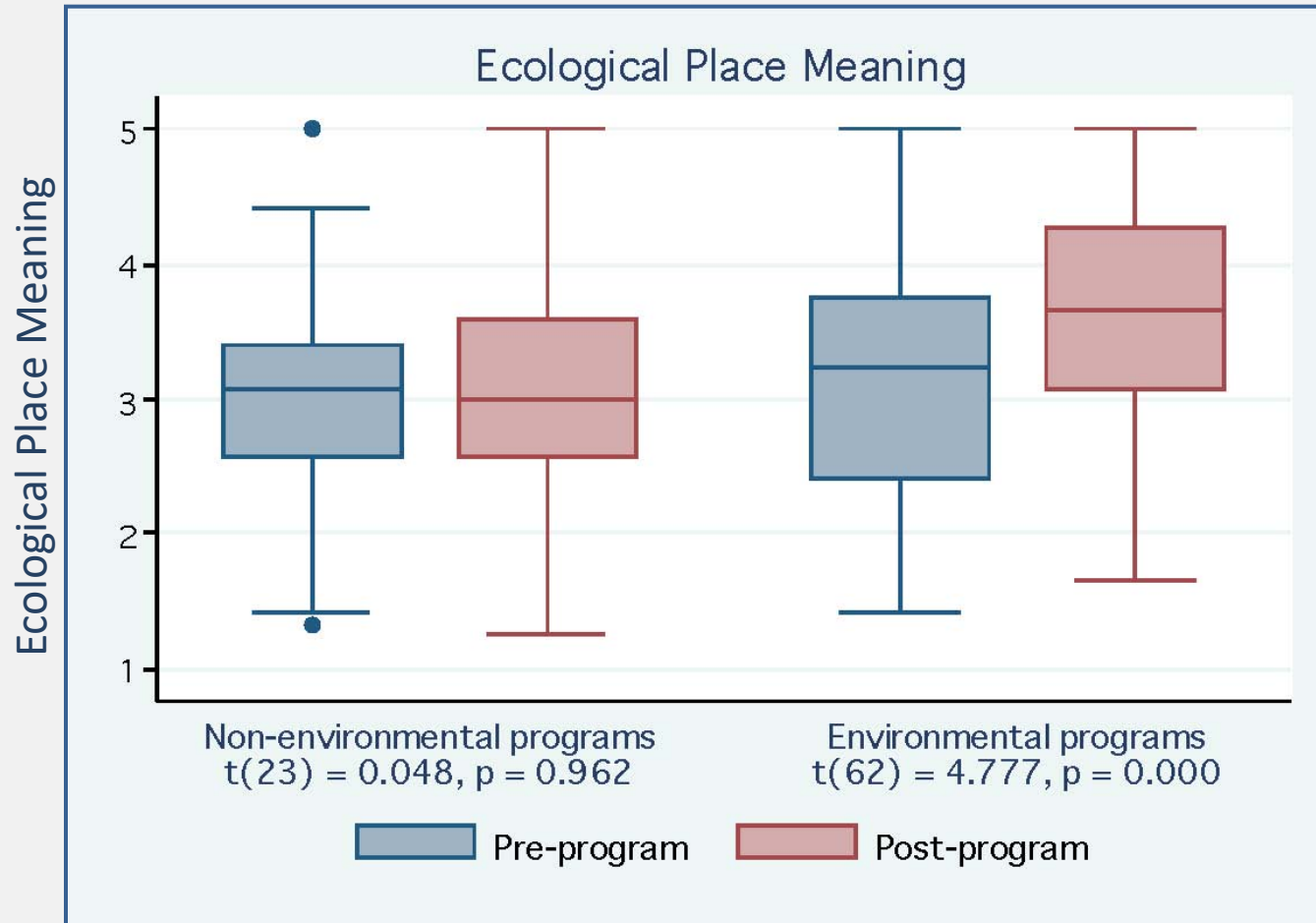
Civic ecology practices foster *well-being*.



Civic ecology practices provide opportunities for *learning*.

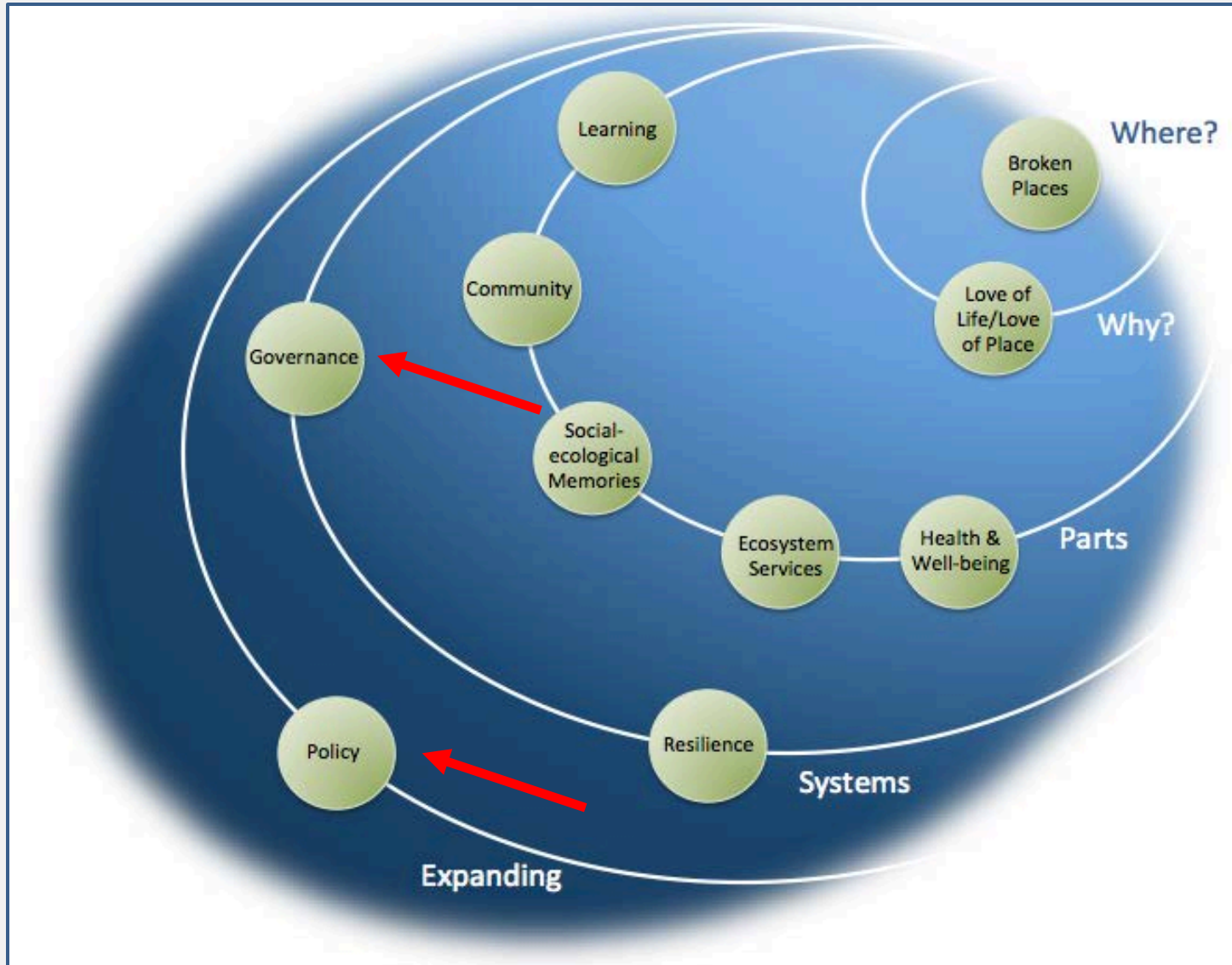


Civic ecology practices provide opportunities for *learning*.



Kudryavtsev, A, ME Krasny, and RC Stedman. 2012. *The impact of environmental education on sense of place among urban youth*. *Ecosphere* 3(4):29.

Zooming Out: How do civic ecology practices interact with larger systems?



Grassroots to Global

BROADER IMPACTS OF CIVIC ECOLOGY



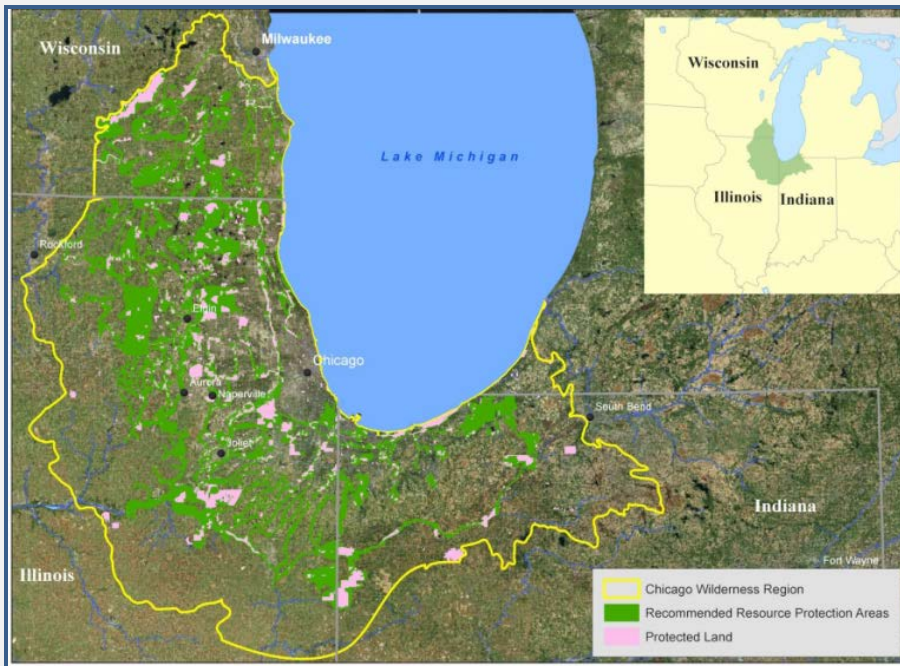
EDITED BY Marianne E. Krasny

FOREWORD BY Keith G. Tidball

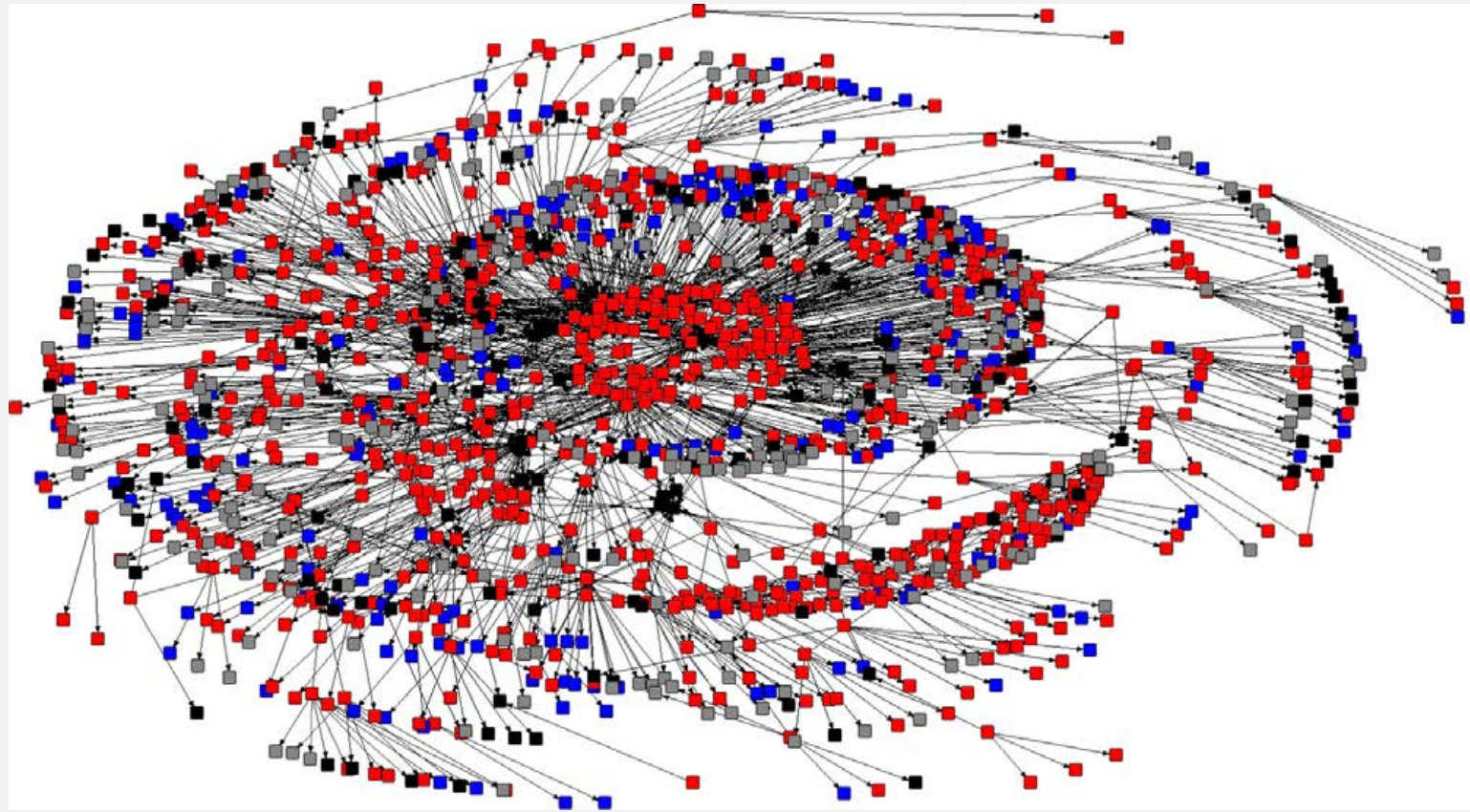
Civic ecology practices start out as *local innovations* and expand to encompass multiple *partnerships*.

Chicago Wilderness

A regional alliance dedicated to protecting nature and enriching life



Civic ecology practices start out as *local innovations* and expand to encompass multiple *partnerships*.



civic groups

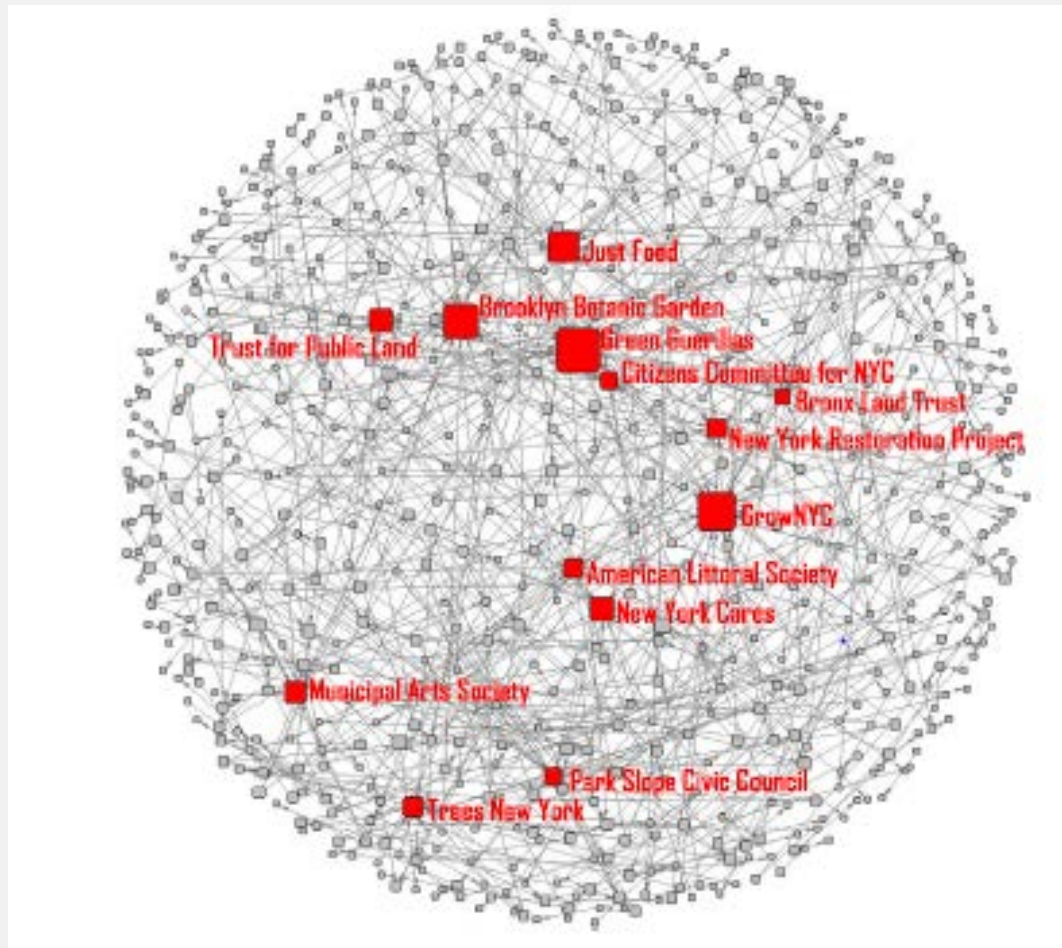
government agencies

schools

private business

Connolly, J. J., E. Svendsen, D. R. Fisher, and L. Campbell. 2014. *Networked governance and the management of ecosystem services: The case of urban environmental stewardship in New York City*. *Ecosystem Services* 10:187–194.

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Policy makers have a role in growing civic ecology practices.



THE UGLY INDIAN
is there any hope?

HOME

Policy makers have a role in growing civic ecology practices.



THE UGLY INDIAN
is there any hope?

HOME



Policy makers have a role in growing civic ecology practices.



Images: http://bronxriver.org/puma/images/usersubmitted/image/HiRes/BronxRiverFlotilla_ConcretePlantPark_2000.jpg, https://cdn0.vox-cdn.com/uploads/chorus_asset/file/6547655/29_kensinger_bronx_river_DSC_5158.0.jpg, <http://all-that-is-interesting.com/wordpress/wp-content/uploads/2016/04/bronx-river-1970.jpg>, A Russ

Policy makers have a role to play in growing civic ecology practices.

*We created a movement—
we started out just cleaning
up the river but we created
a movement.*

Congressman Jose Serrano



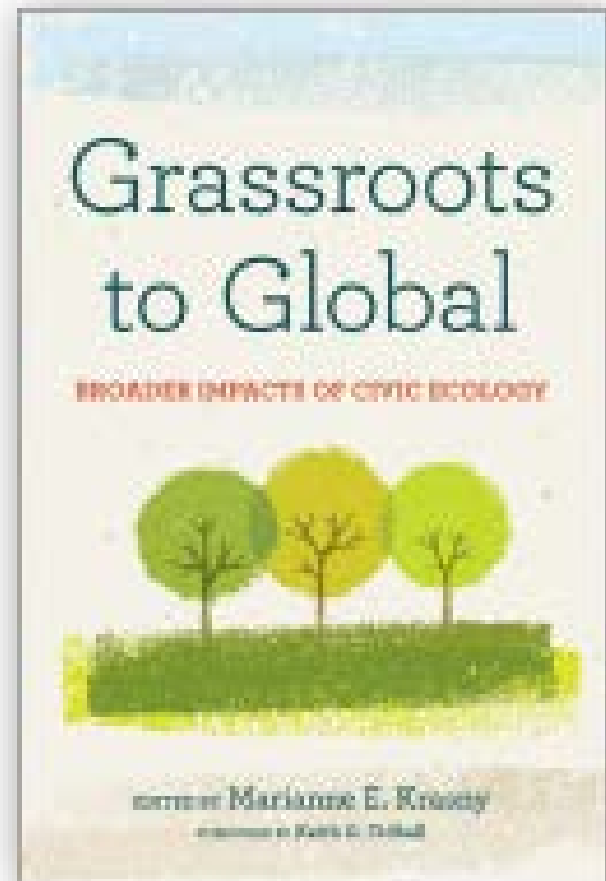
BOOKS!



Civic Ecology

Adaptation and Transformation
from the Ground Up

Marianne E. Krasny and Keith G. Tidball



MOOC!



HOW IT WORKS

COURSES

SCHOOLS & PARTNERS



Reclaiming Broken Places: Introduction to Civic Ecology

Explore *why* and *how* people come together to care for nature and cultivate community in places marked by disaster, war, poverty and environmental degradation.

Thank you
Anacostia Park and Community Collaborative
National Park Foundation
Erin and Akiima Price!

Questions? Thoughts?

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civicecology.org



Cornell University

