



CHICAGO BOTANIC GARDEN

Nature-based solutions

A locally-grounded approach to
biodiversity conservation social empowerment



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***Loss of
biodiversity
is a human
rights issue***



Black, T. (2016)
Hoerner, J. A., & Robinson, N. (2008)
Kasperson & Kasperson (2001)

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The environment is not just nature

- Our environment
 - Social systems
 - Economic systems
 - Political systems
 - Educational systems
 - Healthcare
 - Infrastructure
 - Ecosystems
- Human health is dependent on environmental health
- Public gardens have the opportunity and obligation to make those connections explicit



Nature-Based Solutions

“Nature-based solutions are interventions which use nature and the natural functions of healthy ecosystems to tackle some of the most pressing challenges of our time.”





connect

community + climate + action

connectcca.org



- Engages community members in co-creating solutions that meet conservation and community-identified goals
- Encourages open discussion of climate change and its impacts
- Supports communities in identifying their assets
- Provides resources and template project ideas for easy start-up



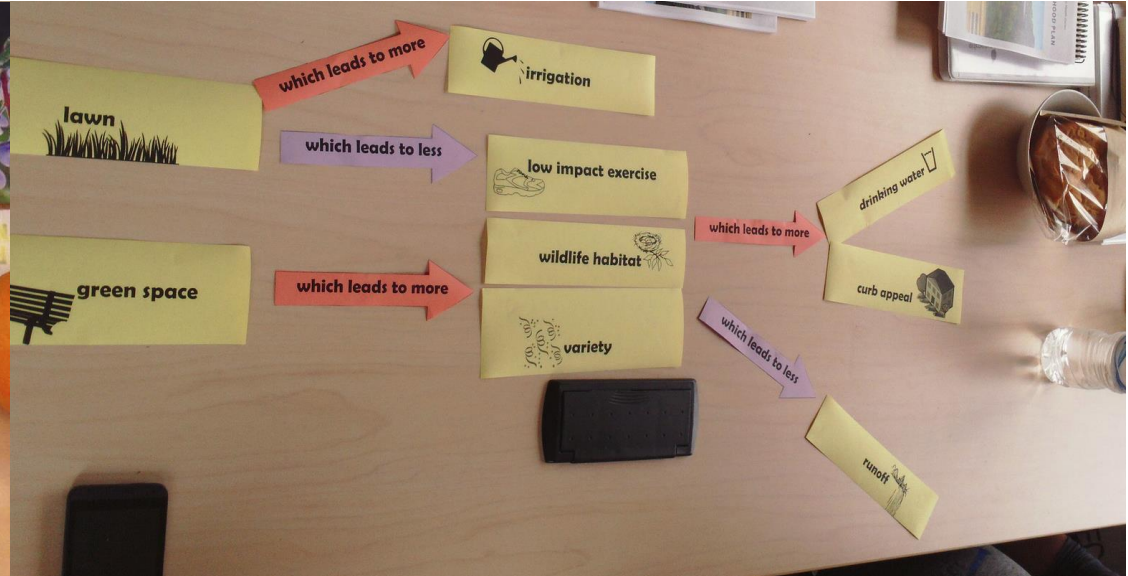
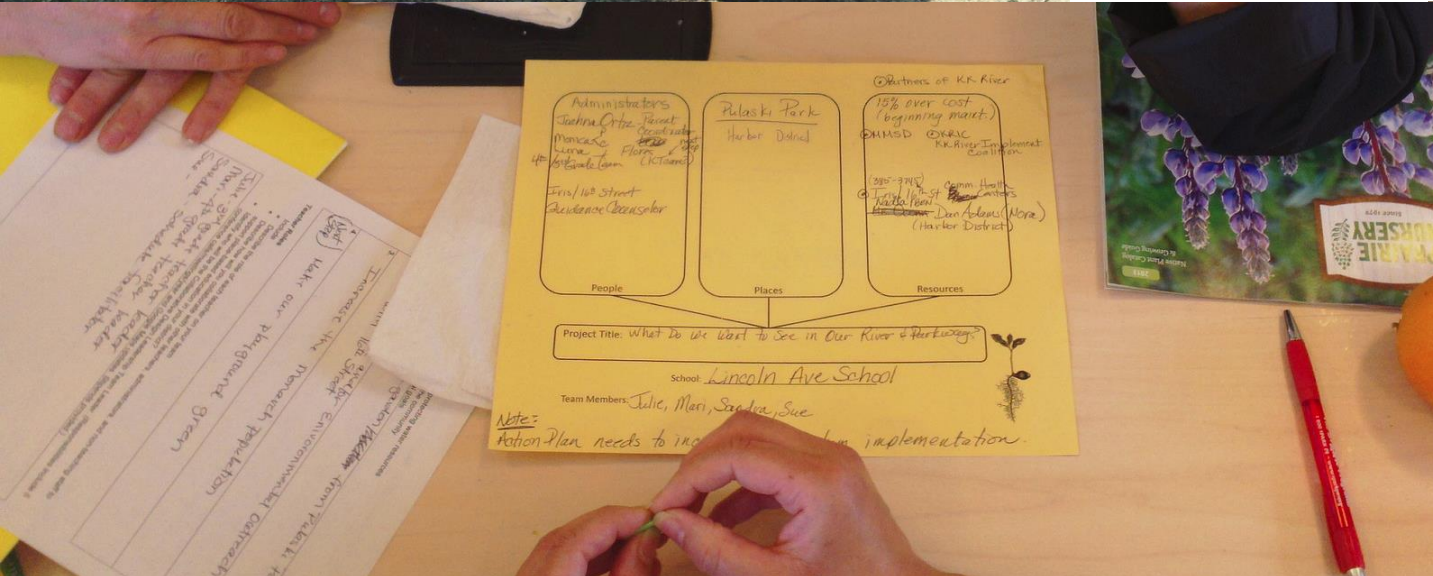
The Green Ministry at the **COVENANT UNITED CHURCH OF CHRIST** used stories of the African-American migration north in the U.S. to illustrate the connection between human and ecological migration in the face of climate change.



Photos: Veronica Kyle, Velma P...



Educators at the University of Wisconsin-Madison **LATINO EARTH PARTNERSHIP FOR SCHOOLS** workshop learn about the ways habitat restoration can help mitigate the impacts of climate change and install native plants along using the Kinnickinnic River.



Nature-Based Solutions

Community

- Access to green space in deeply urban areas
- Improved soil & water quality
- Community cohesion
- Reduced flooding

Biodiversity Conservation

- Reclaim vacant, polluted land
- Replant and restore native habitats
- Increased awareness of the importance of conservation and biodiversity

Conservation and human progress are not mutually exclusive





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