



National Ecosystem Services Partnership Webinar

Oregon Framework for Health and the Outdoors

Bobby Cochran – Willamette Partnership

Emily Henke – Oregon Public Health Institute

Katherine Smith – U.S. Forest Service

**Steve Kelley – North Carolina State University, Kelley Family
Foundation**

February 11, 2016

Updates to NESP guidebook

National Ecosystem Services Partnership

Best Practices for Integrating Ecosystem Services into Federal Decision Making

Lydia Olander, Robert J. Johnston, Heather Tallis, Jimmy Kagan, Lynn Maguire, Steve Polasky, Dean Urban, James Boyd, Lisa Wainger, and Margaret Palmer



FEDERAL RESOURCE MANAGEMENT AND ECOSYSTEM SERVICES GUIDEBOOK

National Ecosystem Services Partnership

Enter your search term(s)



ABOUT THE PROJECT

WHY ECOSYSTEM SERVICES?

AGENCY USE

ASSESSMENT FRAMEWORK

EXPLORATIONS AND APPLICATIONS

RESOURCES

Home - Resources

RESOURCES

This section of the *Federal Management and Ecosystem Services Guidebook* provides brief descriptions and links to a number of online resources relevant to implementing an ecosystem services approach. It is updated as new resources become available. The resources highlighted here either complement or supplement this guidebook and the *Best Practices for Integrating Ecosystem Services into Federal Resource Management* paper. This list should not be considered an endorsement of any one tool or resource, but rather a curated collections of available resources.

Federal Action on Ecosystem Services

- The White House CEQ released **new policy memorandum** in the fall of 2015 directing federal agencies to begin incorporating ecosystem services in federal planning and decision making.
- On November 3 the White House released a **memorandum** aimed at minimizing impacts on, accelerating restoration of, and **incentivizing private investment** in our land, water, and wildlife.
- On August 25, 2015 the White House released the report **"Ecosystem-Service Assessment: Research Needs for Coastal Green Infrastructure"**.
- In 2013 the White House Council on Environmental Quality (CEQ) released new **principles and requirements for federal investments in water resources** and include guidance on using an ecosystem services evaluation framework for water resources projects.
- The U.S. Forest Service's **2012 Planning Rule** requires that planning activities consider ecosystem services as part of an integrated resource management focus.

Best Practices for Integrating Ecosystem Services into Resource Management

EnviroAtlas

A Review of Ecosystem Service Analytical Tools

Video Series on Ecosystem Services Valuation

State Level Ecosystem Services Assessments

NESP Meetings and Webinars

Upcoming NESP Webinars

March 3rd, 2-3:00 pm EST

"Cloud-based modeling and big data approaches for ecosystem services assessment: Moving from hype to substance"

- *Ken Bagstad, USGS*

Recent webinars now posted on line

White House Memorandum on Mitigating Impacts on Natural Resources

- *Timothy Male CEQ, Tomer Hasson DOI, Palmer Hough US EPA*

White House Memorandum on Incorporating Ecosystem Services into Policy

- *Sarah Ryker CEQ, Hannah Safford OSTP*

The Classification webinar series, Parts 1 and 2

- *Charles Rhodes ORISE fellow working with US EPA, Dixon Landers US EPA*

You can view and download past presentations from the Meetings and Webinars page here:
<https://nicholasinstitute.duke.edu/focal-areas/national-ecosystem-services-partnership>

Presenters

- **Bobby Cochran**, Executive Director of the Willamette Partnership
- **Emily Henke**, Policy Manager at Oregon Public Health Institute
- **Katherine Smith**, Assistant Station Director for Program Development at US Forest Service Pacific Northwest Research Station
- **Steve Kelley**, Kelley Family Foundation and North Carolina State University

An Oregon Action Framework for Health and the Outdoors



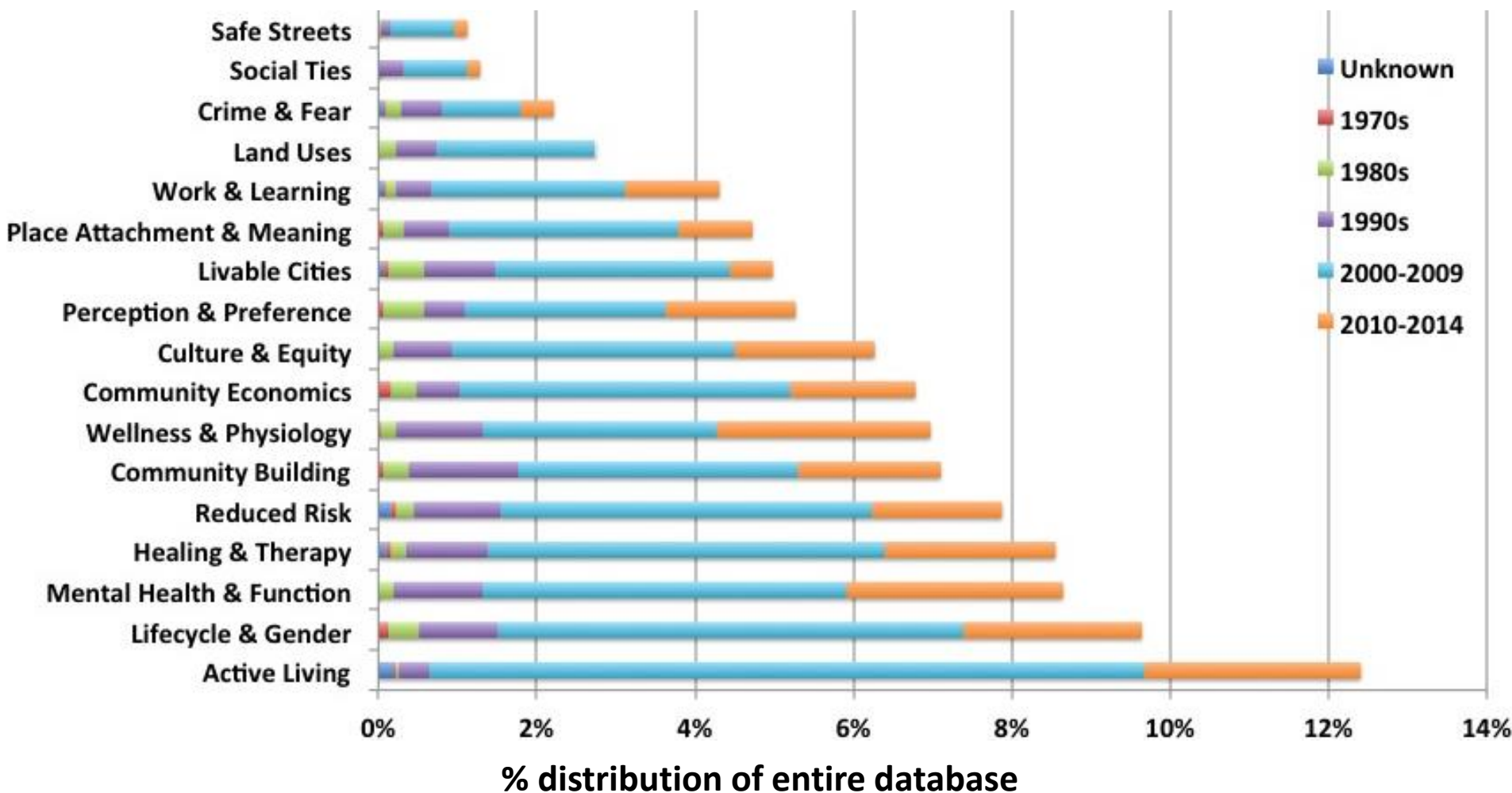
DOWNLOAD THE FRAMEWORK at oregon.healthandoutdoors.org

The mission of the Oregon Health and Outdoors Action Framework is to:

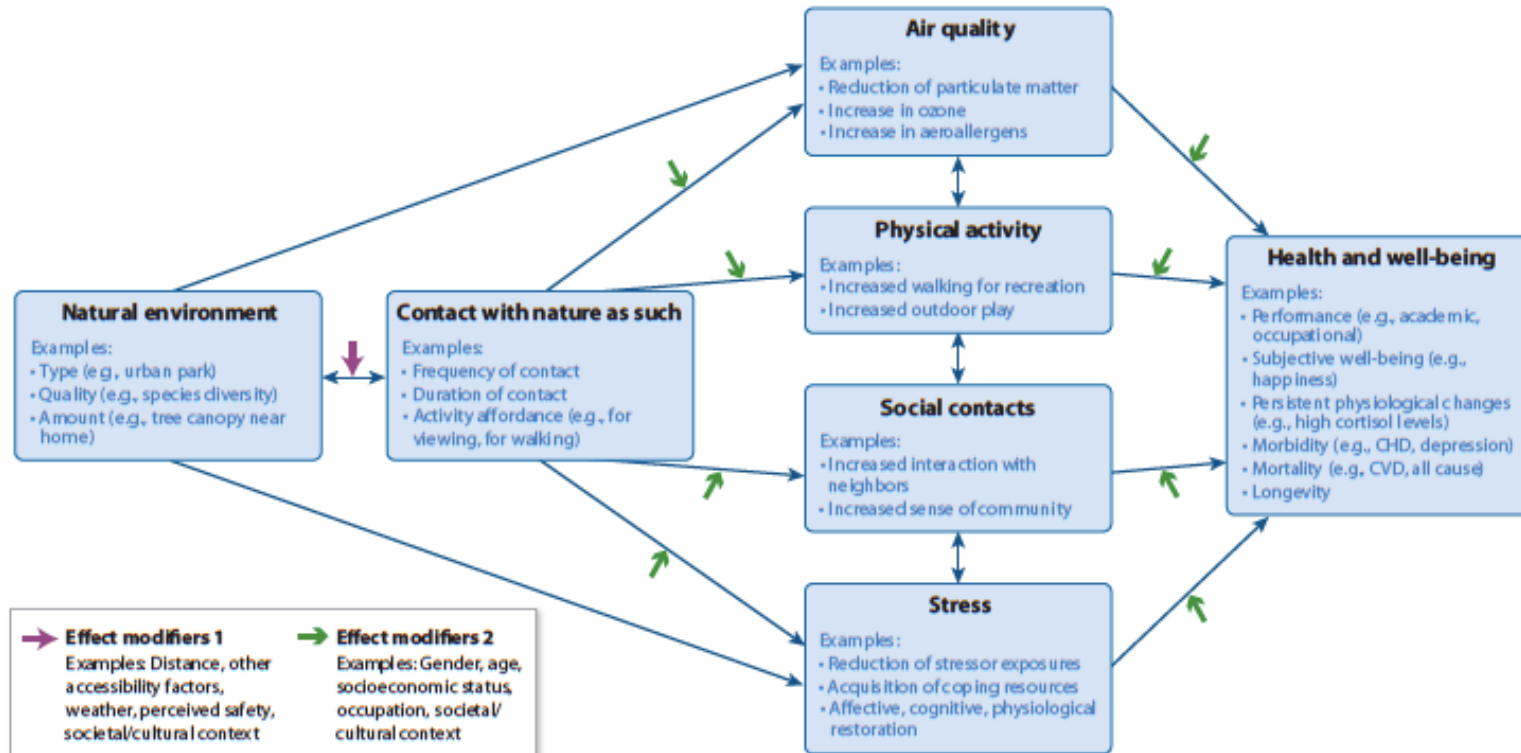
Accelerate positive health and conservation outcomes for all Oregonians with an emphasis on the most vulnerable populations by increasing the presence of, access to and use of parks, nature, and the outdoors.

Green Cities: Good Health

www.greenhealth.washington.edu



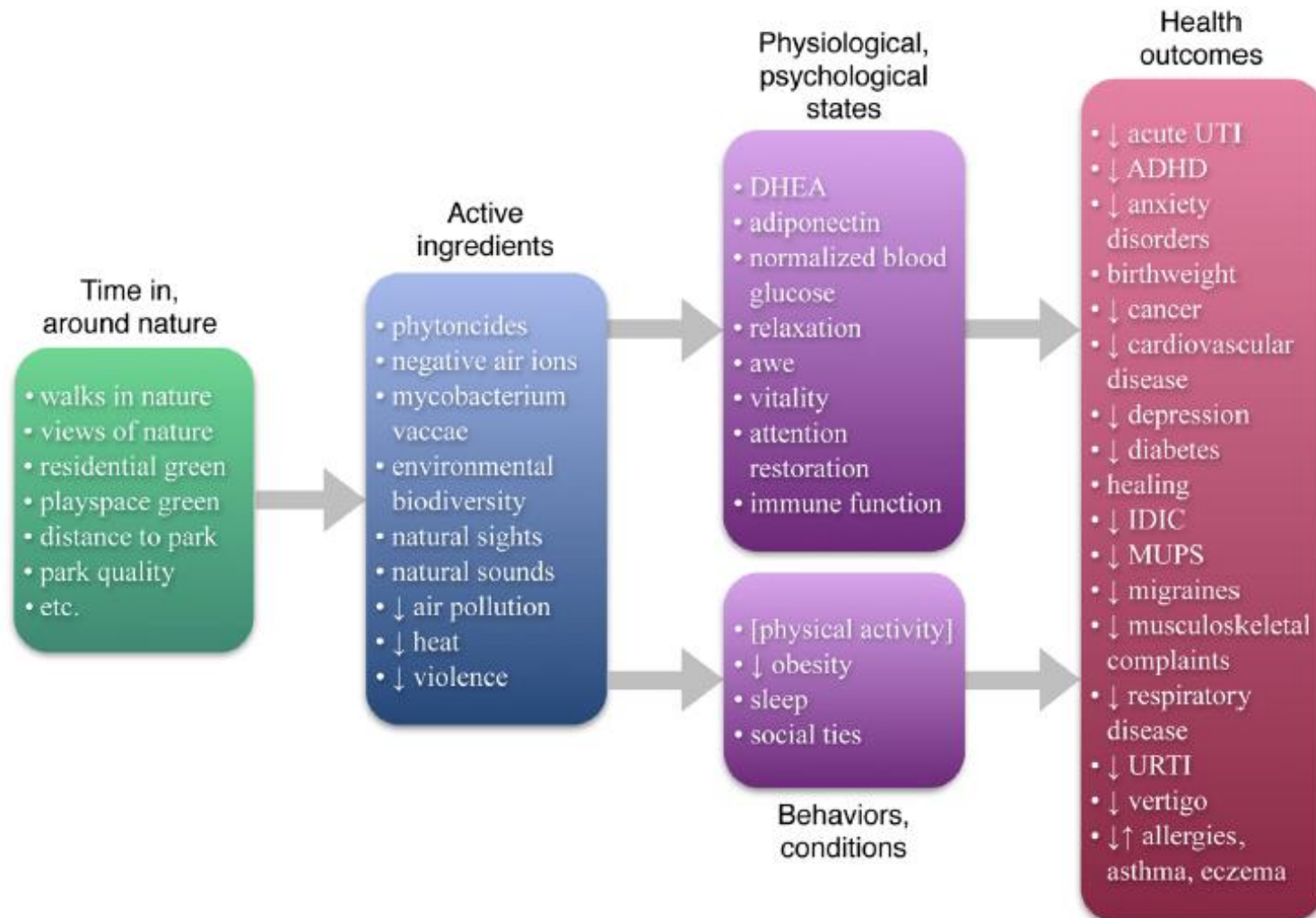
strength of evidence; causal mechanisms?



Hartig, T., R. Mitchell, S. de Vries, and H. Frumkin. 2014. Nature and Health. Annual Review of Public Health 35, 1: 207-228.

How can we act on a common research agenda?

What information do we need?



Kuo, M. 2015. How Might Contact with Nature Promote Human Health? Promising Mechanisms and a Possible Central Pathway. *Frontiers in Psychology* 6, article 1093.

We can make the link between health and outdoors **explicit**



From: Hartig, T., R. Mitchell, S. de Vries, and H. Frumkin. 2014. Nature and Health. Annual Review of Public Health 35, 1: 207-228.



Closer, safer, cleaner
greenspace increases
physical activity



Time outdoors improves
mental health



Planting trees strengthens
social cohesion



Trees
clean air

...But we know **there are inequities** in both health and access to the outdoors

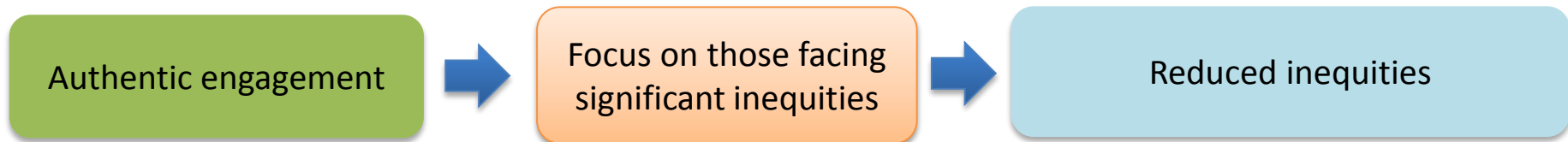
Progress will depend on working partnerships between **champions for health and champions for the outdoors**

**We can
act now**

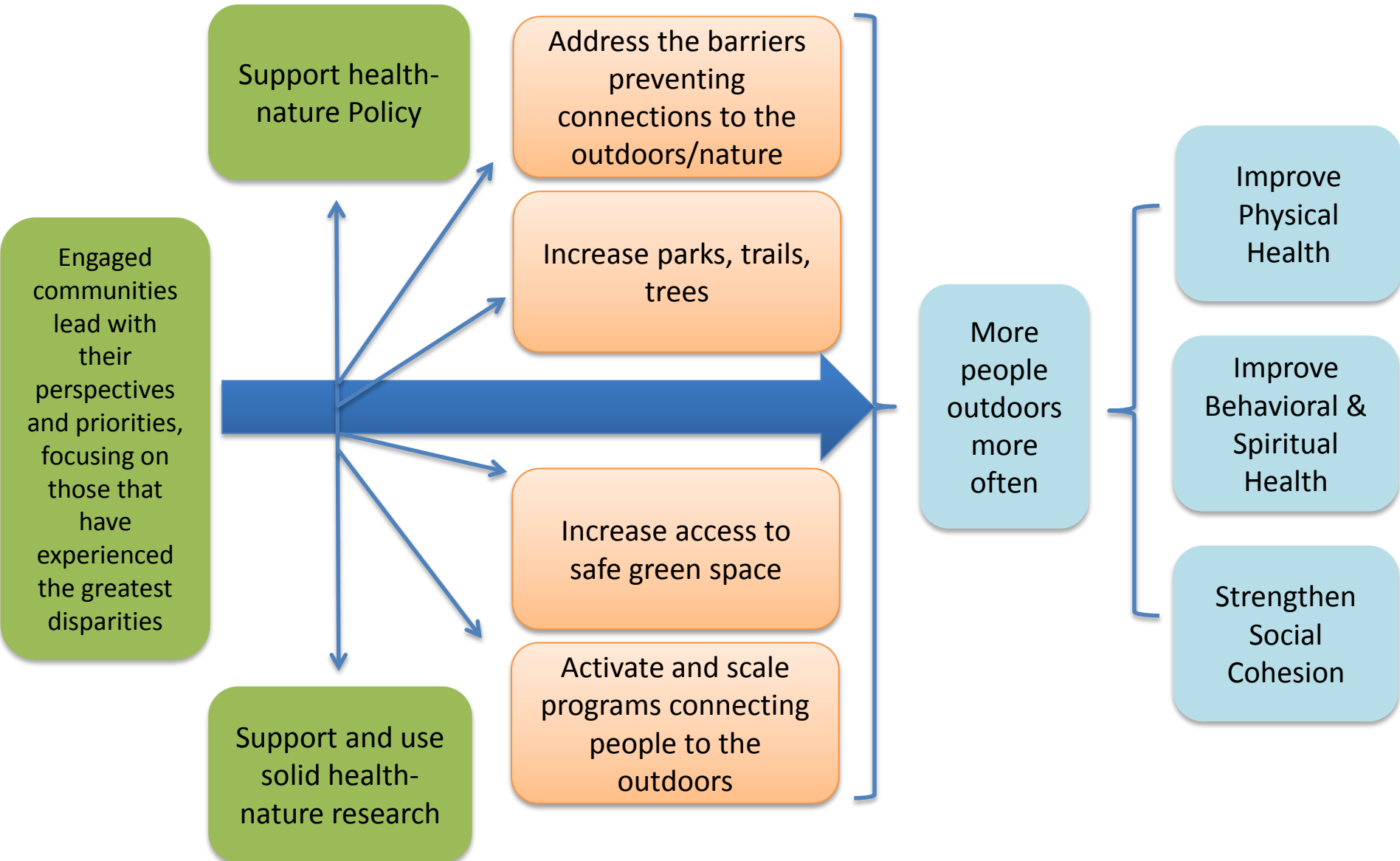


Health transformation and our ability to reduce costs, improve care, and support population health

Oregon has a **wealth of outdoor opportunities**, and the organizations working to protect and enhance them know they need to do a better job of reaching out



Applying an equity lens throughout



Ideas to Action *Getting solutions moving*

An approach that reduces inequities, supports a core team, and **supports communities**

Supporting Strategies

Policy support

- Build a policy playbook

Research support

- Align a research agenda & create evaluation tools and support

Communications support

- Talking points, campaigns, outreach

Community Strategies

Address barriers

- Safety, time, and transportation

More parks, trails, and trees

- Nearby

Better access to safe green space

- Safe routes, trailheads, group facilities

Activate and scale programs

- Led by communities

An Oregon Action Framework for Health and the Outdoors



Institute for
Sustainable Solutions
PORTLAND STATE UNIVERSITY

Oregon **Healthiest** State
 Join The Movement



WILLAMETTE PARTNERSHIP




SOLID GROUND
CONSULTING



GET INVOLVED at oregon.healthandoutdoors.org

Partners are making commitments



Thank you for making the Framework possible

Kelley Family Foundation

Bullitt Foundation

Pacific Birds

US Forest Service

Portland State's Institute for Sustainable Solutions

Oregon Healthiest State

Thank you for moving us forward

Kelley Family Foundation

REI

US Forest Service

Portland State's Institute for Sustainable Solutions

Gray Family Foundation

Providence Health Systems

Health and the Outdoors Action Framework

Moving Forward & What We Need



Goal	Status
Raise \$150,000 for community engagement	\$50,000 in hand; \$100,000 to go
Build a policy playbook	Visioning
Create an aligned research agenda	Portland State & USFS leading
Provide evaluation tools and support	Scoping
Provide communication tools and support	Scoping with Travel Oregon and the Intertwine



\$55,000

\$45,000



This could be you



REI



Kelley Family Foundation



Providence Hood River Hospital

Community Actions



\$30,000



This could be you



Portland State



US Forest Service

Research Agenda



\$100,000



\$20,000

Family Foundation



This could be you



Travel Oregon

Initiative Cool



\$20,000



This could be you



REI



Oregon Healthier



Willamette Partners

Policy Playbook

An Oregon Action Framework for Health and the Outdoors



GET INVOLVED AND STAY IN TOUCH
at oregon.healthandoutdoors.org



Institute for
Sustainable Solutions
PORTLAND STATE UNIVERSITY



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