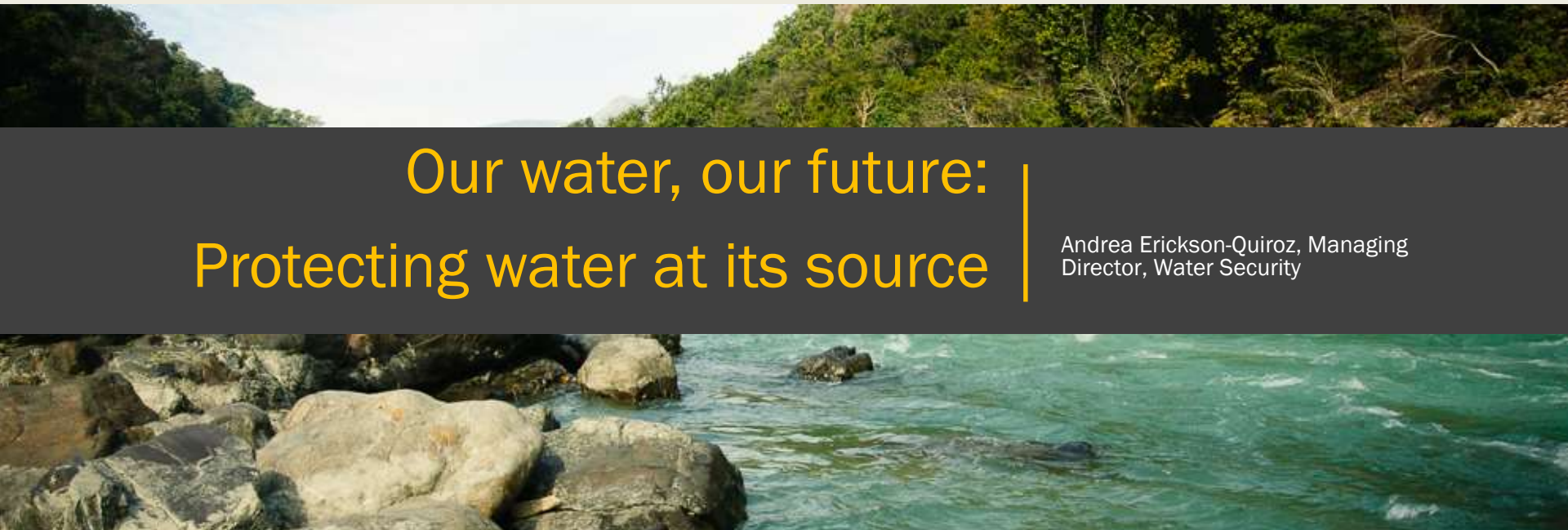




Presentation from
**2016 World Water
Week in Stockholm**

www.worldwaterweek.org

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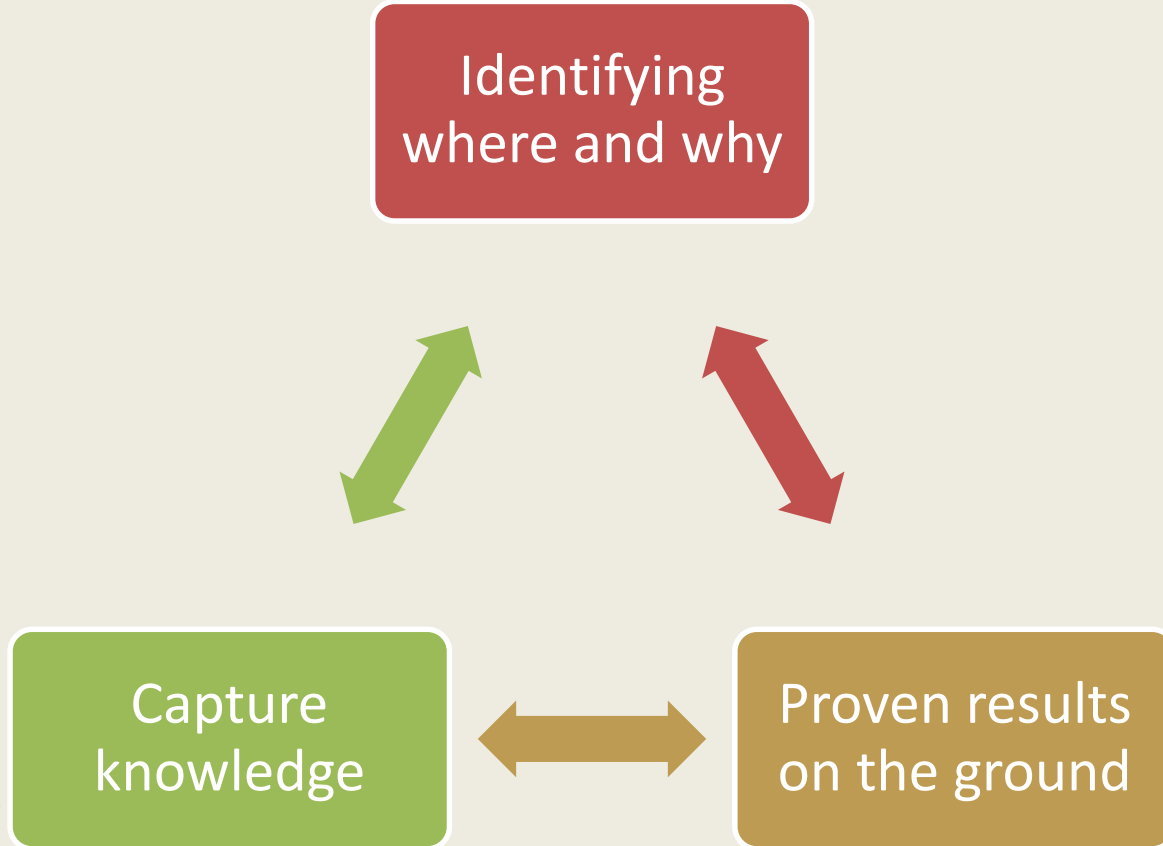


Our water, our future: Protecting water at its source

Andrea Erickson-Quiroz, Managing
Director, Water Security

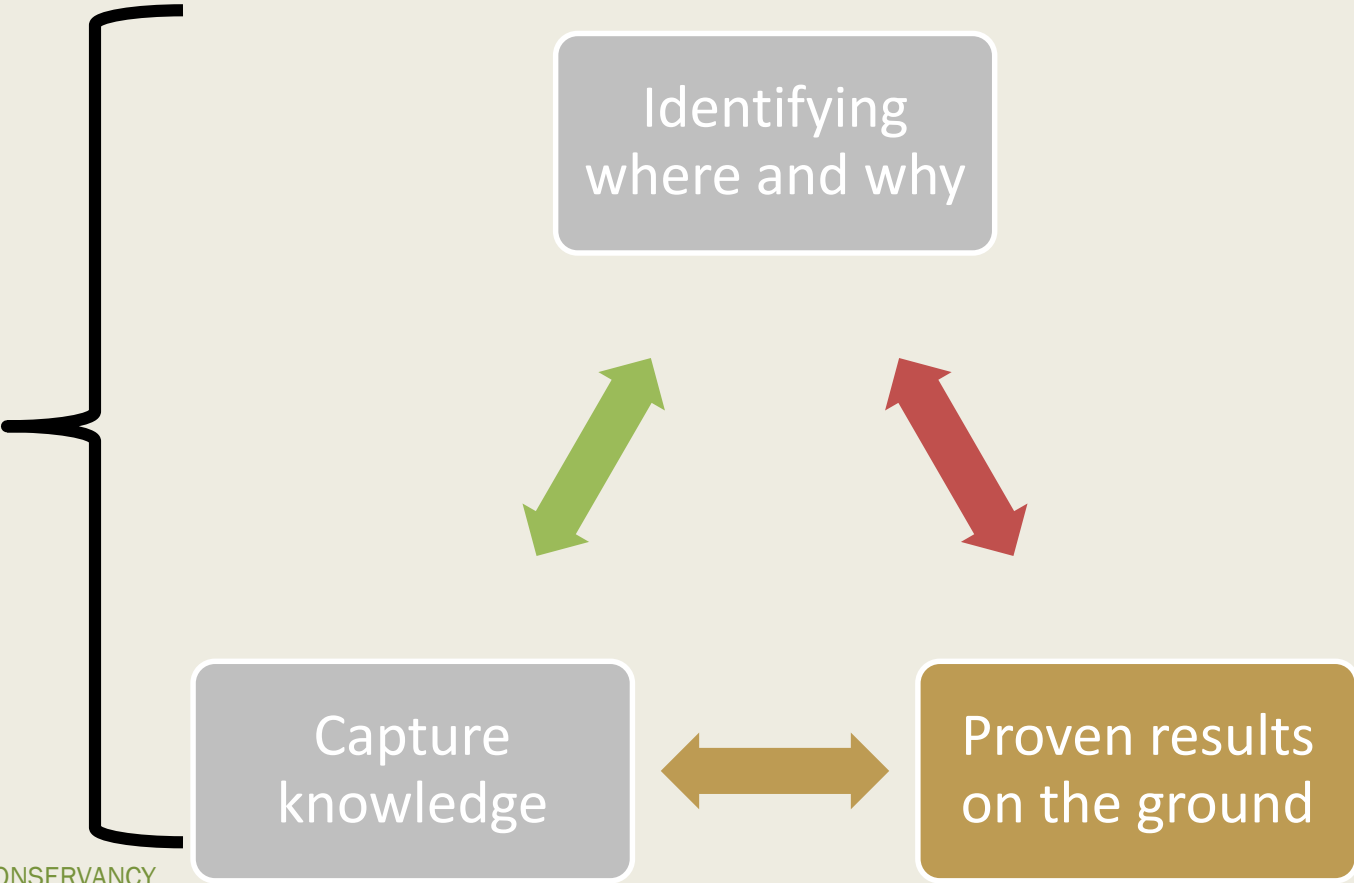
Tools to Support Decision Makers: Natural Infrastructure

Mainstream
Adoption of
Natural
Infrastructure
Solutions



Tools to Support Decision Makers: Natural Infrastructure

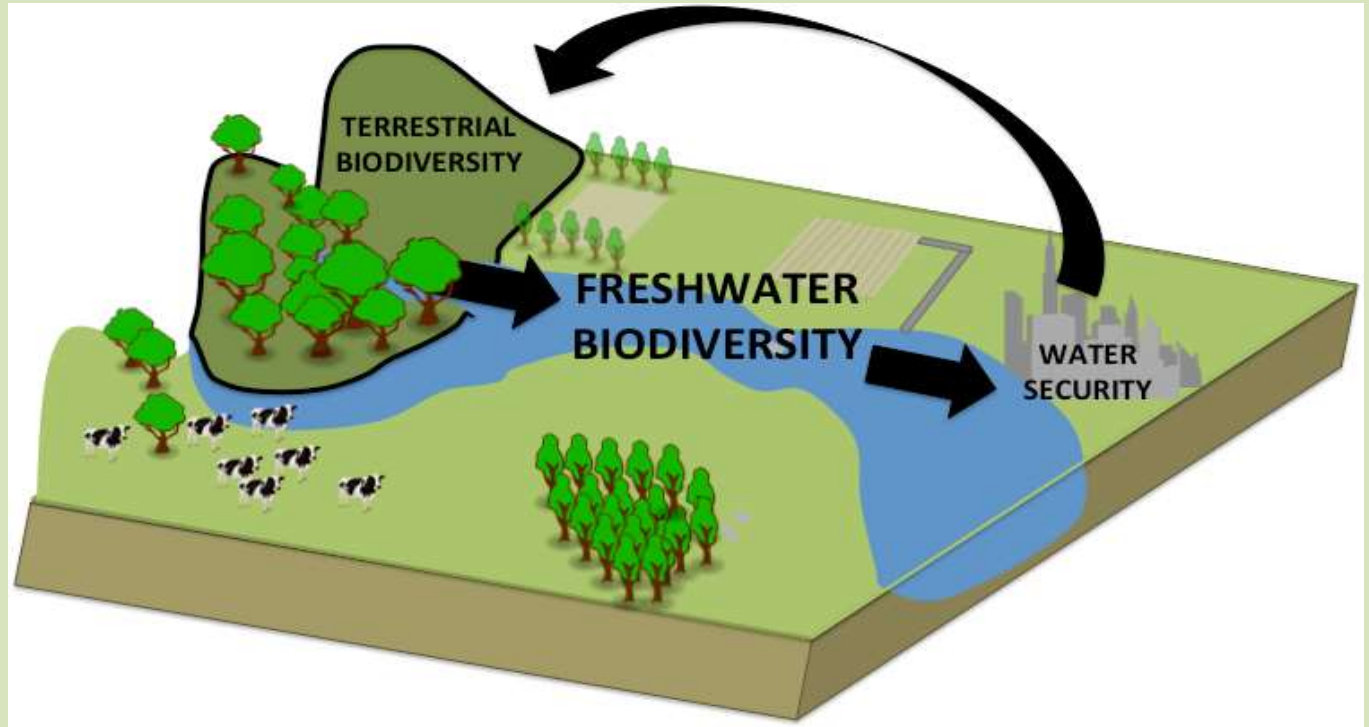
Mainstream
Adoption of
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Infrastructure
Solutions



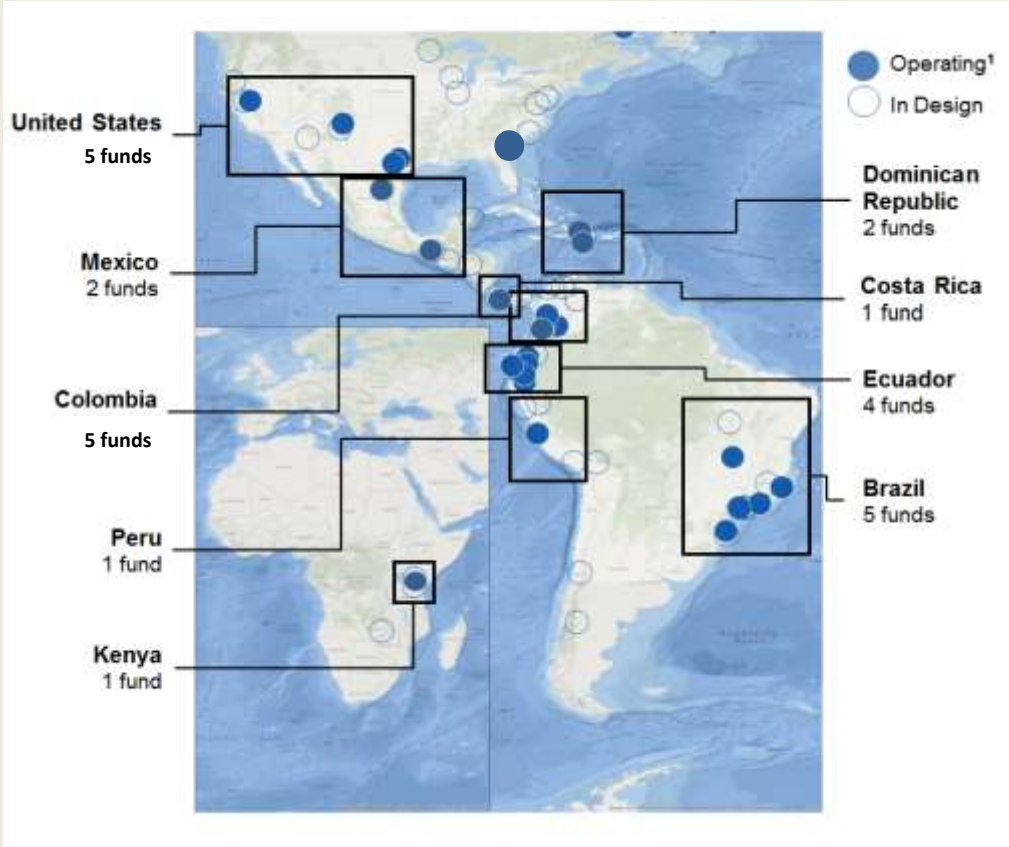
WATER FUNDS

= long term capacity to deliver conservation

SCIENCE + GOVERNANCE + FINANCING



Current State of Water Funds Globally



Water Funds in operation (as of July 2016)

- 200 + partners
- 26 operating Water Funds
- 9 countries
- \$300 million + in public and private funding
- 300,000 ha of land directly impacted through Water Fund supported interventions
- 40+ additional Water Funds in research or design



Benefits to People by 2025

30% Drop in Water Supply Interruptions Caused by Sediment Spikes

18% Less Sediment in Masinga Reservoir

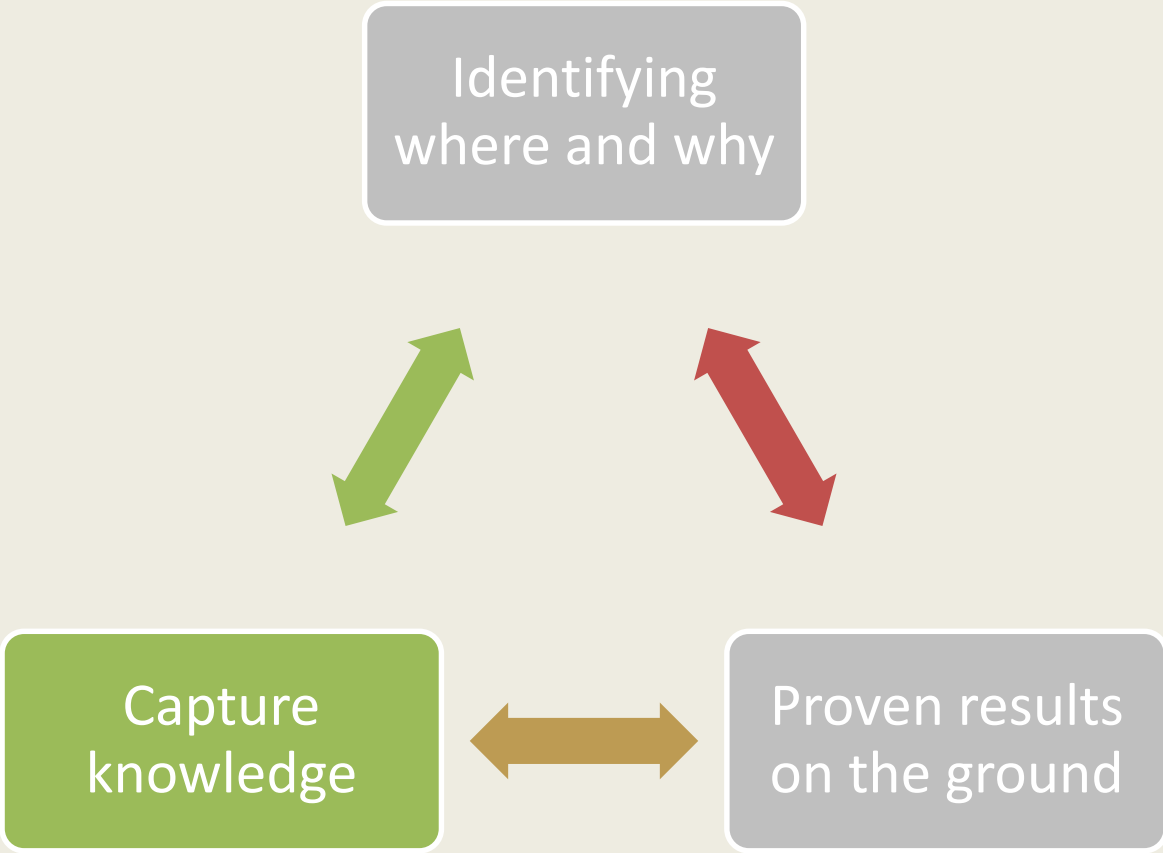
15% More Water in Dry Season River Flows

30% Increase in income across 300,000 farms via Irrigation and Soil Productivity

1.6 million tons of carbon saved

Tools to Support Decision Makers: Natural Infrastructure

Mainstream Adoption of Natural Infrastructure Solutions





WATER FUNDS TOOLBOX

AN OVERVIEW OF KEY IDEAS



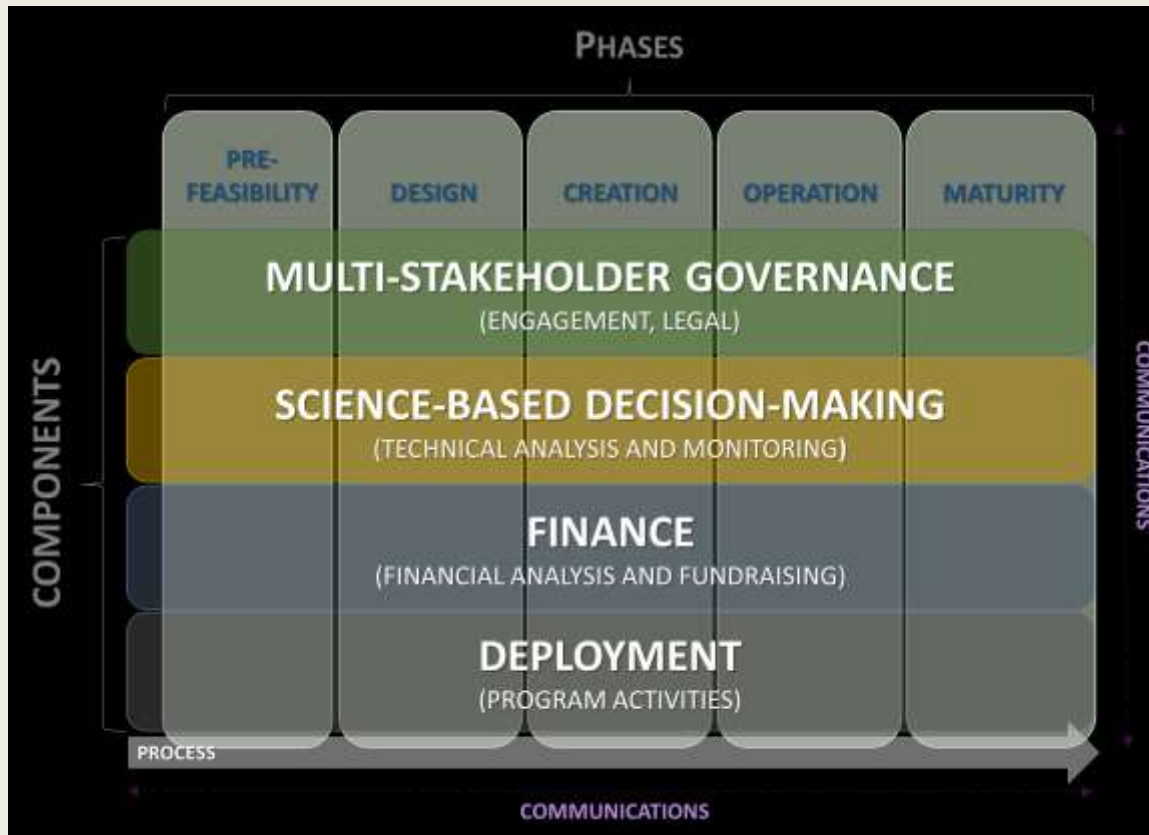
Cory Zyla • Water Funds Coordinator, Global Water
cory.zyla@tnc.org
 June 17, 2016



How is the Toolbox structured?

Toolbox guidance is structured around 4 core components

Water Funds Project Cycle



The Toolbox includes a wide range of resources



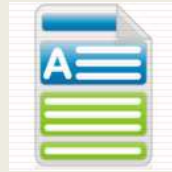
Lessons learned



Case-studies



Tools



Templates



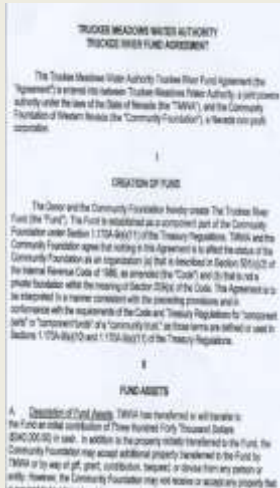
Best practices



Centralization of tools and materials

A few examples include:

Legal agreements



Technical studies



Business Cases



Marketing materials

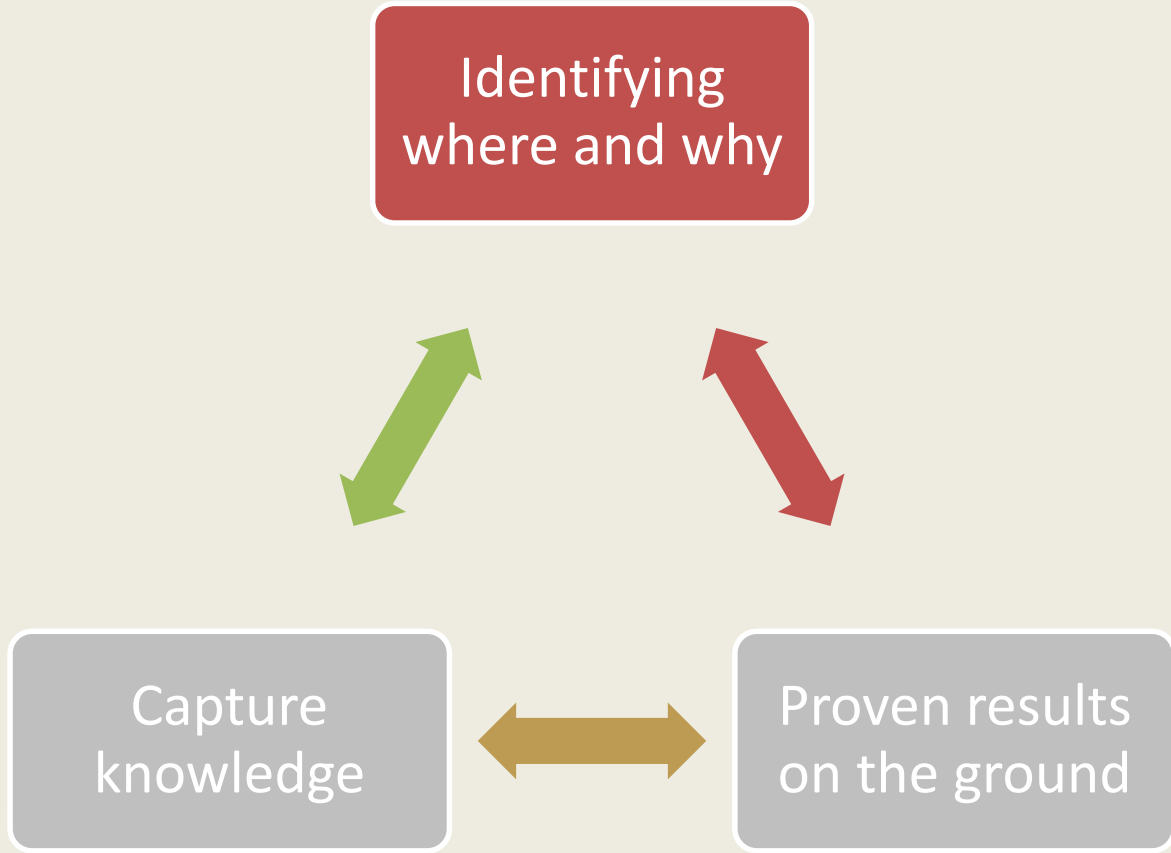


Online screening tools



Tools to Support Decision Makers: Natural Infrastructure

Mainstream
Adoption of
Natural
Infrastructure
Solutions



MAKING THE CASE: where might water funds work and why?



BENEFITS

Water security

CO-BENEFITS

Biodiversity/ecological
integrity

Climate change adaptation

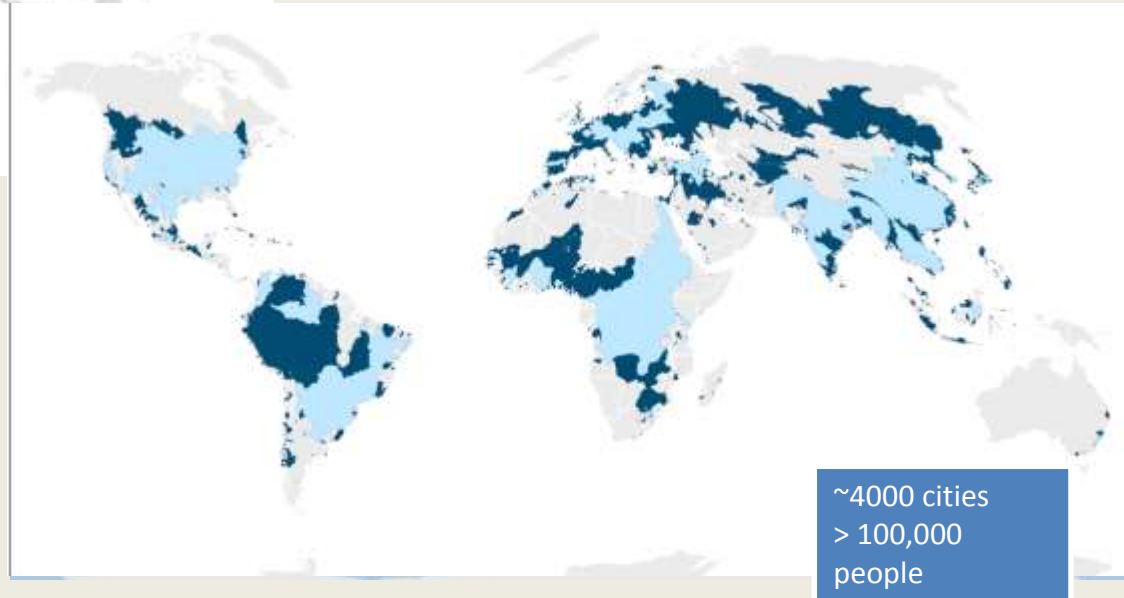
Climate change mitigation

Health and well-being

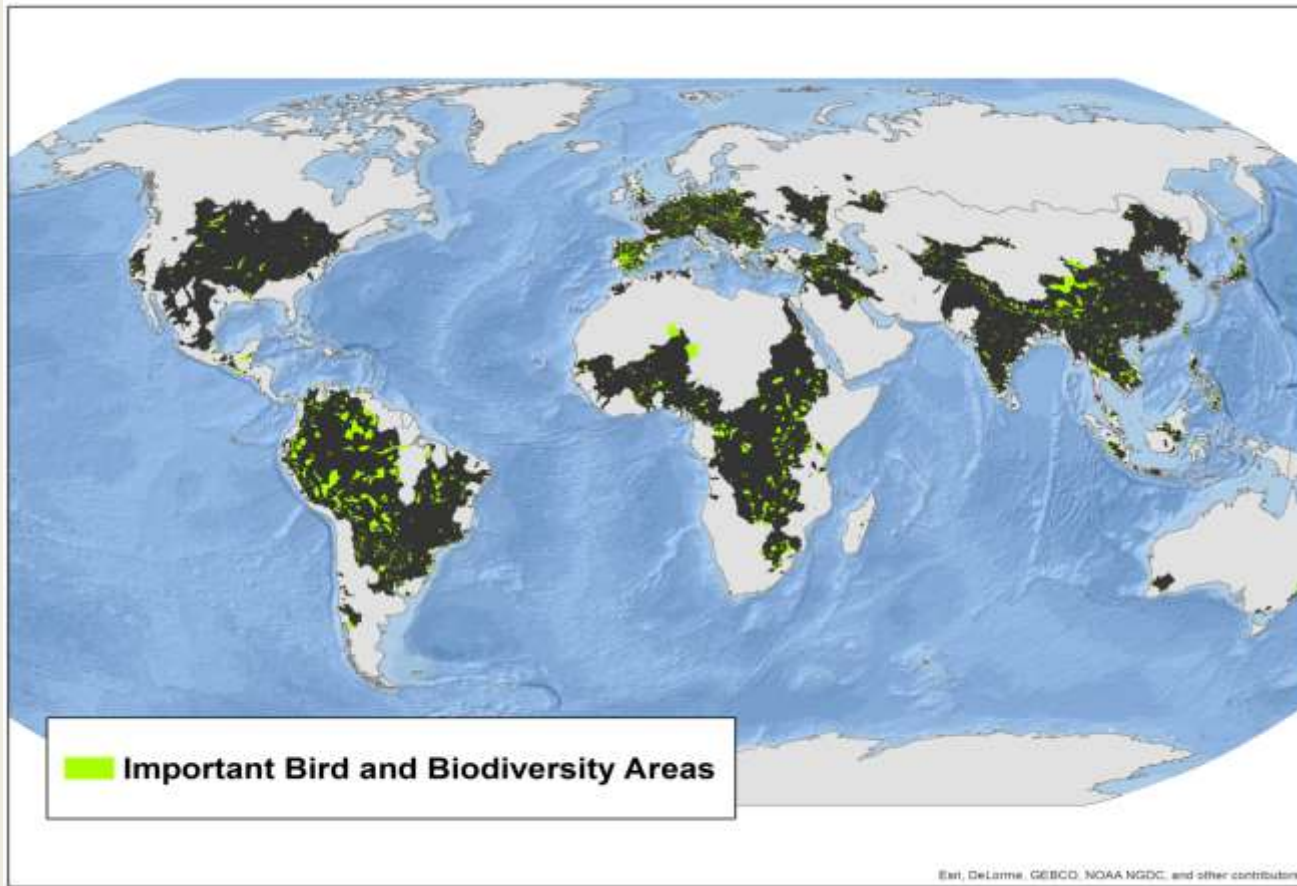
Socioeconomic
benefits

Governance
Health

Expanded Source Watersheds

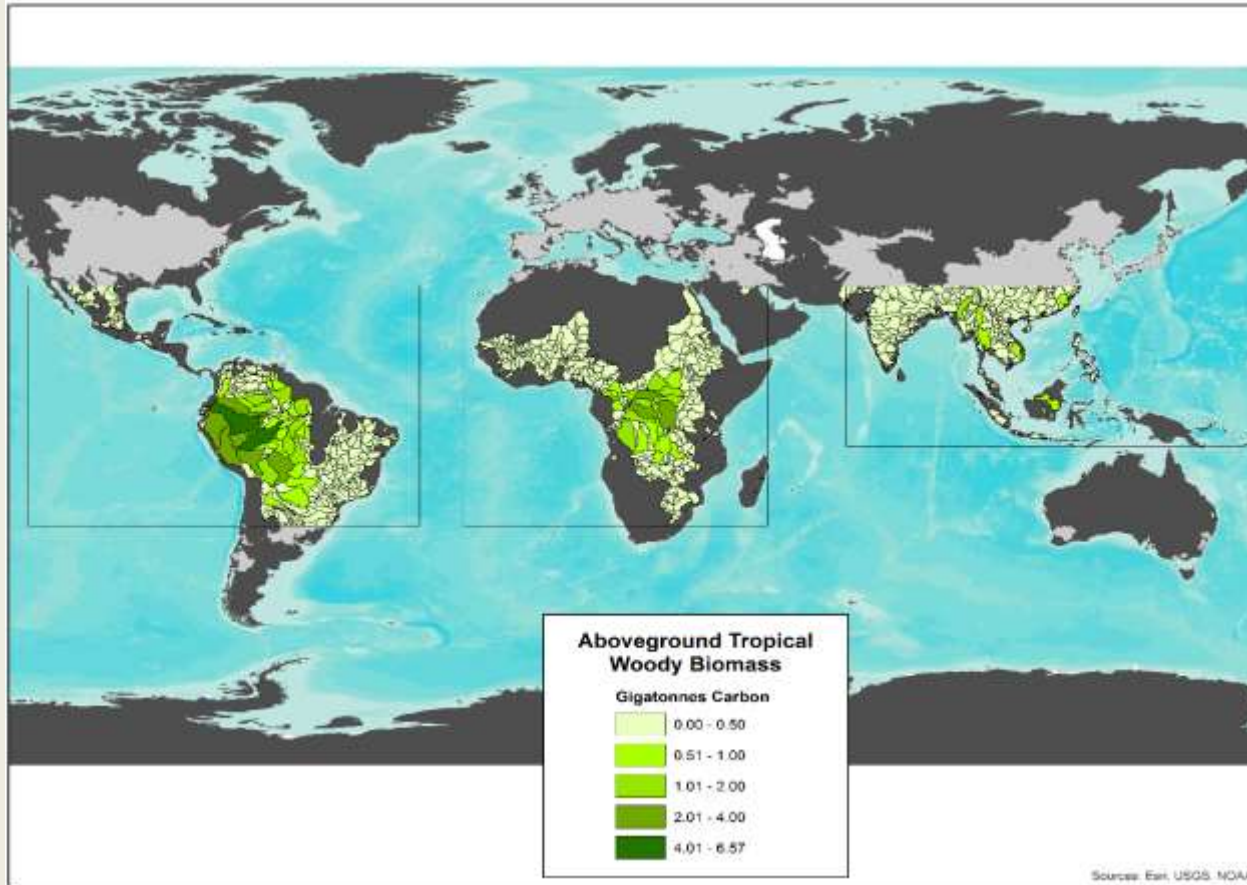


Opportunity Analyses: Biodiversity



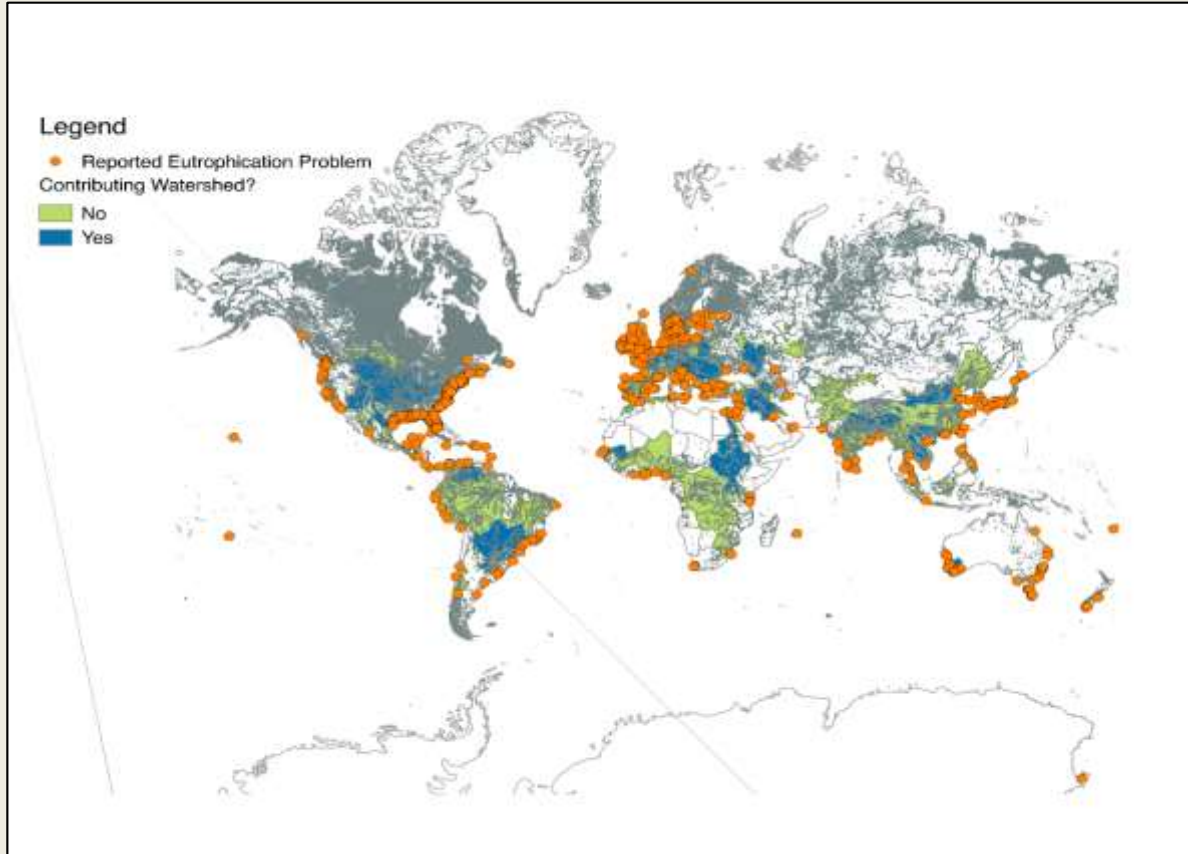
Protection or
management
of 4777
Important Bird
and Biodiversity
Areas could be
maintained or
increased

Opportunity Analyses: Carbon



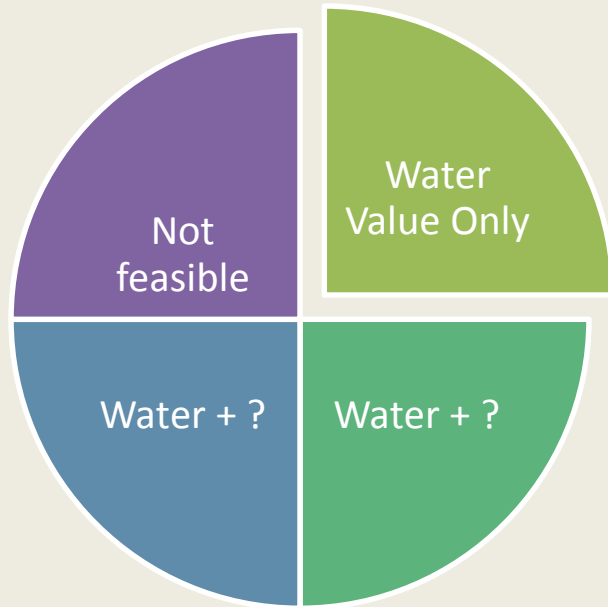
64% of the total aboveground carbon in all tropical woody vegetation is within our source watersheds and could be maintained through protection

Opportunity Analyses: Health



The frequency and severity of 26% of the world's reported coastal eutrophication areas could be reduced through source water protection in source watersheds

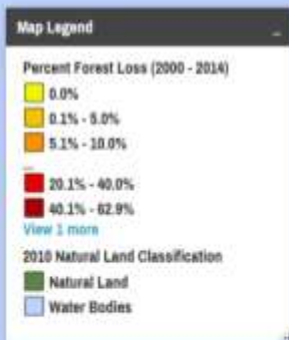
Revealing Value, One Benefit at a time for Cities



Nearly 1 in 4 cities could see a positive return on investment for O&M on water treatment alone

Multiple benefits, monetized=
? more cities

Mapping Site



- Visualize and compare risks and opportunities for source watersheds globally
- Explore sediment and nutrient reduction scenarios and implementation requirements
- Query existing water funds to identify analogs and access information on specific projects

CHALLENGES

- Connecting with other sectors to help solve their problems
- Consolidating the science, building the experience for climate mitigation and resilience
- Water is local: ‘scaling’ has to be about a connected, sophisticated social change movement

