

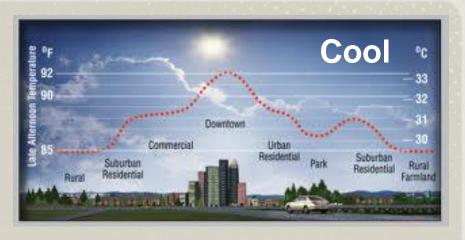
Designing Climate-Smart Conservation

Jad Daley
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THE TRUST for PUBLIC LAND
LAND FOR PEOPLE

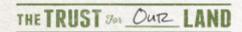
Green Infrastructure for Climate-Smart Cities













THE TRUST FOR PUBLIC LAND - NEW YORK







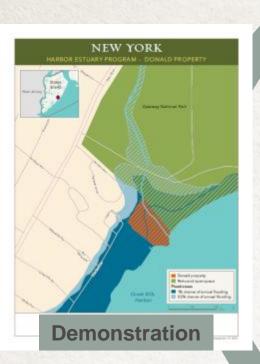


Climate-Smart Questions





Climate-Smart Cities Model for Integration

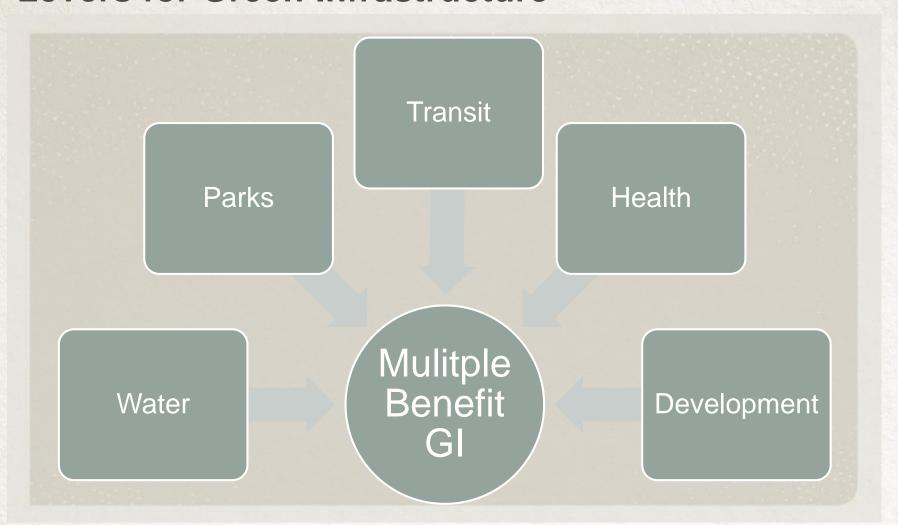


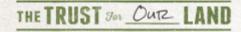
Climate-Smart City
Partnership





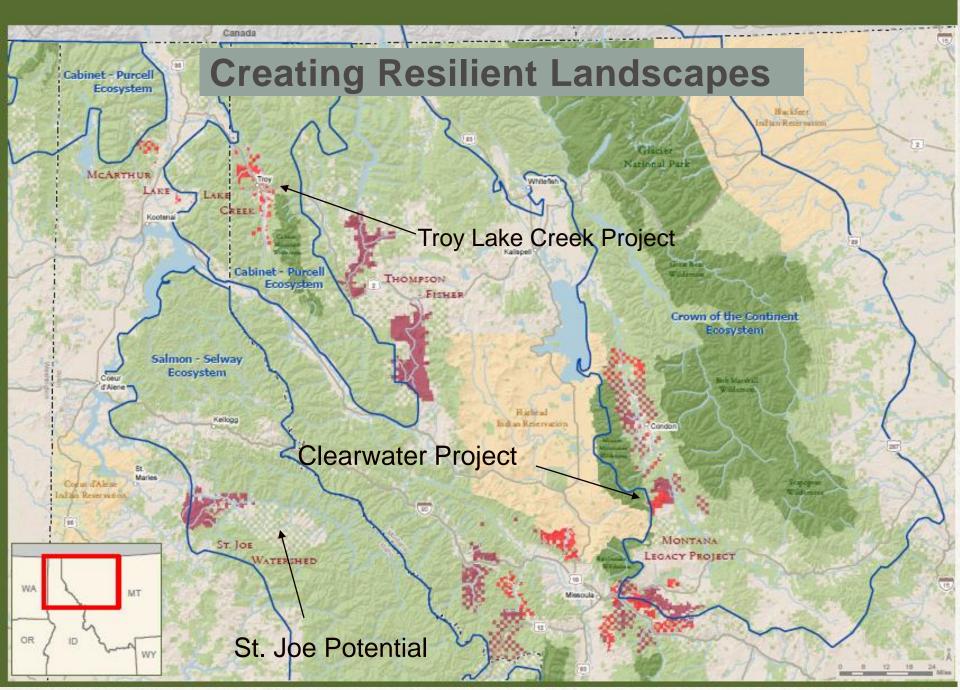
Opportunity: Help Cities Identify and Integrate Levers for Green Infrastructure







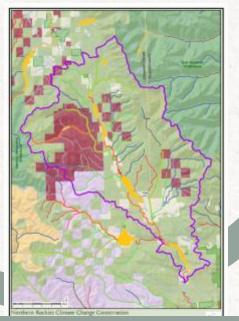
Northern Rockies Large Landscape Conservation



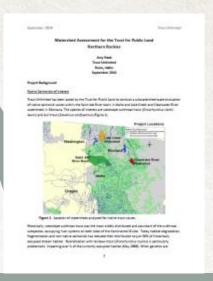
Resilient Landscapes Model for Integration





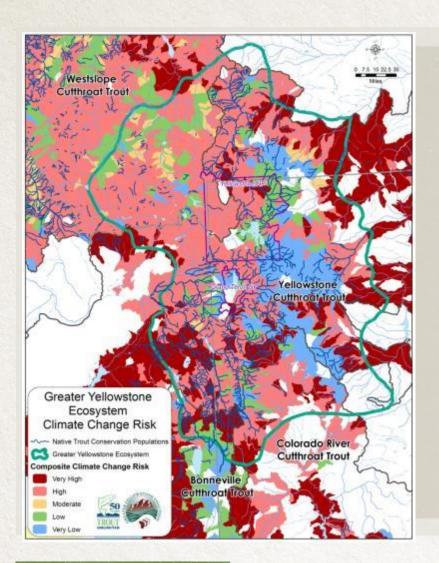


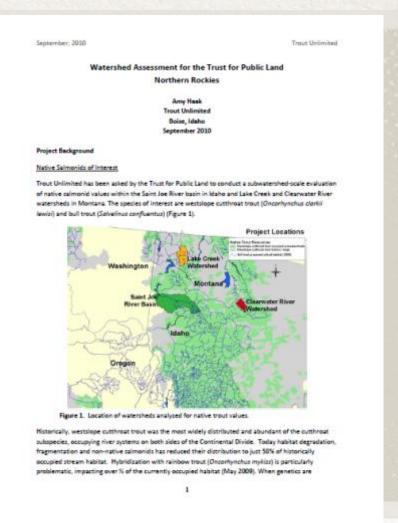
GIS Decision Support



Applied Research

Decision Support Must Go Deep on Science

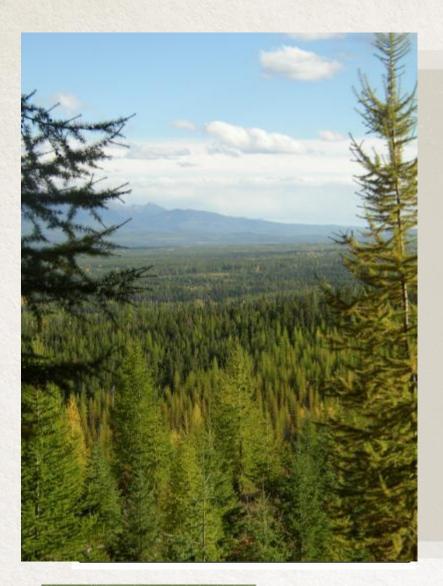


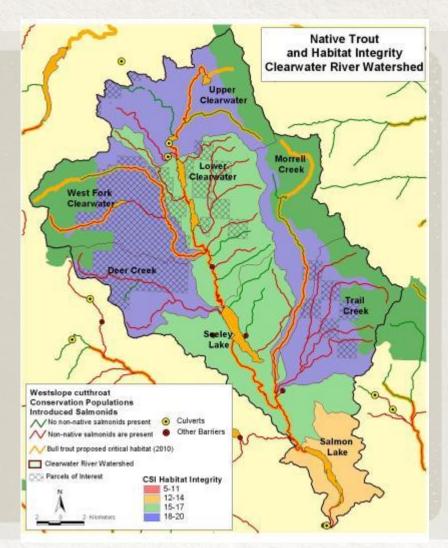






Clearwater Conservation Can Impact Resilience

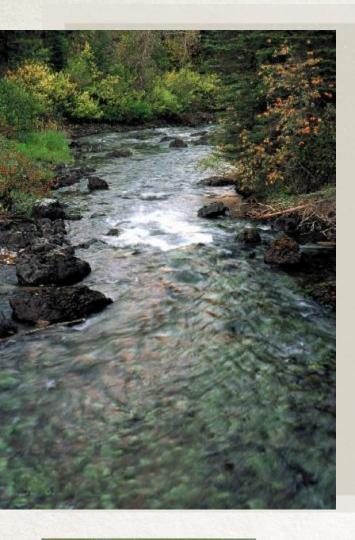








Protection from Development Is Not Enough



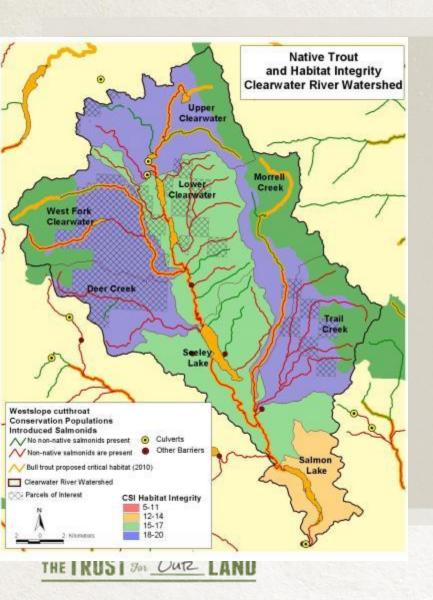
Trout Unlimited Climate Change Strategy

- 1. Protect diversity of remaining native populations.
- 2. Restore natural range of life history strategies.
- 3. Protect springs, headwaters and other sources of cold water.
- 4. Restore riparian habitats to provide shade.
- 5. Restore large woody debris and boulders in stream channels.
- 6. Remove in-stream barriers to fish movement.
- 7. Restore in-stream flows that have been reduced.
- 8. Minimize existing sources of stress, such as pollution, overgrazing, and roads.
- 9. Limit introductions of non-native fishes and control existing populations.
- 10. Monitor and evaluate habitats.





Using TU Science to Guide Clearwater Restoration



Restoration Priorities for Resilience

- 1. Emphasize West Fork and Deer Creek sub-watersheds
- 2. Restore healthy forest cover to reduce risk of winter flooding
- 3. Road decommissioning to restore connectivity and reduce sediment loading



