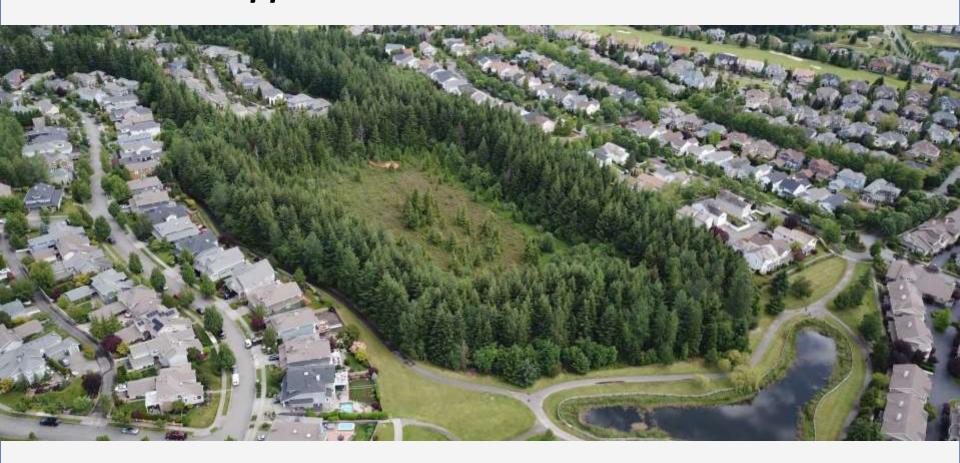
Ecosystem Services Valuation for Natural Capital Opportunities & Lessons Learned



Environmental Law Institute

Wetlands & Hazard Mitigation – Opportunities for Integration

Oct 31 – Nov 1, 2023





Lance Davisson, Owner / Principal Consultant

Project Management & Stakeholder Engagement



Zachary Christin, Research Economist

Ecosystem Services Valuation & Analysis

the keystone concep



Acknowledgements

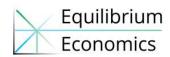
Ecosystem Sciences Foundation
Plan-It Geo
Colorado State Forest Service
Idaho Department of Lands
City of Snoqualmie, WA
King County and City of Seattle

Ecosystem Services Valuation *The Process*

VEGS Database

The world's leading database of ecosystem service values







Ecosystem Services Valuation The Process

Ecosystem Service Framework















Provisioning

Regulating









Supporting

















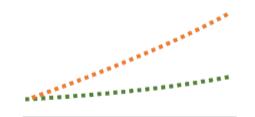
Spatial Data







Asset Value





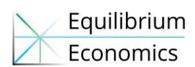
Emergency Scenario Analysis



Restoration & Recovery

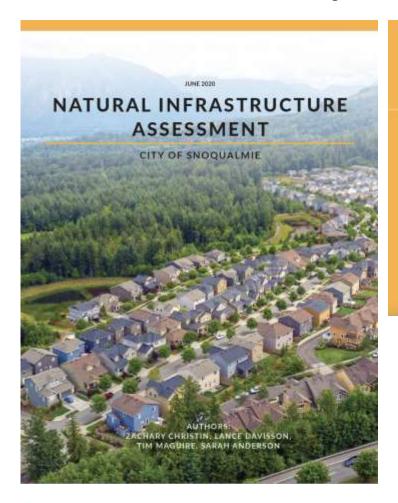


Asset Management





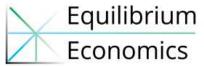
Ecosystem Services Valuation *The Value of Natural Capital -- Results*





LAND COVER MAP

CITY OF SNOQUALMIE





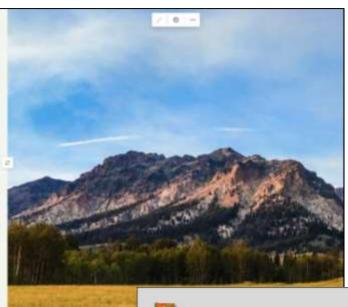
Ecosystem Services Valuation *The Value of Natural Capital -- Results*

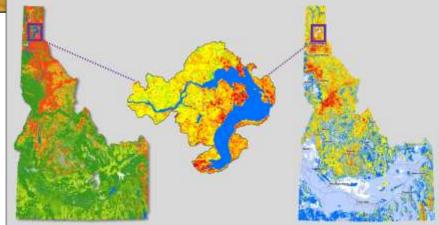
Idaho's Ecosystem Services Valuation (ESV) Explorer

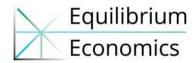
Examine Idaho's Natural Capital and the Value it Provides to Idahoans.

This project is fundable part by the MAN: Department of Lands in congenition with the USDATS.

Most



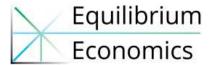






Ecosystem Services Valuation *The Value of Natural Capital -- Results*



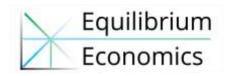




Valuing Natural Capital Lessons Learned

- Helps to have deeply invested partners co-creation of project, report, tools
- Policy concepts at the front
- Outputs and results in stakeholder's business case document/process
- Scoping "Discovery Phase"
- Simplify, communicate, target key policy goals / desired outcomes
- Scale matters







Valuing Natural Capital Opportunities





Equilibrium Economics

- The value of organic amendments current project with King County & City of Seattle Project
- Climate Action: natural capital accounting; carbon sequestration; functional landscapes
- Asset Management
- FEMA Mitigation Grants





THANK YOU!



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