

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



Acknowledgements

Ecosystem Sciences Foundation

Plan-It Geo

Colorado State Forest Service

Idaho Department of Lands

City of Snoqualmie, WA

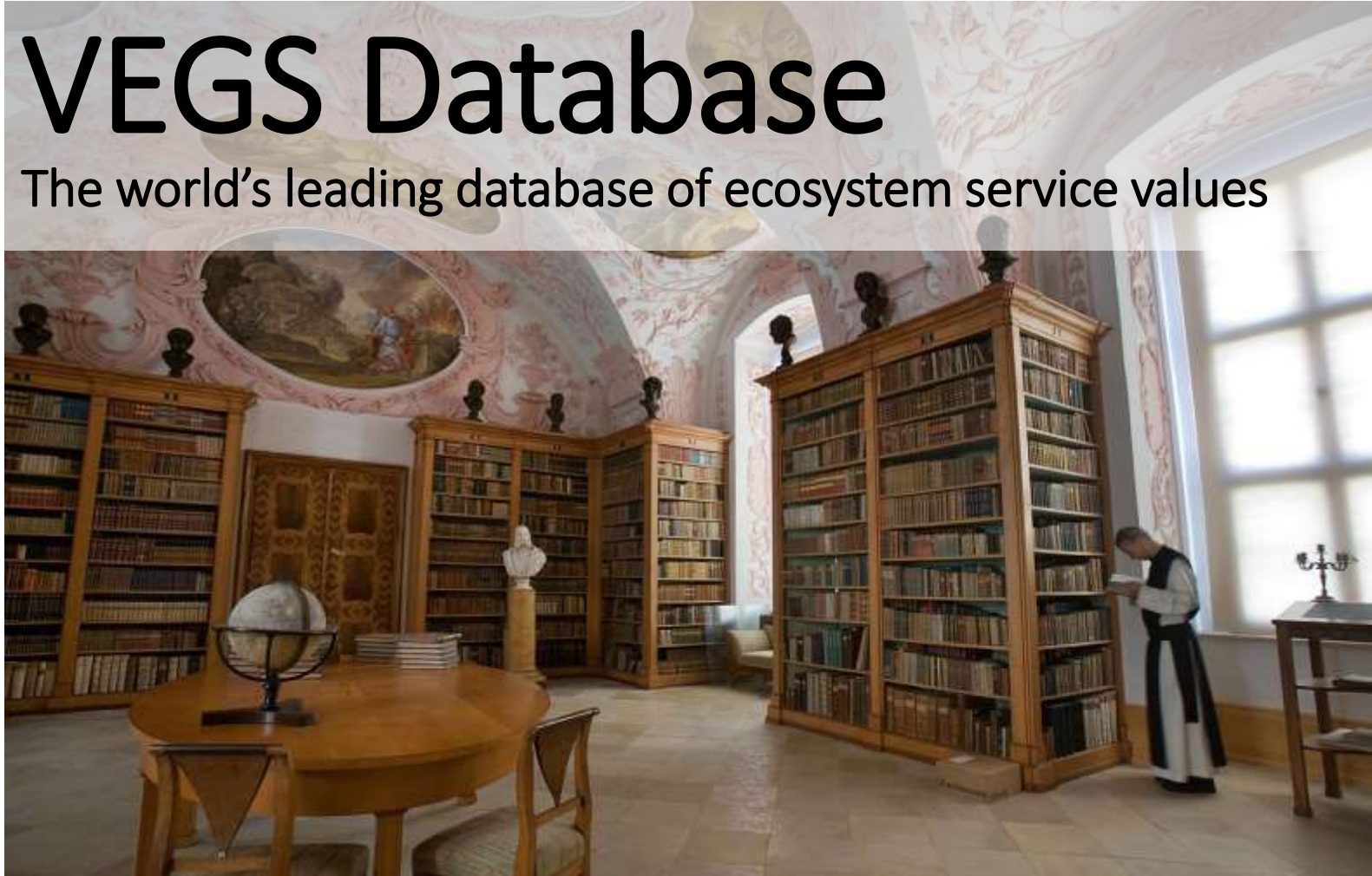
King County and City of Seattle

Ecosystem Services Valuation

The Process

VEGS Database

The world's leading database of ecosystem service values



Ecosystem Services Valuation

The Process

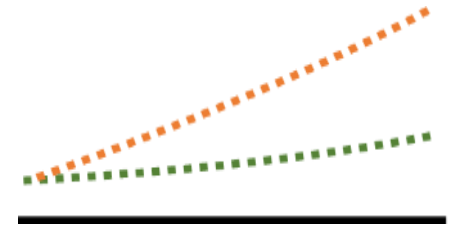
Ecosystem Service Framework



Spatial Data



Asset Value



Emergency
Scenario Analysis



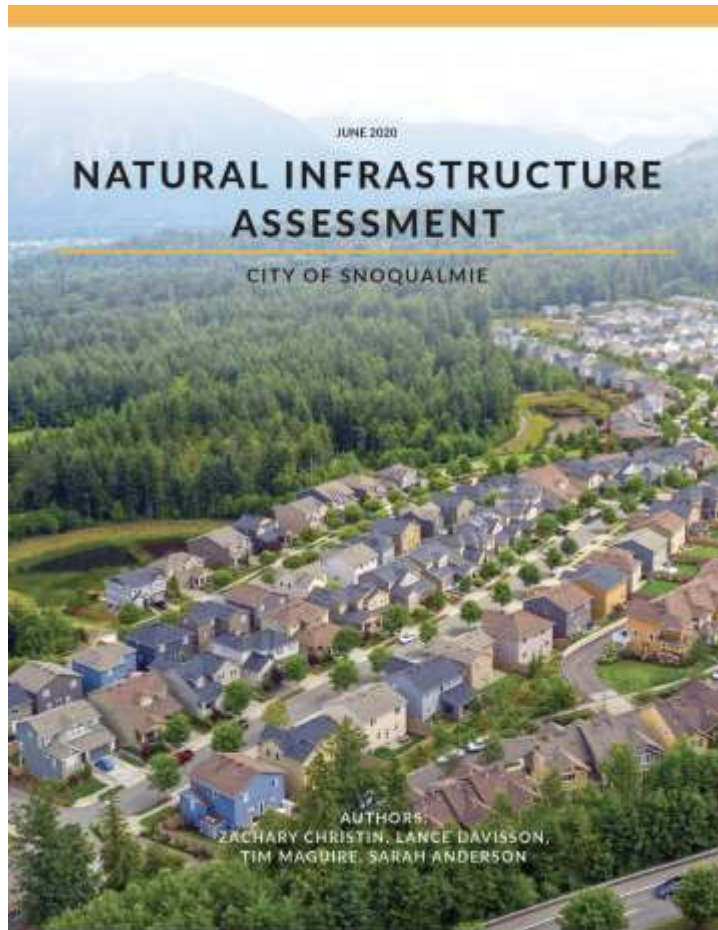
Restoration &
Recovery



Asset
Management

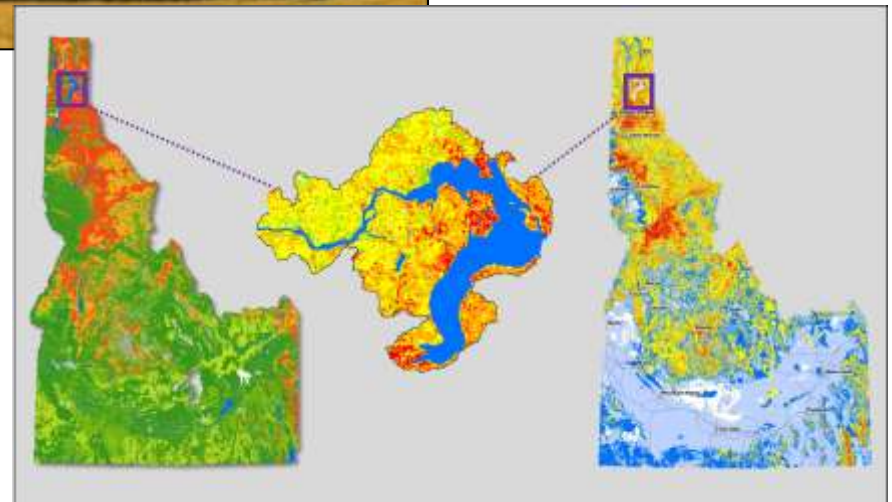
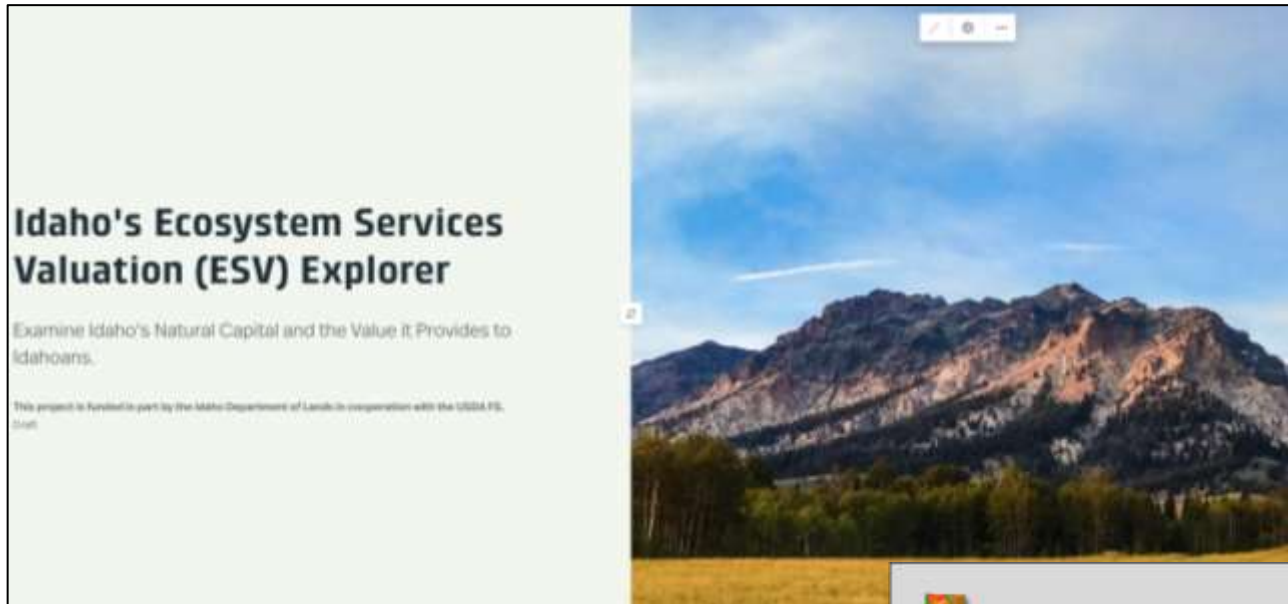
Ecosystem Services Valuation

The Value of Natural Capital -- Results



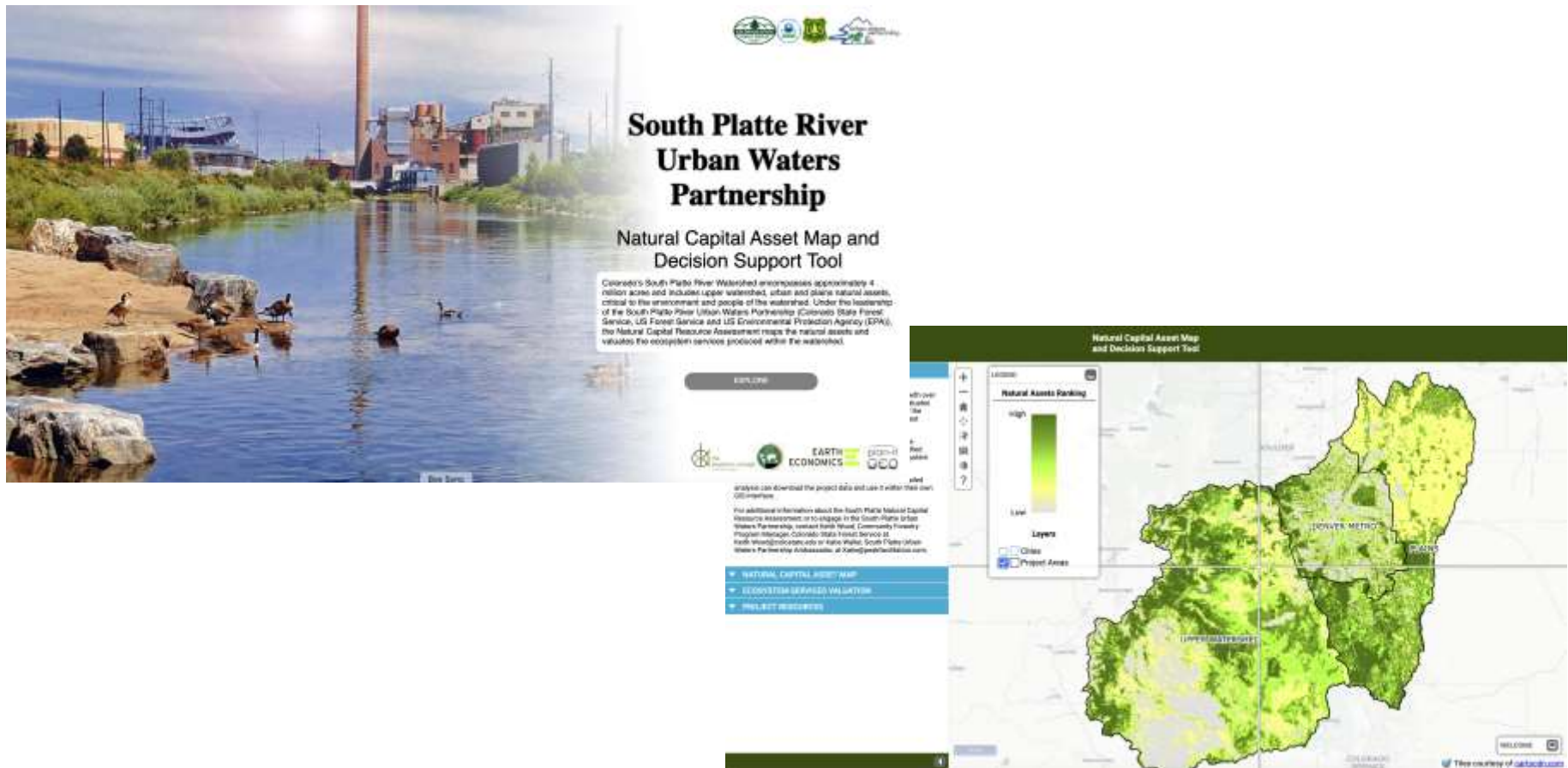
Ecosystem Services Valuation

The Value of Natural Capital -- Results



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*



- 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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Lance Davisson
Owner / Principal Consultant

ldavisson@TheKeystoneConcept.com



Zachary Christin
Research Economist

zac.christin@gmail.com