



# Seattle Steep Slope Restoration

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SEATTLE**  
PARTNERSHIP



**Seattle**  
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**Context Matters**



# Restoration Status

Status*	Total Acres	Acres of Steep Slope > 40%	Acres of Steep Slope > 66%	Number of Known Slide Points
Enrolled In Restoration	1788	531	107	46
Not Enrolled in Restoration	963	470	130	204
Total	2751	1001	237	250

\* as of 2019

GSP Reference Map: <https://arcg.is/1Lfiva0>



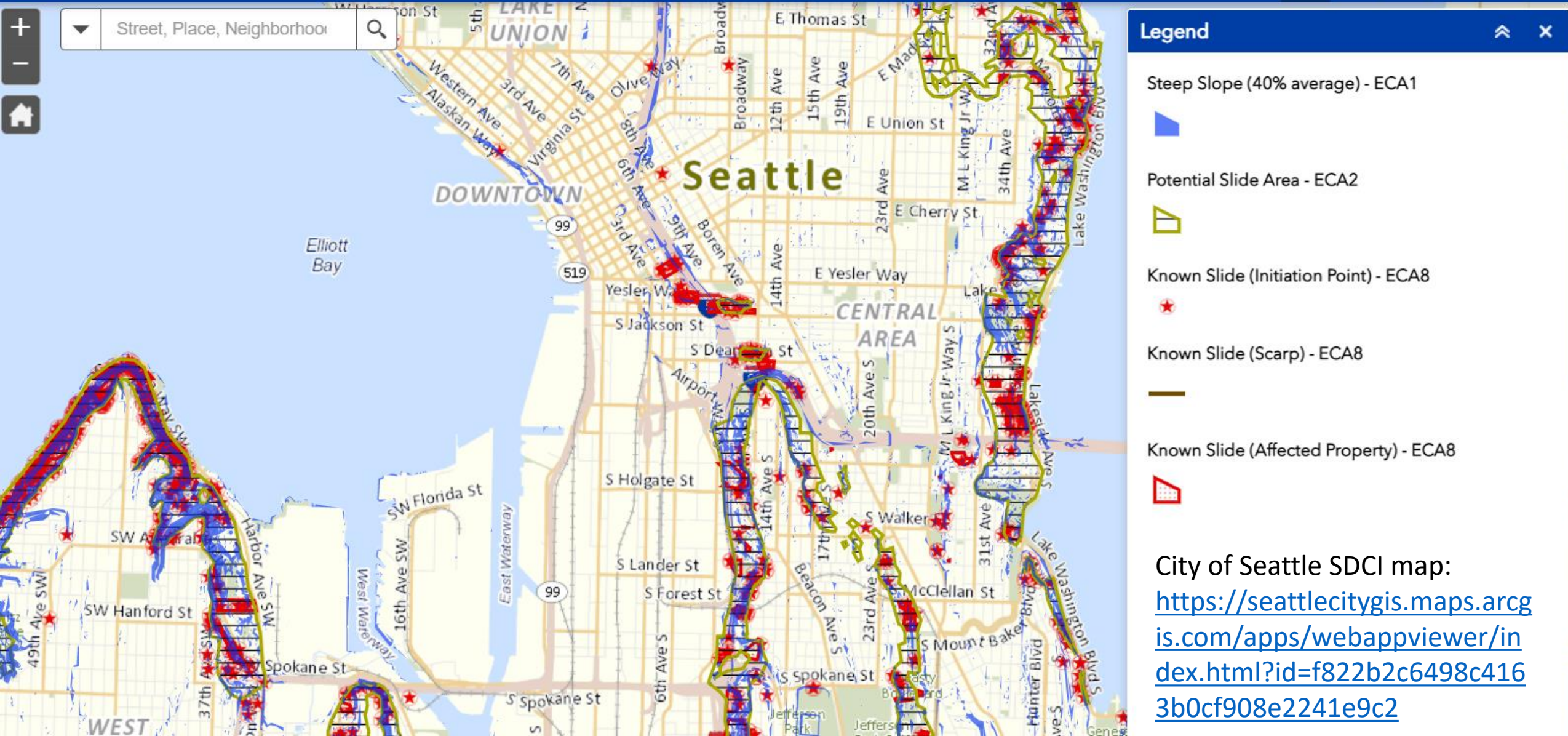


# Environmental Critical Areas



Seattle Department of Construction & Inspections GIS

City of Seattle SDCI Home



City of Seattle SDCI map:  
<https://seattlecitygis.maps.arcgis.com/apps/webappviewer/index.html?id=f822b2c6498c4163b0cf908e2241e9c2>



# Management Strategies

Know your site



Make use of cover



Keep soils covered



Use windrows and veg barriers



Reducing expectations





Increasing establishment



Adapting knowledge

Updated Dec 2021

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# Climate Change

1. Identify climate-vulnerable sites and manage accordingly, shifting species composition and managing density.
2. Identify refugia (i.e., moist ravines) and prioritize species and forest communities that are more vulnerable to climate change in these refugia

## Vulnerable Topographies:

- South and west aspects
- Well-drained soils that do not retain soil moisture
- Sites exposed to wind





# Landslide Response

- Incorporating slide response as climate adaptation action
- Building in budget flexibility
- Keeping materials and seed supplies
- Following up with planting and extended establishment
- Maintaining relationships







# GREEN SEATTLE

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healthy people healthy environment strong communities