

# Restoring Kincaid Ravine

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## Project Goals

1. Ecological restoration of Kincaid Ravine, a 4-acre urban forest that borders the Burke Gilman trail, in the northeast corner of UW-Seattle campus. Remediation of forest health and eco-system services in this neglected and unsafe area.
2. Engagement of students, academic units and the public, in the restoration and long-term stewardship of the ravine.



**Public Safety:** pre-restoration site riddled with garbage and needles



**Reason for Hope:** western trillium amidst a sea of invasive ivy

## Focused Objectives

Education: Creation of a forested outdoor laboratory for academic exploration of the natural world.

Hydrology: Improve function and health of stream and wetland habitat

Plants: Remove invasive species, establish resilient, native plant communities rich in bio-diversity

Erosion: control sediment movement on steep slopes



**Invasive species:** disrupt natural processes and decrease biodiversity

## Innovative Treatments

- Live stakes treated with natural 'willow water' root hormone.
- Cutting and covering of reed canary grass with burlap sacks
- Assessing hydrological conditions in order to restore wetland hydrology and increase ecological services such as water quality treatment, storage and habitat diversity.
- Endophyte (beneficial microorganisms) assisted Western Red Cedar and Douglas Fir conifer establishment.
- Fascine and macro-mulch natural erosion control.
- Development of pollinator gardens to attract native pollinators.



Inquiries or financial contributions  
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