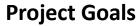
## Restoring Kincaid Ravine

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- 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**

<u>Education</u>: Creation of a forested outdoor laboratory for academic exploration of the natural world.

<u>Hydrology</u>: Improve function and health of stream and wetland areas

<u>Plants</u>: Remove invasives, establish resilient, native plant communities rich in bio-diversity

<u>Erosion</u>: control sediment movement on steep slopes



**Invasive species:** disruption of natural processes and decrease in biodiversity

## **Innovative Treatments**

- -Live stakes treated with natural 'willow water' root hormone.
- -Endophyte (beneficial microorganisms) assisted Western Red Cedar and Douglas Fir establishment.
- -Fascine and macro-mulch natural erosion control.











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