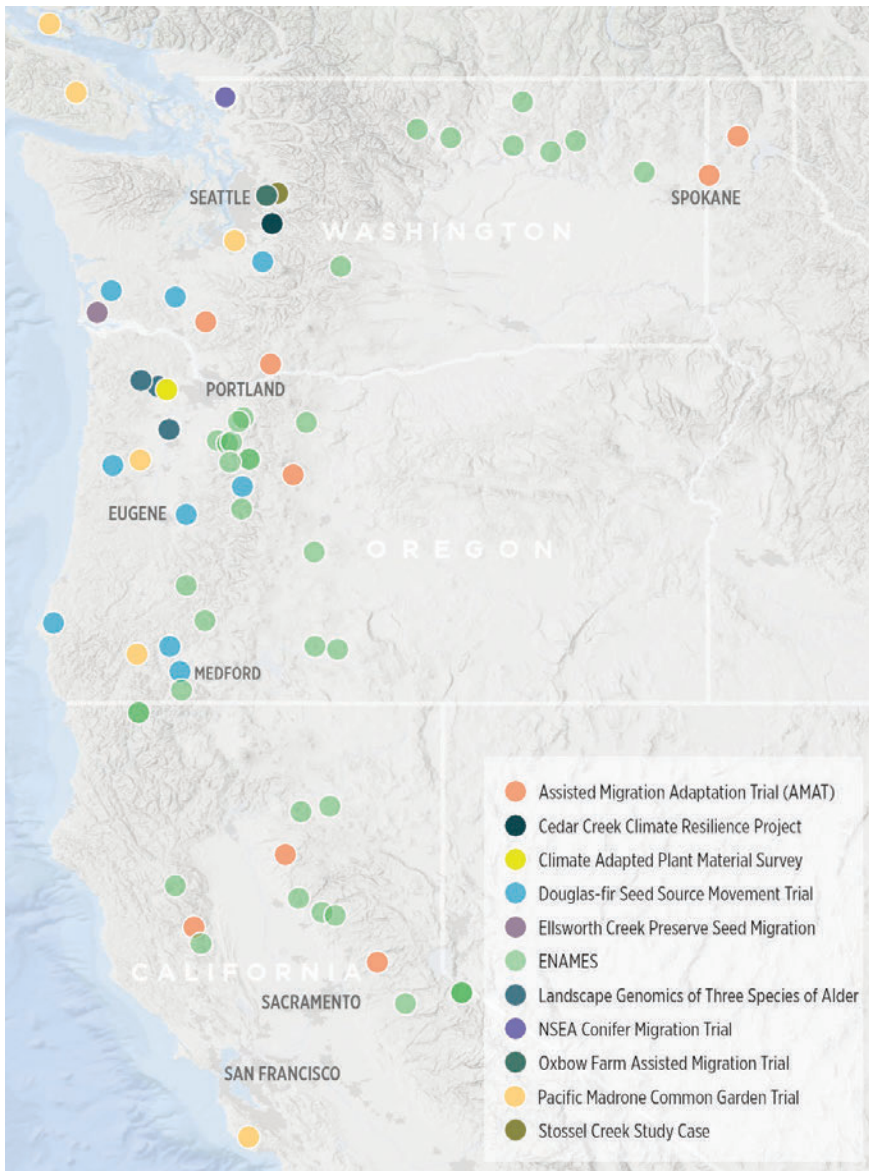


# Past, Ongoing and Planned Assisted Migration Trials

The map below shows planting locations for assisted migration trials that have been implemented or are planned across the Pacific Northwest. These include trials examining assisted population migration, range expansion, and assisted species migration.



For more details on the trials shared click [here](#).

## Assisted Migration: Climate Adaptation on a Spectrum



### Seed Migration

Seed sources moved climatically or geographically within their current ranges



### Range Expansion

Seed sources or plant materials are moved to suitable areas just outside of ranges



### Species Migration

Species moved outside current ranges to prevent extinction or to be a surrogate for another species in decline

Williams & Dumroese (2014)

The trials shown on the map on the left are information gathering endeavors that tackle a range of potential climate adaptation actions for tree species that fall under the broad category of assisted migration. Seed migration may be referred to as the most conservative option in this framing, and is the focus of the majority of trials. Some trials seek to better understand how particular species will fare just outside of their current identified range, known as range expansion, which is an action with some additional risk compared to seed migration. The third category, assisted species migration, is only being addressed in a handful of the trials depicted. While discussions of assisted migration often jump to this third option, it tends to carry greater risk of unintended consequences, and many of the trials addressing this are small in scale and include species migration in addition to seed migration and/or range expansion.

