

Resilience and Adaptation

To be viewed in conjunction with Select Resilience Terminology handout from Lake Tahoe West Restoration Partnership (04/04/17).

Persistence

Management aims to maintain current conditions in the current system

Autonomous Change

No management response to create certain conditions, lets system evolve without human intervention

Directed Change

Management response intends to create certain conditions in current system, even in the face of changing climate and disturbance regimes, while humbly recognizing the system's complexity, inherent dynamism, and non-linearity

Transformative Change

Management response intends to create a new system that functions better under new climate and disturbance regimes

Examples from Lake Tahoe West

purposely avoid any treatment of some of the CA spotted owl (CSO) habitat

State Parks avoids treating parts of their lands and monitors what happens

thin some portion of CSO habitat to minimize wildfire risk, while still maintaining sufficient viable CSO habitat to avoid abandonment

encourage incense cedar, white fir, and ceanothus to replace mixed conifer forest

