

Lightning Talk

Climate Adaptation: Establishing *Abies Religiosa* Overwintering Sites Beyond the Natural Upper Range

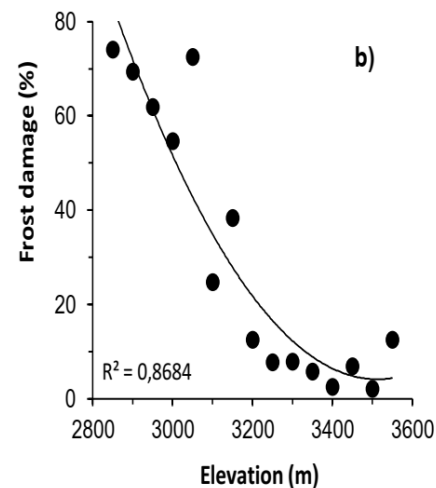
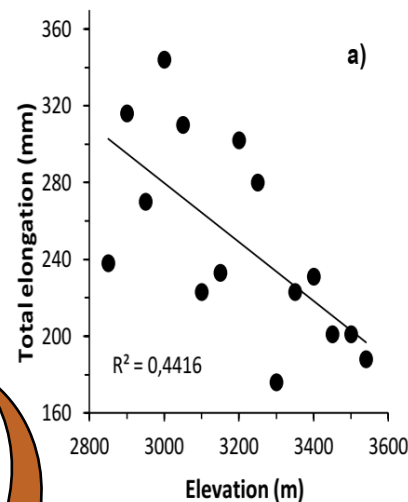
Cuauhtemoc Saenz Romero

UMSNH





El Picacho ?
3580 m



3700 m

Zone 3

3350 m

Zone 2

3000 m

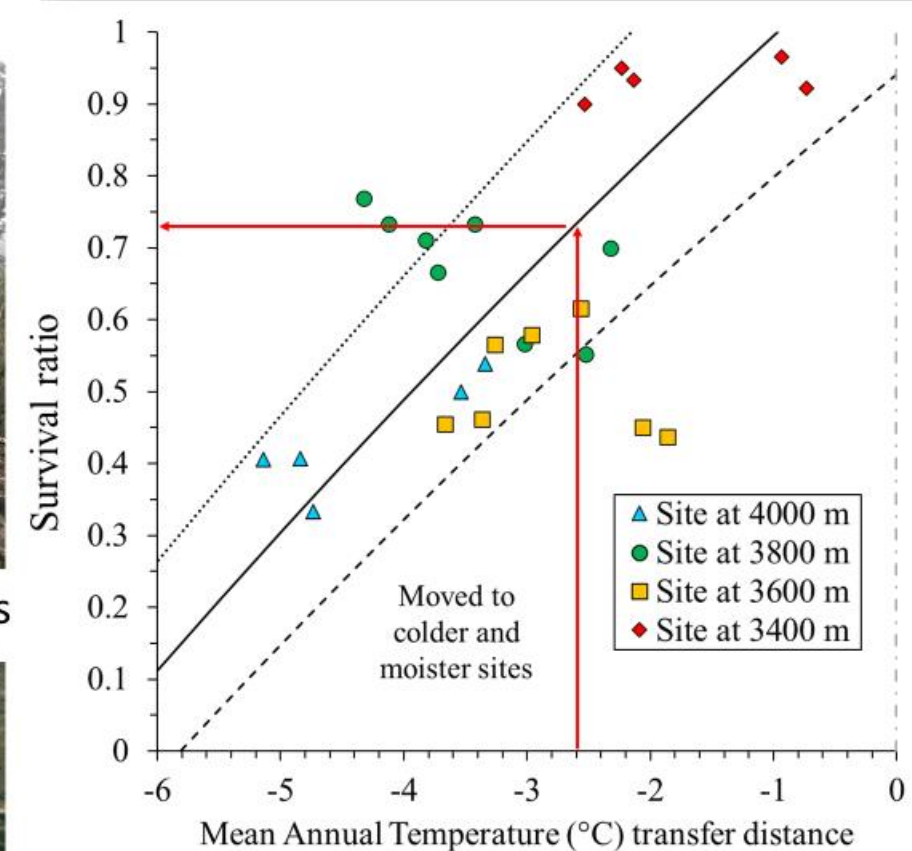
Zone 1

2650 m



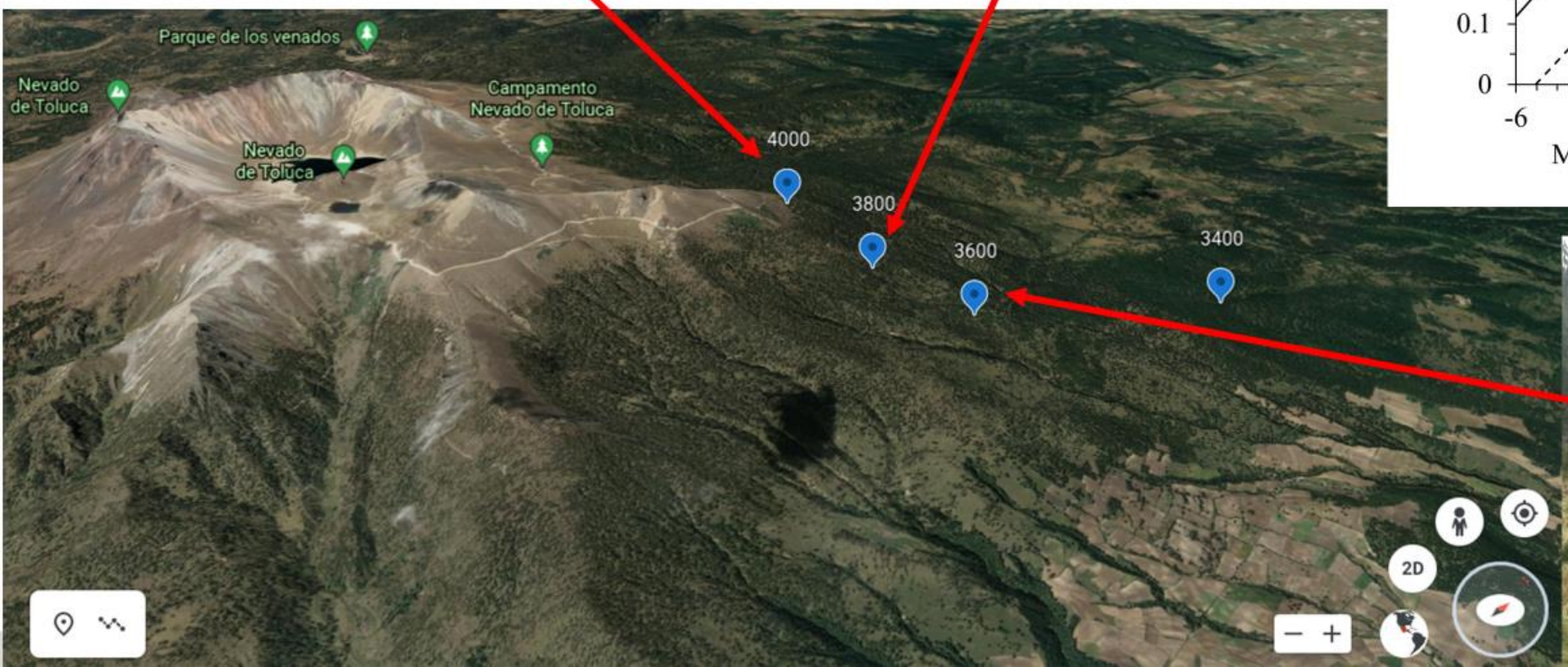
Assisted migration by shifting upward 350 m in altitude
Abies religiosa, to realineate for 2030 or 2060 climate

Pinus pseudostrobus



Species range expansion of *Abies religiosa*, by shifting provenances upwards, beyond the natural limit, at Nevado de Toluca

Sáenz-Romero et al 2024. Frontiers





Exchange of knowledge with local actors is a key factor
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of San José del Rincón, Estado de México

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<https://www.youtube.com/watch?v=6UKYqAoIpnE>