

Drivers of change and adaptation tools for reducing the impact of invasive plants under a changing climate

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Summary Climate change is likely to facilitate invasion by exotic plant species via a range of processes, from changes in introduction pathways to invasive spread facilitated by changed environmental conditions. In addition, many exotic invasive plant species have traits that will make them highly successful invaders under a changing climate, resulting in a shift to more exotic-dominated vegetation. This talk examines

the main drivers of vegetation change under climate change and how these may affect the relative success of native and exotic plant species. It also looks at current climate adaptation tools for reducing the impact of invasive plants under a changing climate.

Keywords Climate change, weed futures, invasion mechanisms.