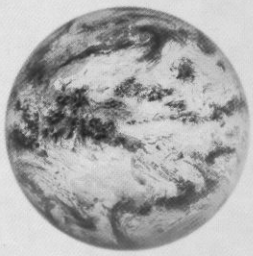
The impact of invasive species on native vegetation is a major threat to biodiversity all over the world — a threat ranked second only to habitat destruction. Other negative effects of weed invasions include reduced ecosystem services, losses to agricultural production and impacts on human health.



Weed Risk Assessment is the first publication to explore the discipline of risk assessment as applied to the invasion ecology of plants. Taking a global context, it synthesizes recent theories on plant invasions, introduces a variety of models for weed risk assessment, and addresses procedures for ranking invasive species on a range of scales to determine the relative significance of weeds. It shows how the application of risk assessment to weed invasion may help reduce weed impact and thereby improve living conditions for people throughout the world.

Weed Risk Assessment is aimed at invasion ecologists, botanists, quarantine and noxious weed officers, policy-makers and community groups wanting to know more about this developing discipline. Written by some of the world's leading authorities in the area, it will serve as a benchmark publication from which to assess progress in this new field of endeavour.

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