

# Protecting Forests from Invasive Species through Enhanced International Cooperation

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## Invasive Species

Why are invasive species an international forest health issue?

What instruments and tools have been developed to prevent or mitigate ?

How do we enhance future international cooperation?

## Environmental impacts

The second cause of biodiversity loss after habitat loss and a top driver of global environment change



## Forests are at risk—world wide



- ◆ Trade (increased)
- ◆ Travel (faster)
- ◆ Transport (further)

Regulatory systems worldwide are overwhelmed with the increasing volume of international trade



## Pathways

Trade in nursery stock, wood products, and pallets have proven the most common means of transport for exotic forest pests

Pathways are ever changing and **pathway analysis** must be done continually to assess new threats



## Commitment to International Regulatory Efforts is Needed

Over 50 international legal instruments deal with some aspect of invasive species prevention or management.

International Plant Protection Convention (IPPC)

## Invasive Species Networks and Databases

What they do, how they work. How they work best

Ways to improve linkages within and between existing networks

What new Networks and Databases are needed?

# Mountain Invasion Research Network MIREN

A global network aimed at understanding plant invasions into mountain areas and developing management strategies

Invasive Species Networks that focus on the ecosystems most vulnerable to invasion



Climate change influence?

<http://www.miren.ethz.ch>

## How do we enhance future international cooperation?

- Increase awareness
- Prevention-- pathways
- Networks and Databases

