




- Documenting and describing biodiversity
- Ecology and ecosystem functioning
- Biodiversity and sustainable livelihoods



# Sectoral impacts on biodiversity and ecosystem services

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Project co-ordinator



SIMBIOSYS



# TEAM EFFORT!



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[www.tcd.ie/research/simbiosys](http://www.tcd.ie/research/simbiosys)

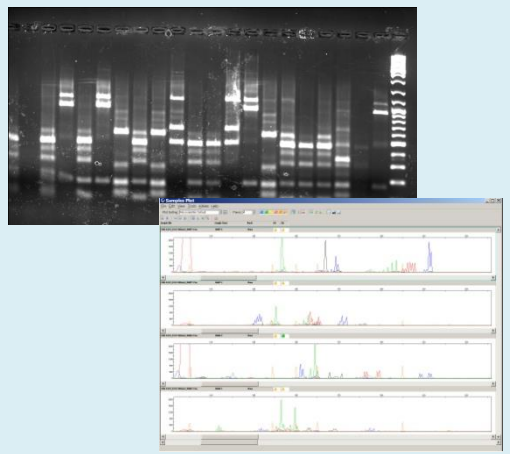


### Sectors



### Biodiversity

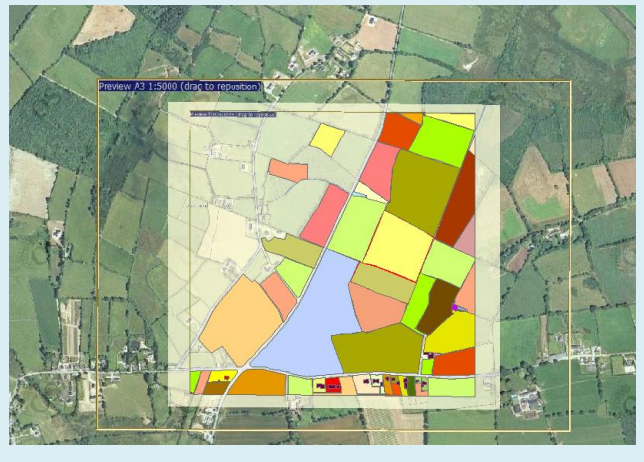
#### Genetic



#### Species



#### Habitats



Ecosystem service	Examples
Provisioning	Food, water <small>SIMBIOSYS</small>
	Raw materials, medicinal & ornamental resources
	Biofuels <small>SIMBIOSYS</small>
Regulating & Maintenance	Bioremediation, wastewater treatment <small>SIMBIOSYS</small>
	Wind breaks, water storage...
	Global climate regulation, water purification, formation and maintenance of soil <small>SIMBIOSYS</small>
	Life cycle maintenance, biological control of pests and diseases <small>SIMBIOSYS</small>
Cultural	Areas of natural beauty, sense of peace <small>SIMBIOSYS</small>
	Nature watching, hunting/fishing, scientific research, education



# SIMBIOSYS Invasive Species & Roads Workshop

**10:30 Pádraig Whelan (UCC)** Invasive alien plants on Irish roads – an overview of the biological challenges.

**11:00 Christian Nea (NRA)** The National Roads Authority and non-native invasive plants.

**11:30 Gerry Lecky (NPWS)** Invasive alien plants - implications of the 2011 European Communalities (Birds and Natural Habitats) Regulations.

**12:00 Paul Murphy (EirEco Environmental Consultants)** Management of invasive alien plants during road construction.

**13:30 Micheline Sheehy Skeffington (NUIG)** *Gunnera tinctoria* wild rhubarb: how can it be a threat?

**14:00 Sean Hathaway (Swansea Council)** Invasive non-native species - a City and County of Swansea perspective.

**14:30 John O'Donovan (O'Donovan Agri Environmental Services)** Curtailing infestation spread using chemical control techniques on Irish road infrastructure.

**15:00 Rosalyn Thompson (UCC)** Developing landscaping and management regimes that resist invasion by invasive alien plants.