

Biological, ecological, and economic effects of invasive species

Economic globalization and an increasingly mobile society have led to alarming increases in the movement of exotic organisms. Many exotics are invasive organisms that can alter ecosystems and impede our ability to meet food and fiber needs. Australia has borne the brunt of numerous invasions, and has been at the head of the battle against invasive species. The cane toad, European rabbit, and red imported fire ant are just some examples we will address as this course takes students to the forefront of the battle against invasives. Australia has proactive research and regulatory approaches to mitigating exotic species invasions, including formation of the Invasive Animals Cooperative Research Centre. We will take an excursion to a Research/Demonstration site to help develop an understanding of the biology and ecology of biological invasions, and gain insight into means of minimizing their impact.

Based in Sydney, we will have opportunities to visit the Royal Botanic Gardens, the Taronga Zoo, the Sydney Aquarium, and the Australian Museum. The Blue Mountains and the Barrens Grounds Nature Reserve are also accessible from the city.

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3 credits, graduates and undergraduates invited (ENT 395/695) Application deadline: 28 February 2007 (space is limited) Cost: \$5495 includes round trip air fare, accommodations, some meals, State Transit Sydney Pass Financial assistance may be available.

> You may also contact: or

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