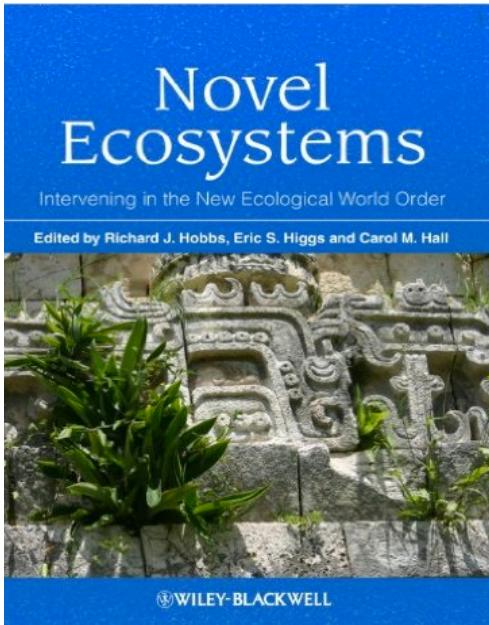


Ecología e Intervención en Bosques Noveles: Lecture 1



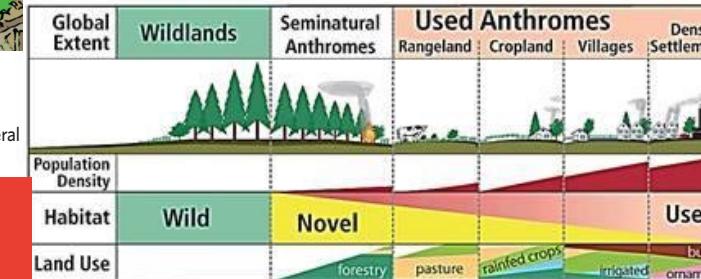
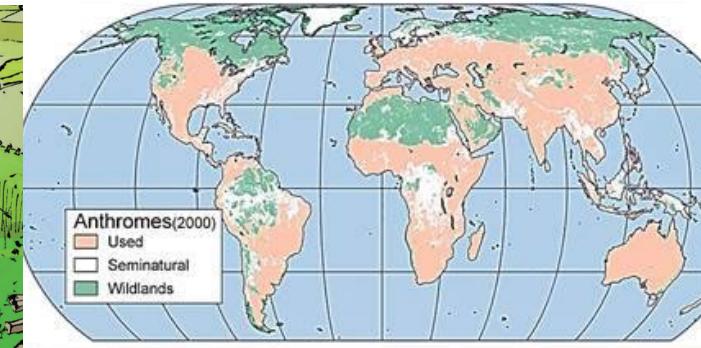
¿Qué son ecosistemas noveles? ¿Por qué son importantes? ¿Cómo manejarlos?



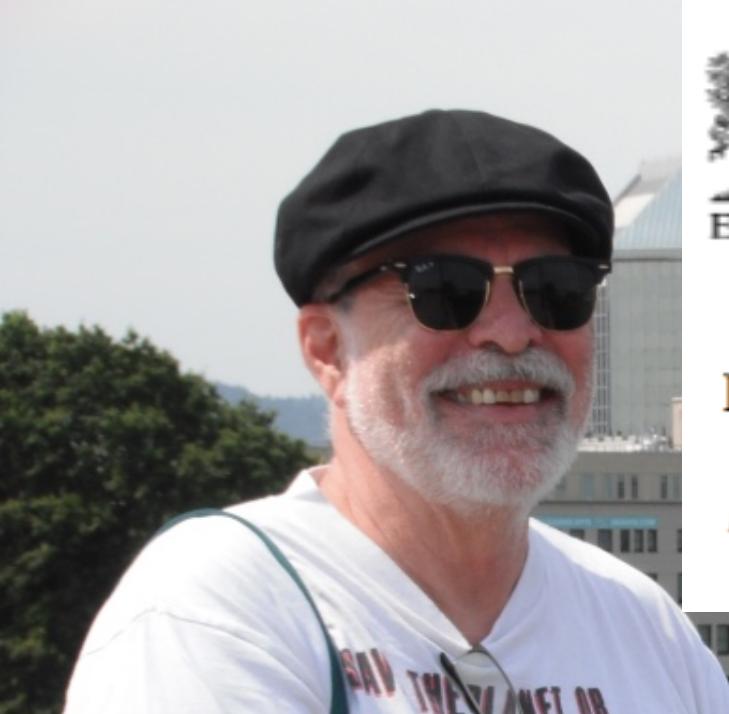
RAGAMUFFIN EARTH

A small group of ecologists is looking beyond the pristine to study the scrubby, feral and untended. **Emma Marris** learns to appreciate 'novel ecosystems'.

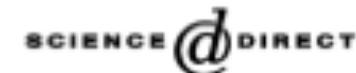
NATURE | Vol 460 | 23 July 2009



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Forest Ecology and Management 190 (2004) 145–161

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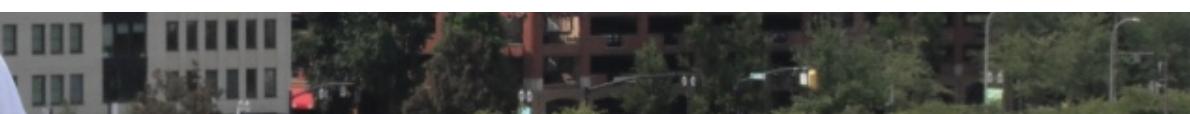
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Emerging forests on abandoned land: Puerto Rico's new forests

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Received 8 June 2003; received in revised form 24 August 2003; accepted 24 September 2003



BIOTROPICA 41(5): 589–591 2009

10.1111/j.1744-7429.2009.00550.x

COMMENTARY

The Emerging Era of Novel Tropical Forests

Ariel E. Lugo¹

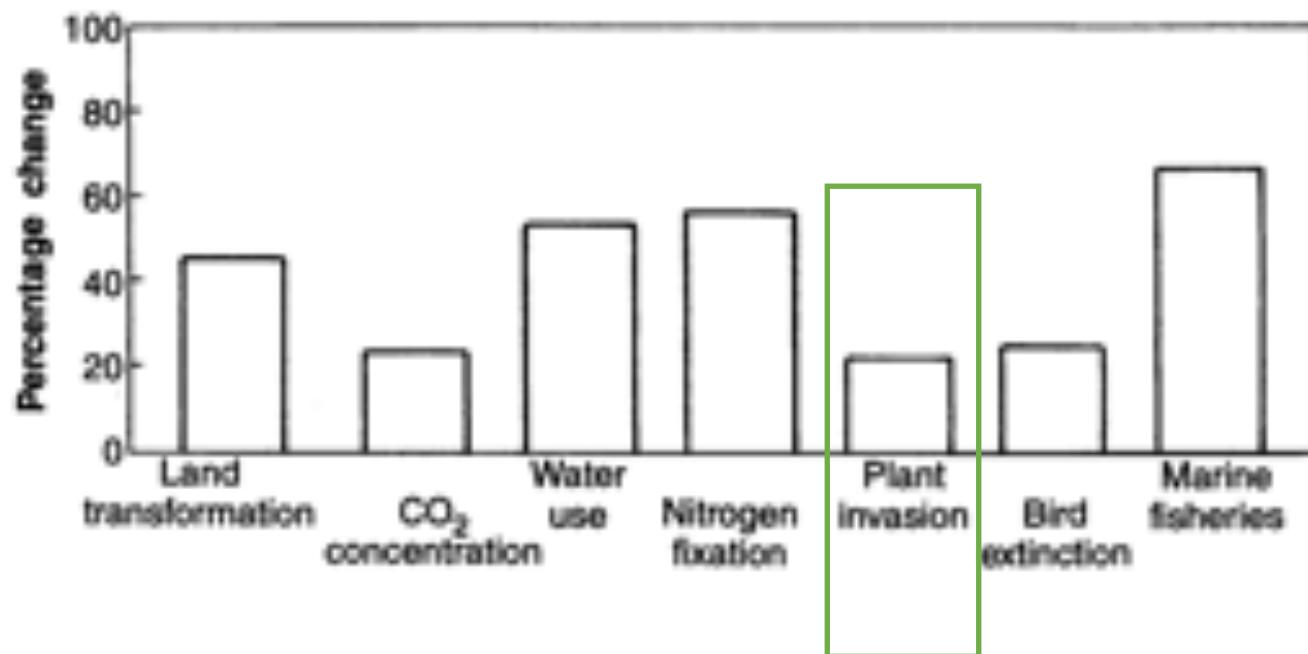
International Institute of Tropical Forestry, USDA Forest Service, 1201 Ceiba St. Jardín Botánico Sur Río Piedras, Puerto Rico



Human Domination of Earth's Ecosystems

Peter M. Vitousek, Harold A. Mooney, Jane Lubchenco, Jerry M. Melillo

www.sciencemag.org • SCIENCE • VOL. 277 • 25 JULY 1997



Ecological Monographs, 59(3), 1989, pp. 247–265
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BIOLOGICAL INVASION BY *MYRICA FAYA* IN HAWAII: PLANT DEMOGRAPHY, NITROGEN FIXATION, ECOSYSTEM EFFECTS¹

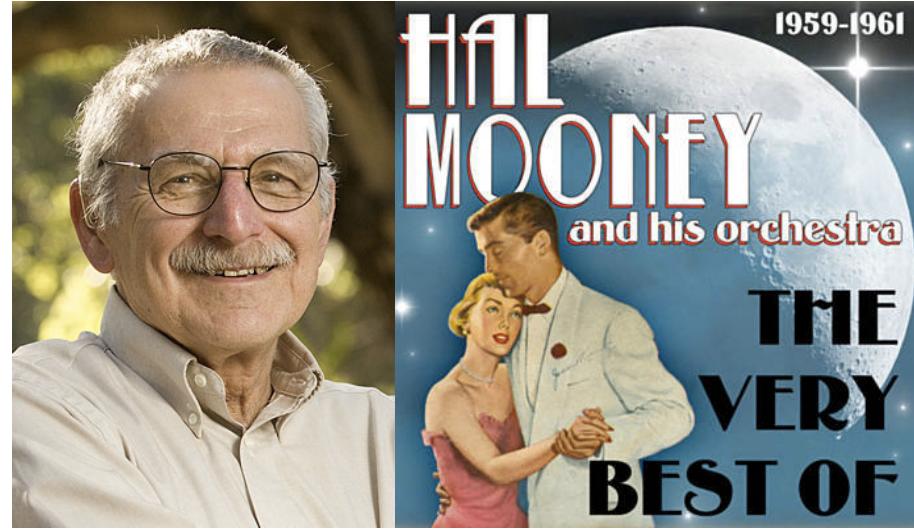
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Peter Vitousek won the 2010 Japan Prize in the field of biological production and environment







Global Ecology and Biogeography, (Global Ecol. Biogeogr.) (2006) 15, 1–7

ECOLOGICAL
SOUNDING



Novel ecosystems: theoretical and management aspects of the new ecological world order

Richard J. Hobbs^{1*}, Salvatore Arico², James Aronson³, Jill S. Baron⁴, Peter Bridgewater⁵, Viki A. Cramer¹, Paul R. Epstein⁶, John J. Ewel⁷, Carlos A. Klink⁸, Ariel E. Lugo⁹, David Norton¹⁰, Dennis Ojima⁴, David M. Richardson¹¹, Eric W. Sanderson¹², Fernando Valladares¹³, Montserrat Vilà¹⁴, Regino Zamora¹⁵ and Martin Zobel¹⁶

NOVEL ECOSYSTEMS

INTERVENING IN THE NEW ECOLOGICAL WORLD ORDER



Hoh Rainforest, Olympic National Park, Washington, USA (Photo: RJ Hobbs)

*“Do not let spacious plans for a new world divert your energies
from saving what is left of the old.” Winston Churchill*



Pinus radiata invading grassland in the Mackenzie Basin, New Zealand (Photo: RJ Hobbs)

