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# ENVIRONMENTAL SCIENCE

FOR A CHANGING WORLD  
WITH EXTENDED COVERAGE

SUSAN KARR  
ANNE HOUTMAN  
JENEEN INTERLANDI

INCLUDING

ENVIRONMENTAL HEALTH

Eradicating a Parasitic Nightmare

PRESERVING BIODIVERSITY

A Forest Without Elephants

FEEDING THE WORLD

A Gene Revolution



# Scientific American Environmental Science For A

**MS Susan Karr**



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Allaby,2002-01-04 The new edition of this popular student text offers an engaging introduction to environmental study It covers the entire breadth of the environmental sciences providing concise non technical explanations of physical processes and systems and the effects of human activities In this second edition the scientific background to major environmental issues is clearly explained These include global warming genetically modified foods desertification acid rain deforestation human population growth depleting resources nuclear power generation descriptions of the 10 major biomes Special student text features include illustrations and explanatory diagrams boxed case studies concepts and definitions **The**

**Environmental Science of Drinking Water** Patrick Sullivan, Franklin J. Agardy, James J.J. Clark, 2005-08-01 In today's chemically dependent society environmental studies demonstrate that drinking water in developed countries contains numerous industrial chemicals pesticides pharmaceuticals and chemicals from water treatment processes This poses a real threat As a result of the ever expanding list of chemical and biochemical products industry current drinking water standards that serve to preserve our drinking water quality are grossly out of date Environmental Science of Drinking Water demonstrates why we need to make a fundamental change in our approach toward protecting our drinking water Factual and circumstantial evidence showing the failure of current drinking water standards to adequately protect human health is presented along with analysis of the extent of pollution in our water resources and drinking water The authors also present detail of the currently available state of the art technologies which if fully employed can move us toward a healthier future Addresses the international problems of outdated standards and the overwhelming onslaught of new contaminants Includes new monitoring data on non regulated chemicals in water sources and drinking water Includes a summary of different bottled waters as well as consumer water purification technologies

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