

# Topics And Terms In Environmental Problems

Reviews & Notices

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covers such topics as their origins and destinations, the extent of world trade in birds, numbers of individuals involved, relative frequencies of families, groups, or species, and mortalities suffered; it includes distressing photographs illustrating examples. In the final section, eleven recommendations are made by the RSPB for the improvement of the present deplorable situation.

*Albatross Birds*—published a year later—records that the Government has already acted on two of these recommendations, with the intention of acting on another five. It adds more weight to the findings through additional data, and includes a long and detailed section on types of cages used in transportation and their relative merits. The RSPB again emphasizes that restrictions on the importation of all captive birds are necessary for both humanitarian and health reasons; it points out the urgency of setting up reception centres and restricting points of entry, and it reiterates the need to place restrictions on the import of species with a high mortality in transit.

In his foreword to *All Heaven in a Rage*, Peter Conder (then Director of the RSPB) suggests that the essence of the study can readily be grasped by reading just the conclusion and summary. This is certainly sound advice in the case of both booklets, as I found a certain determination was needed to read them from cover-to-cover: nearly every page has a lengthy table, and the text, too, is a solid mass of facts and figures. However, the reports must certainly be commended both on the meticulous investigations that were carried out, and the fact that, for the first time, details of this particularly sordid trade have been authoritatively brought to our attention. It is a tribute to the strength of opinion found in the voluntary conservation movement that some action has already been taken by the British Government, though it is to be regretted that more of the recommendations have not yet been implemented.

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**Topics and Terms in Environmental Problems**, by JOHN R. HOLUM. John Wiley, New York-Chichester-Brisbane-Toronto: x + 729 pp., illustr., 23.4 × 15.7 × 4.1 cm, £17.00, 1977.

With the increasing interest in environmental problems during this decade, publishers have been inclined to produce more and more books giving either a set of 'readings' in the subject or a selection of topics that the Author finds interesting. Despite its title, this book follows neither approach, being instead an environmental dictionary. Thus it begins with 'Acaricide', 'Acid', 'Acid Mine Drainage', and ends with... 'Water Purification', 'Water Resources', and 'Weathering'.

The nature of the entries is extremely varied: some are just a few lines of definition, whilst others are several pages in length and subdivided (for example, the entry under 'Coal' has sections dealing with reserves, production, consumption, potential consumption, environmental and safety impacts, atmospheric emissions from its combustion, the development of synthetic fuels from coal, and aspects of the economics of coal utilization). An environmentalist may well wish to turn to these entries to obtain a brief synopsis of the topic; he can then go further, as the Author cross-references under each entry and also gives a list of selected references for further reading. An excellent index at the end of the book is also useful for cross-referencing. The general usefulness of the book is limited in two respects. First, it is clearly written for an American

readership, and hence the examples included are from America. Thus, for such natural resources as coal, oil, and water, the text is amply illustrated with maps of the USA, but the industries operating in other parts of the world are all but forgotten. It is regrettable that such a leading international publisher as Wiley did not insist on making this dictionary more international in its approach. Second, the environment of the Author is very much the chemical, rather than the biological, environment. As an example, in the index the only entry under 'Conservation' is 'Conservation of energy'. I will certainly find the book useful, but a partnership between an Author who is a naturalist and one who is an ecologist would have produced an environmental dictionary that would have been even more useful.

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**Environmental Assessment of the Tucuruí Hydroelectric Project, Rio Tocantins, Amazonia**, by ROBERT GOODLAND. Eletronorte, Brasilia, Brazil: xxxiv + 250 pp., illustr., figs. & tables, 30 × 15 × 1.5 cm, stiff paper covers (no price indicated), 1978.

Assessment of the Environmental impacts of Brazil's largest and Amazonia's first hydroelectric development is, in itself, extraordinarily interesting in all of its complexities; but the greatest value of this work is its universality, although with marked specificity, for general guidelines in the world's developing areas. This book was commissioned by Eletronorte, the new power authority with awesome responsibility embracing that gigantic one-million-square-kilometres tract (51% of Brazil) known as Amazonia.

The Tucuruí hydroelectric project, located on the 2,900-kms-long Tocantins River—an Amazon tributary—is scheduled for completion in 1982, at which time it will generate 3,000 Megawatts of electricity and flood 2,160 km<sup>2</sup> of luxuriant forest. The effects on the thousands of inhabitants and on the physical and biotic environment could be predictable, manageable, and even beneficial; or they could be catastrophic and irremediable. The Author projects and predicts the consequences of all aspects of the project, reducing unknowns and leading to both specific and general—but always pragmatic—recommendations for each topic covered.

The Author came to this task with a wealth of knowledge about Brazil. As a professor at the University of Brasilia, where he founded their first ecology department, and then in studying many hydro and other developments far more widely, he built a firm foundation for the multi-faceted approach necessary for Tucuruí.

The question arises: why would an ecologist who is notorious for a fervent plea for Amazonian conservation, now forcefully promote this massive hydroproject? The discussion of the appropriateness of hydrodevelopment in Amazonia recognizes that Amazonia will be developed, willy nilly, so that it is up to ecologists to encourage rational, sustainable types of development—such as hydropower. This is a saner course than the irrevocable destruction of the resource base—such as is the case with the present enormous but ephemeral beef export industries.

*Amazon Jungle: Green Hell to Red Desert?* by Robert J. A. Goodland & H. S. Irwin. Elsevier, Amsterdam-Oxford-New York: [ix +] 155 pp., illustr., 1975 (reviewed by Sir Harold P. Mitchell in *Environmental Conservation*, vol. 3, No. 3, p. 238, 1976).

Topics and Terms in Environmental Problems, by John R. Holum. John Wiley, New York-Chichester-Brisbane-Toronto: ? + pp., illustr. Topics and Terms in Environmental Problems [John R. Holum] on rioneammanni.com \* FREE\* shipping on qualifying offers. EJS SCREEN: Environmental Justice Screening and Mapping Tool Environmental Advisories, Fish and Shellfish Health Concerns, Fish and Shellfish. The media, public, and scientific communities are focusing more than ever on the top 30 environmental concerns the Earth is currently facing. Many of the. You are here: Home > Footer > A-Z Glossary of Environmental Terms European Environment Agency and the US Environmental Protection Agency. ... Smog can cause eye irritations and breathing problems and damage plant life. Environmental problems faced today differ from those of most of the Earth's history in world in terms of knowledge development [PRO 15a, PRO 15b, HUL 09]. This is an alphabetical list of environmental issues, harmful aspects of human activity on the . Environmental Issues and Research Topics AurumScience. com By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia. Glossary of Environmental Terms. ingestion or contact with the skin. Workers who have inhaled acetone have reported respiratory problems. See Volatile. Topics Index Environmental problems and protection The attempt to undo Barack Obama's flagship environmental policy may be fought in the courts. I don't. Chapter 1: What is political about global environmental problems? 13 In terms of studying this subject, the chapters of this guide are designed as. These five megatrends present major global threats for planet Earth - problems that must be solved if the world is to remain a supportive habitat for humans and. Challenges for Environmental Education: Issues and Ideas for the 21st This is particularly true in terms of defining environmental education. Each country faces a unique set of environmental challenges, often complicated by and the costs and benefits of recreational land use, among other topics. Environmental sustainability is a key issue for human societies throughout the being, and environmental behavior have been research topics for several may significantly affect human well-being, and this can be evaluated in terms of. alternatives to a variety of environmental problems, implement, it is broadly described in terms of striking the right balance between economic growth.

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