

Published Quarterly

Volume 1, No. 2 - Summer 1974

Environmental Conservation

The international Journal
devoted to maintaining global
viability through exposing and
countering environmental
deterioration resulting from
human population pressure
and unwise technology

Founded and Edited by **NICHOLAS POLUNIN**

Conferences & Reviews Dr M.A. Farid
Editorial Assistant N.V.C. Polunin



Published by
ELSEVIER SEQUOIA S.A.
Lausanne

for the
FOUNDATION
FOR ENVIRONMENTAL
CONSERVATION



with the collaboration of the
International Union for Conservation of Nature
and Natural Resources (IUCN)
International Conferences
on Environmental Future (ICEF)
World Environment and Resources Council (WERC)
and the support of World Wildlife Fund (WWF)

ENVIRONMENTAL CONSERVATION

advocates timely action for the protection and amelioration of the environment of Man and Nature throughout the world: Topics range from pertinent case-histories of the past and present to rational use of resources, foreseeing ecological consequences, enlightened environmental policy, anti-pollution measures, low-impact development, environmental education and law, and ecologically sound management of all land and fresh water, sea and air, for the lasting future of Earth's fragile biosphere.

The following are the main types of contributions which may be accepted for publication in this Journal:

- Survey articles on important aspects of its subject;
- Research papers whether basic or 'confirmatory';
- Case-history accounts of wide significance and interest;
- Short Communications*: reports, comments, news, notes;
- Ecosystems for Conservation*: examples from around the world;
- Conferences & Meetings*: summary reports; important prospects;
- Reviews & Notices*: of new books etc.

Founded and Edited by Nicholas Polunin

Conferences & Reviews: Dr M. A. Farid

Editorial Assistant: N. V. C. Polunin

ADVISORY EDITORS

- | | |
|---|--|
| AFRICAN DEVELOPMENTS: Prof. Mohammed Kassas (Cairo, Egypt) | LATIN AMERICA: Dr José C. de Melo Carvalho (Rio de Janeiro, Brazil) |
| ANIMAL ECOLOGY: Dr Raymond F. Dasmann (Morges, Switzerland) | LAW AND ENFORCEMENT: Prof. Homer G. Angelo (Davis, California) |
| ANIMAL IMPACT: Prof. Jean Dorst (Paris, France) | MARINE WATERS: Dr G. Carleton Ray (Baltimore, Maryland) |
| AUSTRALASIA: Dr Donald F. McMichael (Canberra City, Australia) | METEOROLOGY AND CLIMATOLOGY: Prof. Reid A. Bryson (Madison, Wisconsin) |
| BIOLOGICAL PRODUCTIVITY: Dr E. Barton Worthington (London, England) | MICROBIOLOGICAL IMPLICATIONS: Prof. René Dubos (New York, N.Y.) |
| BIOSPHERE MAINTENANCE: Hon. Beatrice E. Willard (Washington, D.C.) | PARKS AND RESERVES: Prof. Jean-Paul Harroy (Bruxelles, Belgium) |
| ECONOMIC ASPECTS: Prof. Marshall I. Goldman (Cambridge, Mass.) | PESTICIDES AND TOXICANTS: Dr Norman W. Moore (Abbots Ripton, England) |
| ECOSYSTEMS RESEARCH: Prof. Heinz H. Ellenberg (Göttingen, West Germany) | PLANT ECOLOGY: Prof. Makato Numata (Chiba, Japan) |
| EDUCATION AND TRAINING: Prof. L. K. Shaposhnikov (Vilar nr Moscow, U.S.S.R.) | PHYSICS AND ENERGY: Dr Amasa S. Bishop (Geneva, Switzerland) |
| ENGINEERING AND TRANSPORT: Prof. John F. Coales (Cambridge, England) | POLLUTANTS AND DISPOSAL: Prof. Kenneth Mellanby (Abbots Ripton, England) |
| FRESH WATERS: Prof. W. Thomas Edmondson (Seattle, Washington) | POPULATION IMPACT: Prof. Paul R. Ehrlich (Stanford, California) |
| GEOGRAPHICAL ASPECTS: Prof. Gilbert F. White (Boulder, Colorado) | RESOURCES CONSERVATION: Prof. S. Fred Singer (Charlottesville, Virginia) |
| HUMAN REACTIONS: Dr Thomas Adeoye Lambo (Geneva, Switzerland) | SOCIAL SCIENCES: Prof. Lynton K. Caldwell (Bloomington, Indiana) |
| HUMAN SETTLEMENTS: Prof. Constantinos A. Doxiadis (Athens, Greece) | SOILS AND EROSION: Prof. Victor A. Kovda (Puschino-on-Oka & Moscow, U.S.S.R.) |
| I.C.E.F.: Prof. Jean G. Baer (Neuchâtel, Switzerland) | SOUTH-EAST ASIA: Prof. Otto Soemarwoto (Bandung, Indonesia) |
| I.U.C.N.: Frank G. Nicholls (Morges, Switzerland) | TOURISM AND RECREATION: Dr Michael B. Usher (York, England) |
| LAND USE AND RECOVERY: Dr M. E. D. Poore (Morges, Switzerland) | U.N.E.P.: Dr Kai Curry-Lindahl (Nairobi, Kenya) |
| | W.W.F.: Dr Luc Hoffmann (Morges, Switzerland) |

SUBMISSION OF MANUSCRIPTS

All contributions must be in precise English and original, submission of a 'manuscript' implying that it is unpublished and is not being considered contemporaneously for publication elsewhere. Manuscripts (two copies, including one on airmail paper) and allied materials should be sent to:

Prof. Dr Nicholas Polunin, Editor
ENVIRONMENTAL CONSERVATION
15 Chemin F.-Lehmann
1218 Grand-Saconnex
Geneva, Switzerland,

or to one of the above Advisory Editors. There is a set of Instructions for Authors at the end of each issue; failure to follow these in reasonable degree may lead to return of a manuscript for restyling before it can be considered or even refereed.

PUBLISHING AND SUBSCRIPTION INFORMATION

Environmental Conservation is published by Elsevier Sequoia S.A., Lausanne, for the Foundation for Environmental Conservation, with the collaboration of the International Union for Conservation of Nature and Natural Resources (IUCN), International Conferences on Environmental Future (ICEF), World Environment and Resources Council (WERC), and others, and the support of World Wildlife Fund (WWF).

Environmental Conservation is published quarterly. Size 28 × 20 cm, about 320 pages of text. The subscription price for 1974 is SFrs 120 (ca \$41) including postage.

Subscription orders and enquiries concerning advertising should be sent to:

ELSEVIER SEQUOIA S.A.
P.O. Box 851
1001 Lausanne 1, Switzerland