

GLOBAL ENVIRONMENTAL DATABASES

—*Present Situation; Future Directions*—

Edited by
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Research, education, and policy making of/for global environmental change need global databases of environmental parameters. There are many independent projects to develop global datasets to meet this need. However, there has been no integrated review for these datasets/databases. This book was written, as the first attempt, by internationally reputed scientists to review the present situation of existing global datasets, to identify obstacles in global datasets/databases development and their usage, and to find the better directions to remove these obstacles. The book consists of two parts- Thematic domains and Cross-cutting issues. The Part 1, Thematic domains, deals with a reference framework for global environmental data, topographic data, oceanographic data, land cover data, biodiversity data, soil data, and hydrological data. The part 2, Cross-cutting issues, deals with common subjects among various environmental parameters such as geometric registration and meta-data. This book is useful for environmental scientists, remote sensing scientists, spatial information scientists, and graduate students of these fields. Why don't we cooperate with each other to develop integrated global environmental databases for our planet?



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Published in 2000
17.5 cm x 24.5 cm, 256 pages
ISBN: 962-8226-02-9

US\$30.00
(postpaid surface mail)

Distributed by
Geocarto International Centre
G.P.O. Box 4122, Hong Kong
Tel: (852) 2546-4262 Fax: (852) 2559-3419
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