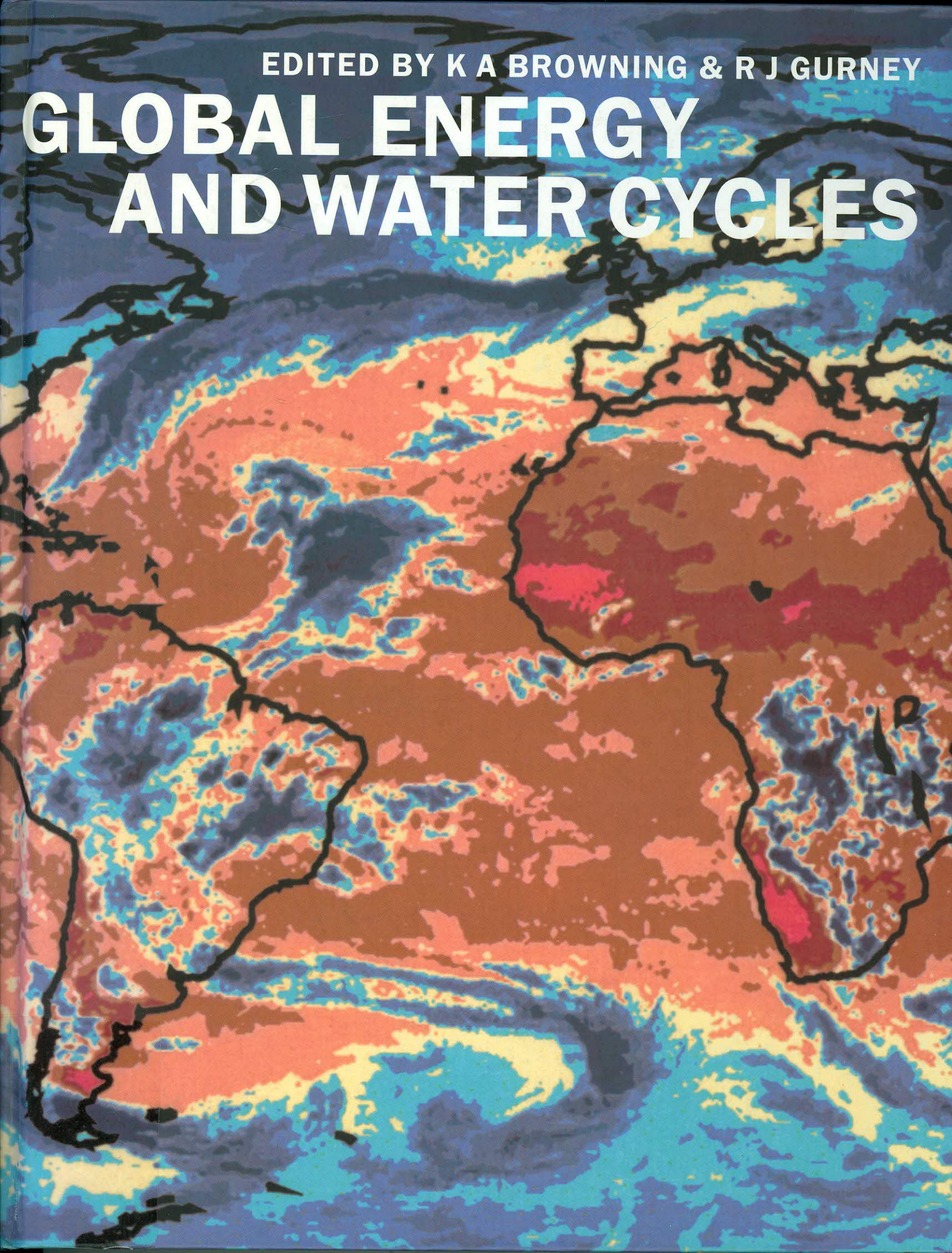


EDITED BY K A BROWNING & R J GURNEY

GLOBAL ENERGY AND WATER CYCLES



Global Energy and Water Cycles

The abundance of water in all three phases (solid, liquid, vapor) makes the Earth unique in the Solar System. Knowledge of the fluxes and changes of phase of water are essential for an understanding of weather, climate and, indeed, of life itself.

Global Energy and Water Cycles provides a state-of-the-art treatment of advances in our understanding through improvements in global models, in the representation of the processes included in the models, and in related observations. It deals with fluxes within the atmosphere, at and beneath the land and ocean surface, and the interaction between them. This area of environmental science is developing rapidly and it is important to remain in touch with related developments across the wide range of the meteorological, hydrologic and oceanographic topics involved. In order to provide authoritative coverage, the book draws upon the expertise of many of the world's leading researchers. It provides a comprehensive treatment of a subject which is currently scattered through the literature, and therefore makes it accessible as a coherent whole for the first time.

The book will be of main interest to graduate students and researchers in meteorology, hydrology and oceanography, but it will also appeal to final-year undergraduates in these subjects.

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K. A. Browning and R. J. Gurney

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