

TRACERS IN THE SEA

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A book about chemical processes occurring in the ocean with emphasis on the cycles of carbon and other nutrients. In addition to a treatment of the present distribution of those constituents, consideration is given to the impact of glaciation on past distributions and of man's activities on future distributions. Discussions of the ventilation for the deep ocean and for the main oceanic thermocline are included. Finally, the fate of the particulate matter generated in the sea by organisms is discussed. Throughout the book emphasis is placed on information derived from measurements of radiotracers in the sea and in marine sediments. The availability of the GEOSECS data set greatly expands the horizons in this regard.

- 700 pages ● 300 figures and tables
 - 750 references ● problems at end of each chapter ● color foldout map
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