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transfer, transformation, and transport processes at each level. By first considerin each of the processes that act on organic chemicals one at a time, we try to buil bits of knowledge and anderstanding that, combined in mathematical models, should enable the reader to assess organic comparish behavior in the environment.

The second important message is as was the case when going from the 1st to the 2nd edition, the new edition has undergone significant changes. Old chapters have been deleted, the remaining chapters have been substantially revised, and new chapters have been added. Another important goal was to diminish the total volume of the book. Of course, for all topics, we have tried hard to give an account of the state-of-the-art and to provide access to the pertinent literature. The most drastic change made was our decision to position an introduction of mathematical modeling in Part I (Chapter 6) among other hattodictory chapters and, in turn, to condense the unspires on transport and mixing, and on modeling of environmental systems

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