## THE ENERGY JOURNAL



HYBRID MODELING OF ENERGY-ENVIRONMENT POLICIES: RECONCILING BOTTOM-UP AND TOP-DOWN

Hybrid Modeling: New Answers to Old Challenges
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## **Preface**

The Energy Journal is pleased to present this special issue which focuses on modeling of energy-environment issues. For many years, the study of "bottom up" and "top down" approaches to these issues proceeded along separate paths. Both purported to inform the public policy debate – neither was entirely satisfying. Efforts to reconcile the two and to produce descendant models which would synthesize and extend their predecessors began in the 1990's. The challenges have proved to be formidable. This special issue brings together a number of useful and important contributions that have resulted from the interaction of the two approaches.

Many have contributed to the success of the present project including authors, their research teams, referees, and the Editors of this special issue. However, we are particularly grateful to the Conseil Français de l'Énergie and to Natural Resources Canada for the financial support which made the publication of this important work possible.

Adonis Yatchew Editor-in-Chief, The Energy Journal October 27, 2006