

Contents

SPECIAL ISSUE: ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

Guest Editor: Professor Dr. George Halkos

- 111 **Editorial**
George Halkos
- 117 **Policies to support environmental risk management in investment decisions**
Edward B. Barbier and Joanne C. Burgess
- 130 **Soft prediction model for spatial data analysis**
J. Velmurugan and M. Venkatesan
- 144 **Impact of technical and efficiency changes on productivity**
Christina Bampatsou, George Halkos, Dimitra Kaika and Efthimios Zervas
- 163 **Environment and economic growth in the Russian Arctic**
Dmitry Rudenko
- 175 **Towards sustainability performance management system of tourism enterprises: a tourism sustainable balanced scorecard framework**
Ioanna Giannoukou and Christina C. Beneki
- 197 **The application of system dynamics as a framework for establishing sustainable cave management policies: a case study in the Philippines**
Nemi Lorraine S. Escalante, Jonathan A. Uy, Hanah Marie M. Tonggol, Amando A. Radomes Jr. and Lanndon A. Ocampo
- 214 **Challenges and opportunities associated with the role of forestry in promoting water-energy and food security nexus in Ethiopia**
Dawit Diriba Guta and Djiby Racine Thiam
- 230 **Recognising 'conservationism of the poor' towards holistic sustainability: study of an Indian national park**
Diptimayee Nayak, Bharati Puri and Vrajindra Upadhyay

Additional Paper

- 262 **Water scarcity management: part 2: satellite-based composite drought analysis**
Nicolas R. Dalezios, Nicholas Dercas and Seyed Saeid Eslamian