Nuclear Energy and Sustainable Development: Selected Topics
Guest Editor: Ferenc Toth

Editorial
1 Nuclear energy and sustainable development
F.L. Toth

Papers
5 Fuelling the future?
P. Warren and G. De Simone
16 Sustainability of light water reactor fuel cycles
G. Rothwell, T.W. Wood, D. Daly and M.R. Weimar
24 Sensitivity analysis and probabilistic assessment of seawater desalination costs fueled by nuclear and fossil fuel
K.C. Kavvadias and I. Khamis
31 Human health impacts in the life cycle of future European electricity generation
K. Treyer, C. Bauer and A. Simons
45 Comparative risk assessment of severe accidents in the energy sector
P. Burgherr and S. Hirschberg
57 Powering Africa’s sustainable development: The potential role of nuclear energy
I.N. Kessides