

## Special Issue

# Problems and Perspectives of Nuclear Energy Management and Development

### Message from the Guest Editors

Current applications of nuclear energy (NE) range from pure science to the largest-by-scale utilisation of nuclear power generation. The sustainability of NE utilisation in all applications, including medical uses of radionuclides and radiations, is crucial to ensure the sustainable development of civilisation. Identification of the most important problems and perspectives of NE management is thus the focus of many researchers and influential organisations. This Special Issue of *Sustainability* will analyse issues related to sustainable NE development and strategic approaches, focusing on advantages and limitations of newly proposed schemes, such as intensive deployment of advanced-power thermal and fast breeder reactors, small modular and molten salt reactors, mobile nuclear power generation systems, and utilisation of the thorium fuel cycle. It will also include analysis of current roadmaps utilised for an effective use of NE based on both fission and fusion reactions.

### Guest Editors

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### Deadline for manuscript submissions

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