

This Special Issue aims to present a collection of timely and high-quality papers on the assessment and retrofitting of existing infrastructure to gain further insights into the crucial issue of infrastructure resilience and the use of novel methods and techniques in the rehabilitation of civil infrastructure.

Specific topics include, but are not limited to the following:

- Assessment of existing infrastructure, including their mechanical behaviour and physical properties
- Novel retrofitting methods and techniques
- Seismic performance of retrofitted infrastructure
- Laboratory-scale tests involving retrofitted structures
- Full-scale tests involving retrofitted structures
- Analysis and design of retrofitted structures
- Soil–structure interaction of retrofitted structures