Message from the Guest Editor

In order to mitigate the seismic risk and reduce the direct and indirect losses, public administrations, private owners, and professionals, despite operating at different territorial scales, with different objectives and tools, should perform a synergic work based on the rational criteria and tools. The effectiveness and reliability of the assessment, and the resulting seismic risk mitigation strategies should be based on tools and models that can simulate seismic effects, in terms of direct and indirect losses.

This Special Issue calls for high-quality unpublished research works related to different and advanced approaches for seismic risk mitigation. Potential topics include, but are not limited to, the following:

- Innovative, simple, fast, readily available, and economically sustainable retrofitting strategies and optimized rules;
- Definition of rational criteria for risk-mitigation policies;
- Allocation of the resources based on novel approaches and methods;
- Seismic vulnerability evaluation and retrofit of buildings, structures, and infrastructures;
- Structural control, monitoring, and assessment of structural damage;
- Seismic hazard analysis;
- Case studies.