

Preface

The oldest Department of the Saint Petersburg State University of Architecture and Civil Engineering (SPbGASU) prepared *Reconstruction and Restoration of Architectural Heritage 2020* together with leading scientists and experts in the field of cultural heritage preservation, conservation, restoration and renovation of monuments.

The contributions of **Reconstruction and Restoration of Architectural Heritage 2020** were presented at the eponymous conference (RRAH 2020, Saint Petersburg, Russia, 25-28 March 2020), and included key focus:

- Challenges in protection, conservation and restoration of cultural heritage objects in Saint Petersburg, regions of Russia and foreign countries;
- Methodical support of educational process and verification of study programs, including the format and requirements for the theses preparation on Bachelor, Master and PhD level;
- Benchmark events with the representatives of the Government of Saint Petersburg coordinating cultural heritage protection, the Russian Association of Restorers and leading design restoration workshops;
- Visiting sites related to the restoration and protection of the cultural heritage in Saint Petersburg.

We are well aware that the preservation of cultural heritage is the most important task of preserving the memory of civilizations. Through the efforts of the world community, UNESCO, ICOMOS, ICOM and other public organizations have been created to fight for the preservation of cultural heritage, including immovable architectural monuments.

The collection is devoted to aspects, stages and problems of preserving cultural heritage and includes an overview of professional work with monuments.

First, it provides a full-scale, broad and in-depth study of cultural heritage. Secondly, they allow us to implement the largest urban development projects on a regional scale, taking into account the specifics of design and urban planning and design and architectural works for the restoration of cultural and architectural monuments. Third, apply variable sparing methods of strengthening historical structures, identify the possibility of using non-destructive modern design and engineering solutions, and implement projects of modern "engineering reconstruction". Fourth, take into account the assessment of the economic components of the decisions made.

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