

Preface

It is a great honor for us to take part in the conference «New ecological materials in civil construction», which includes the process of modifying building materials for further use in various areas of our lives.

This year we were able to collect 11 articles on innovative topics in construction, and also combined the topics of ecology of building materials and their production, use in small architectural forms and industrial construction.

The main purpose of participation in the conference is to gather scientists, industrial researchers, engineers to solve global problems of production of building materials, their modification, environmental friendliness (toxicity, both in production and in further use). Improving building materials according to these criteria, we will be able to achieve better construction in compliance with all environmental standards at the moment.

Scientists who took part in the conference solved these problems by modifying the most commonly used building materials: concrete, Portland cement, hardeners and additives to silicates. The issues of improving the environmental friendliness of the created materials for safe use were studied. Also, one of the most used materials in construction - wood - various breeds were investigated for self-ignition, destruction, durability.

During the conference, all participants were enthusiastic about research, and the research topics were chosen taking into account the relevance of the data and the frequency of use of materials. I think we will be able to continue to write high-quality and knowledge-intensive materials for future researchers.

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