

Book of Abstracts

INTERNATIONAL CONFERENCE ON NEW ACHIEVEMENTS IN SCIENCE, TECHNOLOGY AND ARTS ICNA-STA

4 – 5 May 2023, Prishtina, Kosova



4th - 5th May 2023, Prishtina, Kosova

The University of Prishtina (UP) and the International Business College Mitrovica (IBC-M) collaborated to organize the event, in partnership with a consortium under the Erasmus+ initiative called "ResearchCult - Enhancing Research Culture in Higher Education in Kosovo."

The book features abstracts from the interdisciplinary event, "International Conference on New Achievements in Science, Technology and Arts" (ICNA-STA), held in Prishtina, Kosovo, on May 4-5, 2023.

The conference, an interdisciplinary research event, sought to showcase ground-breaking scientific advancements across a broad spectrum of disciplines, including Natural and Environmental Sciences, Agricultural Production, Food Safety, Education, Economics, Finance, Management, Marketing, Philological Science, and Art. By bringing together diverse fields, the event aimed to foster collaboration, encourage interdisciplinary dialogue, and promote the exchange of ideas and knowledge among researchers, scholars, and practitioners. The conference emphasized the importance of understanding the intersectionality between various disciplines to address complex global challenges and to facilitate sustainable development. The event provided a platform for project partners to present their achievements, explore opportunities for collaboration, and discuss the scientific potential of their joint efforts. Co-organized by numerous local and international higher education institutions, the conference ensured a comprehensive and diverse representation of academia, research, and industry experts. These institutions contributed to the conference's organization and scientific structure, providing valuable input and resources to develop a robust, thought-provoking program. The conference featured keynote speakers, panel discussions, research presentations, and poster sessions that covered a wide range of topics relevant to the invovling disciplines. This allowed attendees to engage in a dynamic exchange of ideas, share their latest research findings, and build networks for future collaborations.





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Publishers:

International Business College Mitrovica, Kosova

University of Prishtina Hasan Prishtina, Kosova

Editors:

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ISBN: 978-9951-9090-1-3

<u>Disclaimer:</u> This publication was produced with the financial support of the European Union. Its contents are the sole responsibility of authors and do not necessarily reflect the views of the European Union.





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Concentration of PM₁₀, PM_{2.5}, NO₂, O₃, SO₂, CO, in the Air of Gjilan

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Abstract

The area where we are researching is not known as an area with established industry, but the main pollution problems are present in the urban area, which is highly contaminated. Through an analysis based on standard monitoring data, this study attempts to examine the level of pollution in an area that does not have much developed industry. The parameters measured throughout the year 2022 are: SO₂, CO, NO₂, O₃, PM₁₀ and PM _{2.5}, with the unit µg/m³ and for CO mg/m³ and always referring to the directive 2008/50/EC on ambient air quality and cleaner air for Europe and the Law. No. 08/L-025 for Air Protection from Pollution. All the results showed an increase in PM₁₀ and PM _{2.5}, compared to the other pollutants, especially in the winter season, while in the summer season we have an increase in O³.

Key words: air, pollution, contamination, industry, measurement.