

 <p>INSTITUT ZA ZAŠTITU NA RADU a.d.</p> <p>NOVI SAD</p>	 <p>ATC 01-073</p> <p>LABORATORIJA ZA ISPITIVANJE ISO/IEC 17025</p>	
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LABORATORIJA ZA ISPITIVANJE

Naziv dokumenta

IZVEŠTAJ O MERENJU BUKE U ŽIVOTNOJ SREDINI

Poslovno ime i sedište naručioca posla¹

HBIS GROUP SERBIA IRON/STEEL DOO, BEOGRAD
Mihajla Pupina br. 6
Beograd

Merenje se vrši na osnovu

Ponuda br. PN04-09-74/24

Oblast ispitivanja

Merenje buke u životnoj sredini

Poslovno ime i sedište izvršioca posla

Institut za zaštitu na radu a.d. Novi Sad,
Marka Miljanova 9 i 9A

Akreditacija

Rešenje o utvrđivanju obima akreditacije broj 01-073 od 26.03.2021. godine Akreditacionog tela Srbije.

Ovlašćenje

Ovlašćenje Ministarstva zaštite životne sredine broj 353-01-00107/2022-03 od 03.02.2022. godine.

Broj radnog naloga

RN04-09-309/24

broj izveštaja
(po radnom nalogu) **1**

Datum merenja

15.10.2024.

Broj izveštaja i datum izdavanja

INSTITUT ZA ZAŠTITU NA RADU AD
Broj DI 10-396/2024-1
16.10.24
NOVI SAD, Marka Miljanova 9 i 9A

Napomena

- Rezultati ispitivanja se odnose samo na ispitivane uzorke.
- Izveštaj ne sme da se reprodukuje, osim u celosti, bez odobrenja laboratorije.
- Laboratorija je odgovorna za sve informacije date u izveštaju, osim za one dobijene od korisnika (oznaka¹).
- Laboratorija primenjuje pravilo odlučivanja - binarno pravilo jednostavnog prihvatanja, nivo poverenja 95%

[illegible][illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

1. What is the purpose of the study? The purpose of the study is to investigate the effect of the use of a mobile learning application on the learning outcomes of students in a mathematics course.

2. What are the research objectives? The research objectives are to determine the effectiveness of the mobile learning application in improving students' understanding and performance in mathematics, and to identify the factors that influence the use of the application.

3. What is the research methodology? The research methodology is a quasi-experimental design, involving a comparison between a control group (students who do not use the application) and an experimental group (students who use the application) over a period of 12 weeks.

4. What are the variables in the study? The independent variable is the use of the mobile learning application, and the dependent variable is the learning outcomes, measured by students' scores on a mathematics test.

5. What are the limitations of the study? The limitations of the study include the small sample size, the lack of random assignment, and the potential for confounding factors, such as students' prior knowledge and motivation.

[illegible]

Figure 1 displays a 5x5 grid of scatter plots illustrating the relationship between the number of children in the household (X-axis) and the number of children in the family (Y-axis). The plots are arranged in a grid with 5 rows and 5 columns. The first row shows a positive correlation, while the subsequent rows show a negative correlation. The plots are labeled with 'Number of children in the household' and 'Number of children in the family'.

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The table includes the coefficient estimates, standard errors, t-statistics, and p-values for each variable.

Variable	Coefficient	Standard Error	t-statistic	p-value
Age of the head of household	0.05	0.01	5.00	0.000
Gender of the head of household (Male = 1, Female = 0)	-0.10	0.02	-5.00	0.000
Constant	1.50	0.10	15.00	0.000

The regression equation is: $\text{Number of children} = 0.05 \times \text{Age} - 0.10 \times \text{Gender} + 1.50$.

[illegible]

1. **Introduction:** The first paragraph introduces the topic of the research paper, which is the impact of climate change on the environment. It states that the purpose of the study is to investigate the effects of climate change on the environment and to provide recommendations for mitigating its impact.

2. **Background:** The second paragraph provides background information on climate change, including its definition and the scientific consensus on its existence. It mentions that climate change is a long-term change in the Earth's climate, which is caused by the increase in greenhouse gas concentrations in the atmosphere.

3. **Methodology:** The third paragraph describes the methodology used in the study. It mentions that the study is a quantitative research, which involves the collection and analysis of numerical data. The data is collected from various sources, including government records, scientific journals, and online databases.

4. **Results:** The fourth paragraph presents the results of the study. It shows that there is a significant positive correlation between the increase in greenhouse gas concentrations and the rise in global temperatures. The study also finds that the impact of climate change is more pronounced in the tropics and subtropics.

5. **Conclusion:** The fifth paragraph concludes the study by summarizing the findings and providing recommendations for mitigating the impact of climate change. It suggests that governments and individuals should take action to reduce greenhouse gas emissions and to adapt to the changing climate.

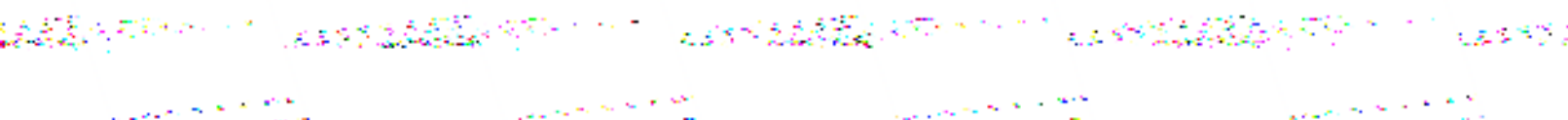
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[illegible]

The figure displays 16 scatter plots arranged in a 4x4 grid, illustrating the relationship between 'Age' (x-axis) and 'Survival' (y-axis) for various cancer types. The cancer types are: Bladder Cancer, Breast Cancer, Cervix Cancer, Colon Cancer, Esophagus Cancer, Kidney Cancer, Liver Cancer, Lung Cancer, Pancreas Cancer, Prostate Cancer, Stomach Cancer, Testis Cancer, Uterine Cancer, Vagina Cancer, Vascular Cancer, and Unknown Cancer. Each plot shows a different distribution of data points, with some showing a clear trend and others being more scattered.





[illegible]

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
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1. **Introduction**
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1. What is the purpose of the study?
 The purpose of the study is to investigate the effect of a new teaching method on student performance.

1. What is the purpose of the study?
 2. What are the research objectives?
 3. What is the research methodology?
 4. What are the results of the study?
 5. What are the conclusions of the study?

Figure 1 is a 3D plot showing the relationship between the number of species (S) and the number of individuals (N) for 1000 random samples. The plot shows a positive correlation between S and N , with a dashed line representing the expected relationship. The axes are labeled 'Number of species' and 'Number of individuals'.

Figure 1 is a line graph showing the percentage of total energy expenditure (TEE) for different activities over a 24-hour period. The Y-axis is labeled 'Percentage of TEE' and ranges from 0 to 100. The X-axis is labeled 'Time of Day' and ranges from 0 to 24. The graph includes several data series representing different activities: Sleeping (blue line, ~10% TEE, 0-8h), Resting (green line, ~15% TEE, 0-24h), Walking (red line, ~10% TEE, 0-24h), Standing (yellow line, ~10% TEE, 0-24h), Sitting (purple line, ~10% TEE, 0-24h), and Eating (orange line, ~10% TEE, 0-24h).

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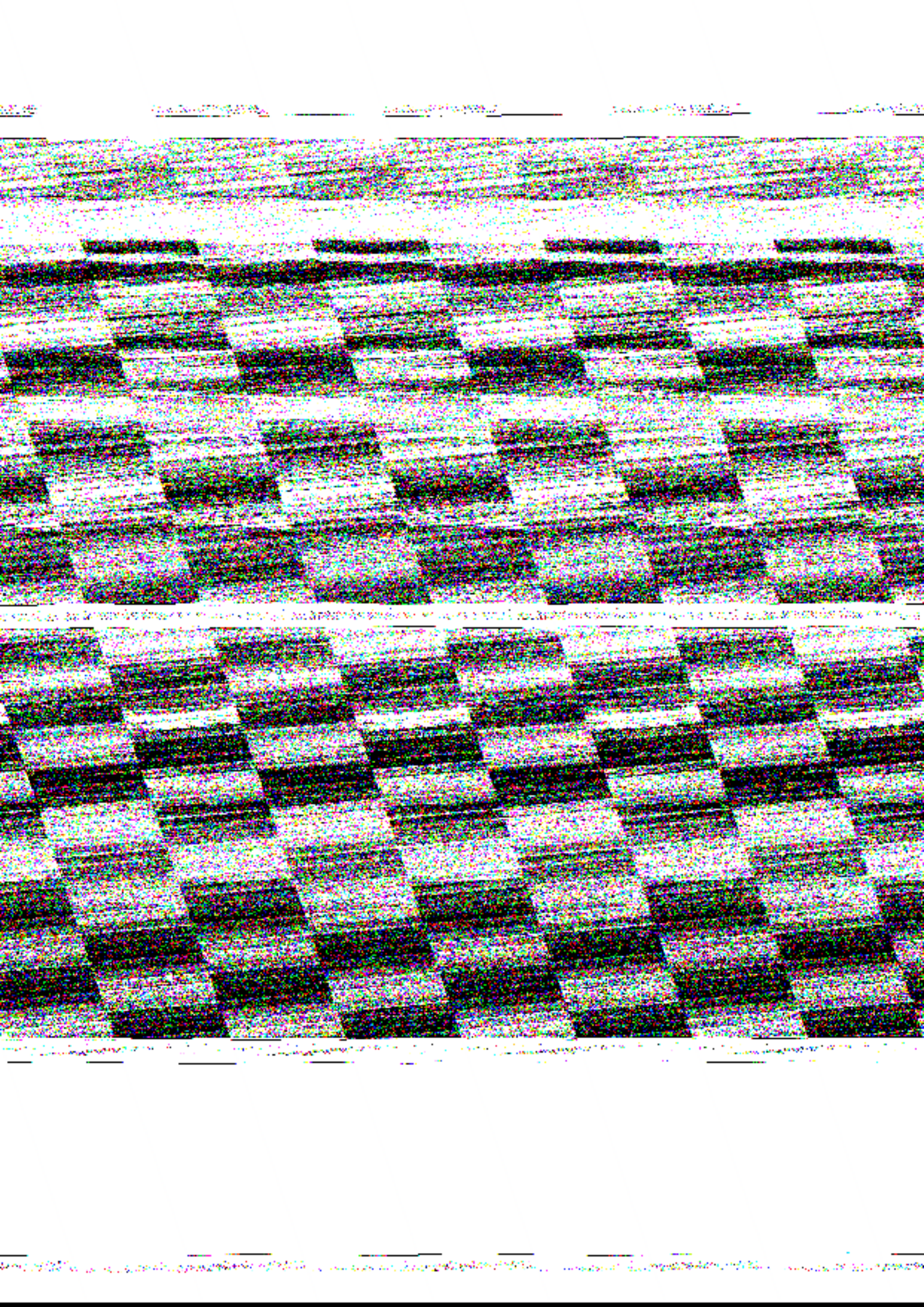
Abstract

1. What is the purpose of the study?
 2. What are the research questions or hypotheses?
 3. What is the study design?
 4. What are the participants and sample size?
 5. What are the variables and measurements?
 6. What are the results and conclusions?
 7. What are the limitations and strengths?
 8. What are the implications for practice?
 9. What are the ethical considerations?
 10. What are the future research directions?

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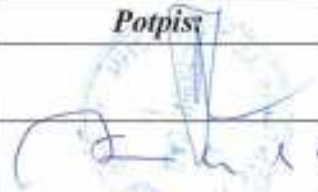



ZAKLJUČAK

Naručilac merenja:	Lokacija zvučnih izvora:
HBIS group Serbia iron & steel	Mesto: Šabac
Beograd	Adresa: Hajduk Veljkova
	Objekat: HBIS group Serbia iron&steel-pogon belih limova

Na osnovu merenja akustičkih karakteristika buke a prema *Uredbi o indikatorima buke, graničnim vrednostima, metodama za ocenjivanje indikatora buke, uznemiravanja i štetnih efekata buke u životnoj sredini (Sl.Glasnik Republike Srbije br. 75/2010) i Odluci o merama zaštite od buke na teritoriji grada Šapca ("Sl. list grada Šapca", 28/10, 23/12 u 5/14)*

- merodavni nivoi buke ispitanih zvučnih izvora u mernoj tački M1 ne prelaze dozvoljeni nivo za zonu 5 zona, zona duž autoputeva, magistralnih i gradskih saobraćajnica za dan i veče (maksimalni dozvoljeni nivo iznosi 65dB) i za noć (maksimalni dozvoljeni nivo iznosi 55dB).
- merodavni nivoi buke ispitanih zvučnih izvora u mernoj tački M2 ne prelaze dozvoljeni nivo za zonu 5 zona, zona duž autoputeva, magistralnih i gradskih saobraćajnica za dan i veče (maksimalni dozvoljeni nivo iznosi 65dB) i za noć (maksimalni dozvoljeni nivo iznosi 55dB).

	<i>Datum:</i>	<i>Ime:</i>	<i>Potpis:</i>
<i>Ispitao:</i>	15.10.2024.	Nenad Tripković, dipl.inž.el.	
<i>Kontrolisao:</i>	16.10.2024.	Goran Knežević, dipl.inž.teh.	

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