

6TH INTERNATIONAL STUDENT CONFERENCE ON LOCAL SAFETY AND SECURITY



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ARRS

SLOVENIAN RESEARCH AGENCY

SUSTAINABLE DEVELOPMENT THROUGH SHAPING AND ARRANGING A SAFE SPATIAL ENVIRONMENT

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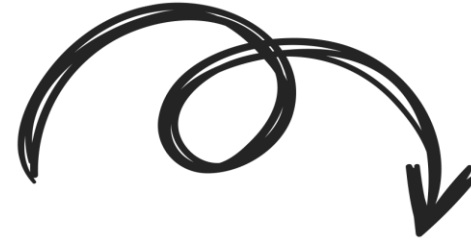
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INTRODUCTION

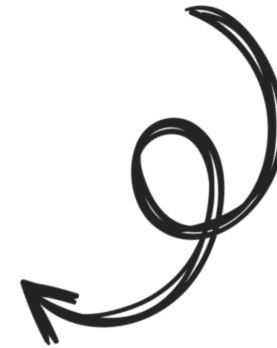
A need to live in a safe human community in a safe environment near vital natural resources – **water, food, light and air.**



New problems : rapid population growth, overpopulation, pollution, poverty, disease and **crime.**



Safety has been reduced due to the growth of **fear of crime.**



Crime prevention through environmental design (CPTED)

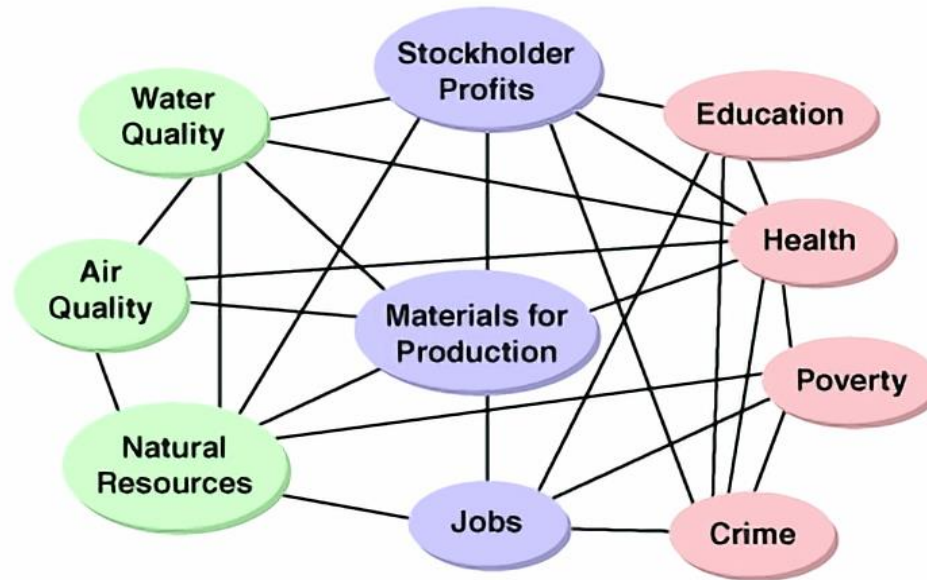
- One of the key act maintenance of the internal security of a sovereign European state such as Montenegro.

- **Architect Paul Cozens** believes that a sustainable community is „one that is safe, in which a person feels safe and that others consider safe“.
- **Maslow's hierarchy of human needs**, the safety of the spatial environment is right next to the basic needs (food, water, air... .), and before the need for belonging, respect and self-esteem.



CRIME AS AN INDICATOR

- Sustainable development is a dynamic process that includes not only environmental sustainability, but also social and economic aspects of human development.
- Sustainability indicators are classified into **three interconnected segments (natural, economic and social)**, where crime is seen as a significant indicator.



CRIME AS AN INDICATOR

- A large number of authors point to crime as a major obstacle in creating a safe, attractive and ecologically rich environment. Crime is considered a mirror of the quality of life and public welfare.
- When considering crime as one of the indicators of sustainable development, most analysts rely on recorded data on the level of crime (number and type of crimes committed), while ignoring a very important, difficult to measure dimension – **fear of crime and personal perception of safety**.
- It is very important to mention the fear of crime and make an effort to create a personal perception of safety in one's own environment.
- Precisely the proper design and effective use of the built environment would lead to a reduction in fear, the frequency of crime and an improvement in the quality of life.





ECOLOGY AND URBANISM



- The ecological movement has played a big role in environmental sustainability. Large cities have a big influence on nature and the people in them
- **Crime and fear of crime** - a big component of urban sustainability
- These following terms show that ecology is a logical starting point for crime prevention

ADAPTATION

SYMBIOSIS

MUTUALISM

PARASITISM



ILLEGAL EXPLOITATION OF GRAVEL IN MONTENEGRO

- Illegal exploitation of gravel is a big problem for Montenegro.
- Illegal exploitation itself brings into question the regular water supply of citizens of Montenegro.
- Illegal exploitation destroys nature, causing great damage to the ecology.



Exploitation of gravel (Illustration), Photo : The government of Montenegro

STRATEGIES OF C.P.T.E.D

1. *natural access control,*
2. *natural surveillance,*
3. *territoriality,*
4. *management and maintenance of space*

1. **Natural access control** is aimed at reducing opportunities for committing crimes by making access to the target/goal more difficult.



2. **Natural surveillance** is the creation of opportunities for continuous monitoring and detection of suspicious behavior of illegitimate users of the space.



STRATEGIES OF C.P.T.E.D.

Territoriality is based on the hierarchy of space, where the application of architectural elements in the design of the spatial environment can create or expand the sphere of influence of legitimate space users in all spatial zones.

Management and maintenance is a strategy based on experience. In order for the area to be free of criminal incidents, regular maintenance is of great importance. The theory of „broken windows“ (**broken window theory**) especially emphasizes the importance of space maintenance.



CONCLUSION



With the help of this kind of prevention, it is possible to achieve a reduction in the number of criminal activities, such as theft, vandalism and drug trafficking.

This approach can also improve the quality of life of residents and strengthen the sense of freedom and unity.

The key advantage of the crime prevention strategies is its practicality and low cost compared to other security measures.

It is important to involve the community in the planning process and in the implementation of measures.



BIBLIOGRAPHY

- K. Macano, J. Duda-Banwar, J. Klofas., (2018), Crime Prevention Through Environmental Design, p. 1-5.
- V. W. Maclaren., (1996), Urban sustainability reporting, Journal of the American Planning Association, p. 184-202.
- N. Knežević-Lukić, A. Ljuština., (2011), Sustainable development through shaping and arranging a safe spatial environment, p. 168-172.
- P. Cozens., (2007), Planning, crime and urban sustainability, p. 187-196, 272-292.
- R. Sampson, J. Raudenbush., (1999), Systematic social observation of public spaces: A new look at disorder in urban neighborhood, American Journal of Sociology, p. 603-651.
- National Coordinating Institution for Security, Defense and Protection., (2018), National Security Strategy of Montenegro, p. 7-15.





**THANK YOU FOR
STAYING WITH US!**

