



ISBN
978-86-86355-48-5

Plenary
Lectures

Quality
Engineering

Reliability
Engineering

Industrial
Engineering

Systems
Engineering

Military
Engineering

Energy
Efficiency

Lean
Production



Editor
Ljubisa Papic

13th DQM INTERNATIONAL CONFERENCE

LIFE CYCLE ENGINEERING AND MANAGEMENT DQM-POLYTECH-2022

Prijevor, SERBIA, 23-24 June 2022

Proceedings

Research



Education



Application



National award for business excellence of Serbia - "Quality Oscar" in 2012. year, in category small and medium organizations, for range Leadership obtained DQM Research Center, Prijevor.

13th DQM INTERNATIONAL CONFERENCE



13th DQM International Conference

DQM-POLYTECH-2022

LIFE CYCLE ENGINEERING AND MANAGEMENT

PROCEEDINGS

June 23-24, 2022, Prijedor, Serbia

Conference Topics:

Plenary Lectures
Quality Engineering
Reliability Engineering
Industrial Engineering
Systems Engineering
Military Engineering
Energy Efficiency
Lean Production

Editor:
Ljubisa Papic

The Research Center of Dependability and Quality Management

DQM
Prijedor, 2022

DQM-POLYTECH-2022, Proceedings

ISBN 978-86-86355-48-5

LIFE CYCLE ENGINEERING AND MANAGEMENT, 2022

- Plenary Lectures
- Quality Engineering
- Reliability Engineering
- Industrial Engineering
- Systems Engineering
- Military Engineering
- Energy Efficiency
- Lean Production

Editor-in-Chief: Professor Ljubisa Papic.

Publisher: DQM Research Center - Prijevor, P. O. Box 132, 32102 Cacak.

Printer: Graphical Enterprise NBSgraf, Ive Lole Ribara 20, 32300 G. Milanovac.

Printing: 100 copies.

Prijevor, 2022.

CIP - Каталогизacija y publikaciji
Nародна библиотека Србије, Београд

005.6(082)
005.6:658.58(082)
62(082)
6

DQM International Conference Life Cycle Engineering and Management (13 ; 2022 ; Prijevor)

Proceedings / 13th DQM International Conference Life Cycle Engineering and Management DQM-POLYTECH-2022, june 23-24, 2022, Prijevor, Serbia ; [organizer] The Research Center of Dependability and Quality Management [i. e.] DQM ; editor Ljubisa Papic. - Čačak : DQM Research Center, 2022 (G. Milanovac : Graphical Enterprise NBSgraf). - XIV, 379 str. : ilustr. ; 25 cm

6

Radovi na engl. i rus. jeziku. - Tekst lat. i ćir. - Tiraž 100. - Str. IV-V: Preface / Ljubisa Papic. - Ljubisa Papic: str. 389. - Napomene i bibliografske reference uz tekst. - Bibliografija uz svaki rad. - Sadržaj s nasl. str.: Plenary Lectures ; Quality Engineering ; Reliability Engineering ; Industrial Engineering ; Systems Engineering ; Military Engineering ; Energy Efficiency ; Lean Production.

ISBN 978-86-86355-48-5

а) Инжењерство -- Зборници б) Управљање квалитетом -- Зборници в) Технички системи -- Управљање квалитетом -- Зборници

COBISS.SR-ID 68081929

13th

DQM International Conference
LIFE CYCLE ENGINEERING AND MANAGEMENT

DQM-POLYTECH-2022

June 23-24, 2022, Prijevor, Serbia



INTERNATIONAL STANDARDS IN ENVIRONMENTAL QUALITY MANAGEMENT AND INTERPOL

Sonja Ketin

Faculty of Economics and Engineering Management, Novi Sad, Serbia

Marjan Milenkov

University of Defence in Belgrade, Military Academy, Belgrade, Serbia

Marko Andrejic

University of Defence in Belgrade, Military Academy, Belgrade, Serbia

***Summary:** International standards in environmental quality management is a very important area, especially in environmental crime, which is a very serious problem with its many diverse forms. Endangering the environment means illegal exploitation of the world's flora and fauna. Pollution involves the trade and placing on the market of waste contrary to the provisions of national law. Due to the above, the international organization of criminal police INTERPOL uses quality standards as a basis for its work. This paper will present the basics of this specific and very demanding paper.*

***Key words:** INTERPOL, environmental crime, environment, standards, organized crime.*

1. INTRODUCTION

On all meridians, we encounter criminal activities that are increasingly faster, more organized in assessment and adaptation, more brutal and exceed national, regional, continental geographical and political indicators.

Environmental resources have become the target of illegal labor.

INTERPOL is the world's largest international police organization with 190 member states. It was founded in 1923 in Vienna, whose headquarters are currently in Lyon, and enables the cooperation of the criminal police outside national borders and provides support in the fight against international crime. INTERPOL also enabled cooperation with countries that do not have diplomatic relations.

The key functions are:

- providing a secure communication system,
- ensures law enforcement and the sending of expert groups in secret areas,
- improves work methodology, technical documentation and analytical processing,
- enables the identification of perpetrators of environmental crimes.

Ecological crime is a cumulative effect of criminal activities aimed at non-compliance with national and international laws and agreements that ensure the protection of the environment, biodiversity of plant and animal species or natural resources.

It was stated that the perpetrators of such environmental crimes are also connected with other criminal activities by falsifying documents, travel documents, corruption, illegal possession of weapons, illegal migration and drug trafficking.

2. INTERPOL ECOLOGICAL CRIMES

The default types of environmental crime are:

1. Destruction of plant and animal species which implies.
 - a. Illegal trade in endangered species.
 - b. Depletion of fishery resources.
 - c. Illegal logging.
2. Environmental pollution.
 - a. Water pollution.
 - i. Pollution of watercourses.
 - ii. Ocean pollution.
 1. Oil spill from the vessel.
 2. Other types of ship pollution.
 - b. Soil pollution.
 - i. Non-removal of electronic waste.
 - ii. Non-removal of industrial waste.
 - iii. Illegal transport of hazardous waste.
 - iv. Illegal disposal of hazardous waste.
 - v. Non-removal use and leftover ammunition.
 - c. Air pollution.
 3. Other types of environmental crime are the most dangerous.
 - a. Climate change and disruption.
 - b. Theft of natural resources.
 - c. Understand the types of abuse of active causes of environmental hazards.
 - i. Infectious diseases abuse.
 - ii. Parasite abuse.
 - iii. Abuse of invasive species.
 - iv. Abuse of modified living organisms.
 - v. Pathogen abuse.
 - vi. Abuse of toxic substances.
 - vii. Abuse of biological agents.

3. EXAMPLES AND REALIZED PROJECTS

The project "Law and Enforcement Assistance for Forest-LEAF" - was created as a cooperation between INTERPOL and the United Nations

5. CONCLUSION

The international community has responded to this serious problem with the activities of law enforcement agencies whose results have been harmonized with INTERPOL standards. These standards are necessary for the equal exchange of data and analytical processing that all members of international organizations adhere to.

It is considered that the destruction of flora and fauna is a crime from the ecological milieu de facto global theft to the detriment of humanity, so the fight against environmental crime must have international significance and be defined by the same parameters at the global level.

In solving such problems, the importance of satellite communication equipment, which can be used more and more for the mentioned environmental problems, should not be left out.

REFERENCES

- [1] Uljanov S., Ivanovic Z.: Medjunarodne policijske organizacije, Strani pravni život, broj 2/2010, pp. 65-84.
- [2] The INTERPOL Environmenta Crime Programme – Strategic Plan 2009-2010, INTERPOL, General Secretariat, Lyone, 2008.
- [3] The INTERPOL Environmenta Crime Programme – Strategic Plan 2011-2013, INTERPOL, General Secretariat, Lyone, 2010.
- [4] The INTERPOL Environmenta Crime Programme – Project LEAF, INTERPOL General Secretariat, Lyone, 2012.
- [5] The INTERPOL Environmenta Crime Programme – Project PREDATOR, INTERPOL General Secretariat, Lyone, 2011.
- [6] The INTERPOL Environmenta Crime Programme – Project WISDOM, INTERPOL General Secretariat, Lyone, 2012.
- [7] Djukanovic D., Uljanov S., Jovic Z.: Multilateralni vidovi i saradnje u Jugoistočnoj Evropi o oblasti sprečavanja ekoloških katastrofa i suzbijanje ekoterorizma, Suzbijanje kriminalu u okviru međunarodne policijske saradnje, Zbornik radova sa naučno-stručnog skupa sa međunarpdnim učešćem, kriminalističko-policijska akademija i Fondacije Hanns Seidel, Beogard, 2011, pp. 69-78.