TECHNICAL UNIVERSITY IN ZVOLEN FACULTY OF WOOD SCIENCES AND TECHNOLOGY DEPARTMENT OF FIRE PROTECTION

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FIRE PROTECTION & SAFETY Scientific Journal

Vol. 16 lss. 1 July 2022



Description

 $\Delta Delta$ is an international scientific journal, published twice a year, in electronic and print form, in English.

Delta journal publishes reviewed original scientific papers, review papers, case studies and short communications devoted to research on fire protection and safety, occupational health and safety, protection of persons and property and rescue services.

Topics

Fire and Its Propagation

(Scientific Guarantor: prof. Danica Kačíková)

- Combustion and Fire Chemistry and Physics
- Fire Behaviour Modelling
- Fire Dynamics
- Fire Investigation
- Smoke Control and Combustion Toxicity

Effect of Heat and Fire on Materials and Products

(Scientific Guarantor: prof. Danica Kačíková and prof. František Kačík)

- Fire Properties of Materials
- Fire Testing
- Thermal Stability and Thermal Degradation of Materials and Products

Buildings Fire Safety

(Scientific Guarantor: assoc. prof. Martin Zachar)

- Active and Passive Fire Protection Systems and Methods
- Fire Safety Design of Buildings and Technology

Occupational Health and Safety

(Scientific Guarantor: assoc. prof. Martin Zachar)

- Injury Investigation Methods
- Safety Engineering

Protection of persons, property, and environment

(Scientific Guarantor: assoc. prof. Andrea Majlingová)

- Environmental Impacts of Emergency
- Disaster Planning, Vulnerability Assessment and Resilience Evaluation

Emergency/Rescue Services

(Scientific Guarantors: assoc. prof. Rastislav Šulek and assoc. prof. Andrea Majlingová)

- Contingency Management, Contingency Planning, Infrastructure Dependence
- Multidisciplinary Approaches
- Visualisation, Simulation, Optimisation, Intelligent Agents
- Emergency Preparedness and Planning, Logistics
- Incident Command Systems, Emergency Communication

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Publisher

Technical University in Zvolen, T. G. Masaryka 24, 960 01 Zvolen, Slovak Republic, IČO 00397440

Published twice a year

1st Edition – July 2022

EV 3857/09

ISSN (print) 1337-0863

ISSN (online) 2585-9730

Print

Technical University in Zvolen T. G. Masaryka 24 960 01 Zvolen Slovak Republic

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ISSN 1337-0863 (print) ISSN 2585-9730 (online)