Call for Papers


Special Issue: Engineering and applied mathematics research in military education institutions (J20-8)

Introduction
Modern scientific research in Military Science is primarily based on engineering and applied mathematics disciplines. Tertiary military educational organizations consider the pre-mentioned disciplines as the core of their pre-graduate and post graduate education programs and base a great part of their funded research activities to them.

In this special issue of JDMS, we aim to investigate a plethora of engineering and applied mathematics research topics that military educational institutions have incorporated to their research activities. These research activities could lead to crucial technological outcomes that are widely considered as force multipliers for the 21st century conflicts. Therefore it is very important to explore the state of the art in these topics which attract a worldwide research competition. Potential contributions to this special issue can include, but are not limited to:

- Satellite Communications
- Military Imaging Systems
- Electro Mechanical Systems and Infrared Systems
- Radar and Sonar Systems
- Military Sensor Systems
- Sensor Networks and Self-Organizing Communication Networks
- Wearable Technologies
- Navigation System Applications
- Remote Sensing (Optical-Thermal)
- Unmanned Aerial Vehicles (UAVs & Drones)
- Microwave Remote Sensing (SAR)/ LASER Remote Sensing (LIDAR)
- Advanced Communication Networks
- Telecommunications Electronics
- Communications Security
- Wireless Connections
- Techniques of Electronic Warfare
- Robotics
- Advanced materials
- Space Applications
- Advanced Wired Communications
- Optical Communication Systems and applications
- Command and Control Systems for Increased Situational Awareness in Air, Land and Sea
- Forecasting and Prediction
- Operational Analysis
- Stochastic Reasoning and Its Applications
- Modern Defense Technologies Models
- Cryptosystems/Cryptanalysis

**Due dates**

Full papers due December 31, 2020
Date of publication to be determined

**Submissions for full paper review**

All manuscripts must be submitted electronically through the paper submission system to the [JDMS Manuscript Submission System](#). In the title page, author(s) must specifically mark that the paper is intended for this special issue as follows: "Submission for the Special Issue of JDMS: J20-8 Engineering and applied mathematics research in military education institutions.”

**Final paper submissions**

Each final submission must be prepared based on the JDMS journal requirements (see the [Author Guidelines for JDMS](#) page).

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