

Technology and Innovation, Geopolitics and Operations

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We are pleased to present another edition of the *Coleção Meira Mattos* (CMM). This edition brings together articles that reflect a diversity of perspectives and approaches in the fields of military sciences, security studies, and defense.

We highlight the participation of researchers affiliated with various national and international institutions, whose work addresses topics ranging from technological duality and organizational innovation to Arctic geopolitics and the operational efficiency of multinational task forces. The inclusion of authors from countries such as Pakistan, Nigeria, and Brazil—as well as contributors from institutions such as the *Instituto Militar de Engenharia* (IME), the *Escola Superior de Guerra* (ESG), the *Escola de Comando e Estado-Maior do Exército* (ECEME), the Universidade Federal do Rio de Janeiro (UFRJ), the *Escola de Guerra Naval* (EGN), the Universidade Federal de Lavras (UFLA), and the Universidade Federal do Rio Grande do Sul (UFRGS), along with authors from the Nigerian Army and the Pakistani Army—underscores the pursuit of a more global dialogue within the CMM.

The articles are organized around three main thematic axes: technology and innovation; geopolitics and international security; and military operations and management. In the first axis, the contributions by Rômullo Girardi Moreira and Major General Juraci Ferreira Galdino discuss the “duality” of technology and its implications for developing countries. In addition, Hanameel Carlos Vieira Gomes and collaborators explore the application of lean manufacturing within the context of national defense. These studies provide valuable insights into how technology can serve both as a tool for development and as an instrument of strategic asymmetry.

In the area of geopolitics and international security, the articles by Kamran Siddique, Analúcia Danilevicz Pereira and collaborators, and Francis Afamefuna Obiajulu address, respectively, the challenges of hybrid warfare in Pakistan, Arctic geopolitics, and Nigeria’s defense policy. These works introduce current debates—such as the issues concerning the Arctic and the defense perspectives of African nations—that are seldom highlighted in Brazilian journals.

Finally, in the field of military operations and management, the articles by Thiago da Rocha Passos Gomes and collaborators, and Yusuf Muktar Dodo explore topics such as the preparation and performance of humanitarian assistance forces and the operational efficiency of multinational task force. These studies emphasize the importance of international cooperation and the efficient management of resources for the success of military and humanitarian operations.

In addition to these axes, the works of Nikiforos Joannis Philyppis Junior and Adriano Lauro, Luiz Octávio Gavião and collaborators, and Daniele Diniz and Dany Flávio Tonelli offer significant contributions to discussions on knowledge management and organizational innovation policies within a military context.

This collection of articles reinforces the role of the CMM as a forum for discussion that aims to transcend national boundaries and foster dialogue on international topics and among global authors.

We reaffirm our commitment to academic rigor, the dissemination of knowledge, the promotion of military sciences, and the cultivation of a qualified and plural debate between civilian and military communities.

Enjoy your reading!