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Ergonomics International Journal
ISSN: 2577-2953

Organizational Ergonomics: The Discipline That Keeps Getting Rediscovered Under a New Name

Feldt M*

Department of Occupational Medicine, University of Aarhus, Denmark

***Corresponding author:** Marcus Feldt, Department of Occupational Medicine, University of Aarhus, Denmark

Commentary

Volume 10 Issue 2

Received Date: May 11, 2026

Published Date: May 16, 2026

Introduction

Every few years, management literature rediscovers the idea that how work is organized reporting structures, shift patterns, team composition, decision latitude has a measurable effect on worker wellbeing and performance, and it repackages that idea under a fresh label. "High-performance work systems." "Employee experience design." Most recently, "human-centered operations." Organizational ergonomics has, in fact, been studying exactly this territory for decades, under a name that has never quite achieved the same currency in boardrooms. I want to use this space to reflect on why that might be, and what it costs the field.

Organizational ergonomics, as a subdiscipline, concerns itself with the optimization of sociotechnical systems, including structures, policies, and processes that shape how individuals and teams interact with their work environment. Its canonical concerns job design, participatory design methods, teamwork, workforce scheduling, and organizational culture as it relates to safety and wellbeing sit at exactly the intersection that contemporary management consultancies claim to have newly discovered. The methodological toolkit is also not new: sociotechnical systems theory dates to the Tavistock Institute's work in the 1950s, and participatory ergonomics as a formal methodology has a research lineage stretching back several decades with a reasonably well-developed evidence base on its effectiveness in reducing injury rates and improving job satisfaction [1].

Why, then, does the discipline keep getting rebranded rather than credited? Part of the answer, I suspect, is disciplinary positioning. Ergonomics as a field has historically marketed itself primarily through its physical and cognitive branches workstation design, control panel layout, cognitive load in interface design because these produce tangible, demonstrable, often photographable interventions. A redesigned chair or a simplified dashboard is an easy thing to put in a case study. A redesigned reporting structure or a participatory job-redesign process is a slower, messier, less visually compelling intervention, even when its effects on injury rates and turnover are at least as substantial [2].

There is also a genuine methodological challenge specific to organizational-level interventions: they are harder to isolate experimentally. A change in seating height can be tested in a controlled comparison with reasonable confidence that confounding variables are limited. A change in team autonomy or shift scheduling interacts with dozens of contextual factors leadership quality, existing trust levels, external economic pressure that make clean causal attribution difficult. This is not a reason to abandon the research, but it may be a reason the findings travel less easily into simplified management narratives than a chair redesign does.

I think this matters beyond academic credit-assigning, because the rebranding cycle has a real cost: each time the underlying ideas are relaunched under a new consulting label, they arrive stripped of the accumulated empirical caution that decades of organizational ergonomics research had built around them the caveats about which participatory methods work in which cultural contexts, the documented failure modes of poorly implemented autonomous work teams, the conditions under which flattened hierarchies improve versus degrade safety outcomes. A management book cycle tends to discard that nuance in favor of a clean success narrative, and organizations adopting the relabeled version sometimes repeat mistakes the original literature had already catalogued [3].

My hope, modest as it is, is that practitioners entering adjacent fields organizational psychology, operations management, human resources spend a little more time with

the organizational ergonomics literature before assuming they are charting new territory. The insights are frequently already there, tested, and caveated. What they lack is a marketing department.

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