



ATATURK
UNIVERSITY
PUBLICATIONS

Research *in* Sport Education *and* Sciences

*Formerly: Journal of Physical Education and Sport Sciences
Official journal of Atatürk University Faculty of Sport Sciences*

Volume 25 • Issue 3 • September 2023



EISSN 2822-3527
sports-sciences-atauni-press.org

Research in Sport Education and Sciences

Owner

Necip Fazıl KİSHALI

Department of Physical Education and Sports Teaching, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Associate Editors

Levent ÖNAL

Department of Recreation, Atatürk University, Faculty of Sports Sciences, Erzurum, Turkey

Buket ŞERAN

Department of Coaching Education, Atatürk University Faculty of Sports Sciences, Erzurum, Turkey

Gökhan AYDIN

Department of Sports Management Sciences, Atatürk University Faculty of Sports Sciences, Erzurum, Turkey

English Consulting

Selçuk YAZICI

Department of Translation and Interpreting, Atatürk University, School of Foreign Languages, Erzurum, Turkey

Statistical Consulting

Cengiz KARAGÖZOĞLU

Department of Physical Education and Sports Education, Marmara University, Faculty of Sports Sciences, İstanbul, Turkey

Mehmet Suphi ÖZÇOMAK

Department of Statistics, Atatürk University, Faculty of Economics and Administrative Sciences, Erzurum, Turkey

Editor

Yunus Sinan BİRİCİK

Department of Sports Management Sciences, Atatürk University, Faculty of Sports Sciences, Erzurum, Turkey

Ozan SEVER

Department of Recreation, Atatürk University, Faculty of Sports Sciences, Erzurum, Turkey

Editorial Board

Esedullah AKARAS

Department of Physiotherapy and Rehabilitation, Erzurum Technical University, Faculty of Health Sciences, Erzurum, Turkey

Murat AKYÜZ

Department of Coach Training, Manisa Celal Bayar University, Faculty of Sport Sciences, Manisa, Turkey

Sema ALAY

Department of Sports Management Sciences, Marmara University, Faculty of Sport Sciences, İstanbul, Turkey

Hülya AŞÇI

Department of Psychosocial Areas in Sports, Marmara University, Faculty of Sport Sciences, İstanbul, Turkey

Velittin BALCI

Department of Sport Management, Ankara University, Faculty of Sport Sciences, Ankara, Turkey

Mustafa BAŞ

Department of Physical Education Sports Teaching, Karadeniz Technical University, Faculty of Sport Sciences, Trabzon, Turkey

Gökhan BAYRAKTAR

Department of Sport Sciences, İbrahim Çeçen University, Faculty of Sports Sciences, Ağrı, Turkey

Emre BELLİ

Department of Sport Management Sciences, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Özgür BOSTANCI

Department of Physical Education and Sports Teaching, Ondokuz Mayıs University, Yaşar Doğu Faculty of Sports Sciences, Samsun, Turkey

Güleda BURMAOĞLU

Department of Physical Education and Sports Teaching, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Şebnem CENGİZ

Department of Physical Training and Sports, Celal Bayar University, Faculty of Sport Sciences, Manisa, Turkey

İbrahim CİCİOĞLU

Department of Physical Education and Sports Education, Gazi University, Faculty of Sport Sciences, Ankara, Turkey

Akın ÇELİK

Department of Sport Management, Atatürk University, Physical Education and Sports Vocational School, Erzurum, Turkey



Founder

İbrahim Kara

General Manager

Ali Şahin

Finance Coordinator

Elif Yıldız Çelik

Journal Managers

Deniz Kaya
Irmak Berberoğlu
Arzu Arı

Publications Coordinators

Gökhan Çimen
Alara Ergin
İrem Özmen
Derya Azer
Beril Tekay
Nuri Çalışır

Project Coordinators

Doğan Oruç
Sinem Fehime Koz

Contact

Address: Büyükdere Cad.
199/6, 34394

Şişli, İstanbul, Turkey

Phone: +90 212 217 17 00

E-mail: info@avesyayincilik.com

Research in Sport Education and Sciences

Vedat ÇINAR

Department of Physical Education and Sports Education, Fırat University, Faculty of Sports Sciences, Elazığ, Turkey

Zafer ÇİMEN

Department of Sport Management, Gazi University, Faculty of Sport Sciences, Ankara, Turkey

Nurcan DEMİREL

Department of Sport Management Sciences, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Sertaç ERCİŞ

Department of Recreation, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

S. Erim ERHAN

Department of Physical Education and Sports, Tekirdağ Namık Kemal University, Faculty of Sport Sciences, Tekirdağ, Turkey

Hüseyin EROĞLU

Department of Physical Education and Sports, Kahramanmaraş Sütçü İmam University, Faculty of Sport Sciences, Kahramanmaraş, Turkey

Mahta ESKANDARNEGHAD

Department of Motor Learning and Development, University of Tabriz, Faculty of Physical Education and Sport Sciences, Tabriz, Iran

Kemal GÖRAL

Department of Movement And Training Sciences, Muğla Sıtkı Koçman University, Faculty of Sport Sciences, Muğla, Turkey

İlhami GÜLÇİN

Department of Biochemistry, Atatürk University, Faculty of Pharmacy, Erzurum, Turkey

Mehmet GÜNAY

Department of Physical Education and Sports Education, Faculty of Sports Science, Gazi University, Ankara, Turkey

H. Alper GÜNGÖRMÜŞ

Department of Recreation, Alaaddin Keykubat University, Faculty of Sports Science, Antalya, Turkey

Bülent GÜRBÜZ

Department of Sport Management, Ankara University, Faculty of Sport Sciences, Ankara, Turkey

Yusuf HİDAYAT

Universitas Pendidikan, Fakultas Pendidikan Olahraga dan Kesehatan, Indonesia

Osman İMAMOĞLU

Department of Sport Management, Ondokuz Mayıs University, Faculty of Yaşar Doğu Sport Sciences, Samsun, Turkey

Murat KALDIRIMCI

Department of Sports Health Sciences, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Arslan KALKAVAN

Department of Physical Education and Sports Education, Recep Tayyip Erdoğan University, Faculty of Sports Science, İstanbul, Turkey

Tengku Fadilah Tengku KAMALDEN

Putra Malaysia University, Faculty of Educational Studies, Malaysia

Ümid KARLI

Department of Sport Sciences, Abant İzzet Baysal University, Faculty of Sport Sciences, Bolu, Turkey

Dursun KATKAT

Department of Sport Management, Mersin University, Faculty of Sport Sciences, Mersin, Turkey

Fatih KIYICI

Department of Health Sciences, Atatürk University, Faculty of Physical Education and Sports, Erzurum, Turkey

Ahmet KIZILTUNÇ

Department of Medical Biochemistry, Atatürk University, Faculty of Medicine, Basic Medical Sciences, Erzurum, Turkey

Ayşe KİN İŞLER

Department of Sports and Coaching, Hacettepe University, Faculty of Sports Sciences, Exercise and Sport Sciences, Ankara, Turkey

Alparslan KURUDİREK

Department of Sport Management Sciences, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Orcan MIZRAK

Department of Sport Management Sciences, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Kubilay ÖCAL

Department of Recreation, Muğla Sıtkı Koçman University, Faculty of Sport Sciences, Muğla, Turkey

Şahin ÖZEN

Department of Movement and Training Sciences, Marmara University, Faculty of Sports Sciences, İstanbul, Turkey

Yunus ÖZTAŞYONAR

Department of Sports Management Sciences, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Mir Hamid SALEHIAN

Islamic Azad University, Iran

Özcan SAYGIN

Department of Coaching Education, Muğla Sıtkı Koçma University, Faculty of Sports Sciences, Movement and Training Sciences, Muğla, Turkey

Miroslav SLİZİK

Department of Physical Education and Sports Education, Matej Bel University, Banská Bystrica, Slovakia

C. Tuğrulhan ŞAM

Department of Movement and Training Sciences, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

İlhan ŞEN

Department of Physical Education and Sports Education, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Ömer ŞENEL

Department of Coaching Training, Gazi University, Faculty of Sport Sciences, Ankara, Turkey

Ahmet ŞİRİNKAN

Department of Recreation, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Research in Sport Education and Sciences

Murat TAŞ

Department of Coach Training, Manisa Celal Bayar University, Faculty of Sport Sciences, Manisa, Turkey

Erdoğan TOZOĞLU

Department of Physical Education and Sports, Atatürk University, Faculty of Sport Sciences, Erzurum, Turkey

Shirin YAZDANI

Department of Motor Learning and Development, University of Tabriz, Faculty of Physical Education and Sport Sciences, Tabriz, Iran

Fatih YENEL

Department of Sport Management, Faculty of Sport Sciences, Gazi University, Ankara, Turkey

Erdal ZORBA

Department of Physical Education and Sports Education, Gazi University, Faculty of Sport Sciences, Ankara, Turkey

Research in Sport Education and Sciences

AIMS AND SCOPE

Research in Sport Education and Sciences is a scientific, open access periodical published in accordance with independent, unbiased, and double-blinded peer-review principles. The journal is the official online-only publication of Atatürk University Faculty of Sports Sciences, and it is published quarterly in March, June, September and December. The publication languages of the journal are Turkish and English.

Research in Sport Education and Sciences aims to publish original articles, case reports, reviews, and letters to the editor at the highest scientific value in all fields of physical education and sports science. The journal also publishes book reviews, and biographies within the scope of the journal.

The scope of the journal includes, but not limited to movement and training sciences, physical education and sport teaching sciences, recreation, health sciences in sport, management sciences in sports, and psycho-social sciences in sport.

The target audience of the journal includes sport professionals, amateurs and researchers who are interested or working in physical education and sports sciences, and sports medicine physicians.

Research in Sport Education and Sciences is indexed in DOAJ and EBSCO.

The editorial and publication processes of the journal are shaped in accordance with the guidelines of the International Council of Medical Journal Editors (ICMJE), the World Association of Medical Editors (WAME), the Council of Science Editors (CSE), the Committee on Publication Ethics (COPE), the European Association of Science Editors (EASE), and National Information Standards Organization (NISO). The journal conforms to the Principles of Transparency and Best Practice in Scholarly Publishing (doaj.org/bestpractice).

All expenses of the journal are covered by the Atatürk University Faculty of Sports Sciences. Processing and publication are free of charge with the journal. No fees are requested from the authors at any point throughout the evaluation and publication process. All manuscripts must be submitted via the online submission system, which is available at www.sportsscience-ataunipress.org. The journal guidelines, technical information, and the required forms are available on the journal's web page.

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the Atatürk University Faculty of Sports Sciences., editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

Research in Sport Education and Sciences is an open access publication, and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. All published content is available online, free of charge at www.sportsscience-ataunipress.org. Authors retain the copyright of their published work in the Research in Sport Education and Sciences. The journal's content is licensed under a Creative Commons Attribution-NonCommercial 4.0 (CC BY-NC) that allows third parties to share and adapt the material except for commercial purposes provided that proper credit is given to the authors and the original work.

From January 2022 onwards, content is licensed under a Creative Commons CC BY-NC 4.0 license. The journal's back content was published under a traditional copyright license however the archive is available for free access.

You can find the current version of the Instructions to Authors at <https://sportsscience-ataunipress.org/>.

Editors: Yunus Sinan BİRİCİK

Address: Atatürk University Faculty of Sports Sciences, Erzurum, Turkey

E-mail: sinan.biricik@atauni.edu.tr

Publisher: Atatürk University

Address: Atatürk University, Yakutiye, Erzurum, Turkey

Publishing Service: AVES

Address: Büyükdere Cad., 199/6, 34394 Şişli, İstanbul, Turkey

Phone: +90 212 217 17 00

E-mail: info@avesyayincilik.com

Webpage: www.avesyayincilik.com

Research in Sport Education and Sciences

CONTENTS

RESEARCH ARTICLES

- 51 Views of Girls' Parents on Swimming Competitions**
Ünal SAKI, Seda SABAH, Rümeyza ÖKSÜZ
- 56 Comparison of Some Motoric Characteristics of Female Athletics and Ski Athletes**
Nurcan DEMİREL, Metin BAYRAM, Muzaffer ZEPAK, Cemil Tuğrulhan ŞAM
- 61 Strategic Plan and Performance of Selected Ethiopian Sports Federations**
Samson Wondirad TADESSE, Tesfay Asgedom HADDERA, Aschenaki Taddese TESSEMA
- 68 Investigation of Trait Anxiety Levels and Problem-Solving Skills in Curling Athletes**
Fatih AĞDUMAN
- 74 Wellness Responses During Different Length Match Microcycles in Collegiate Women's Lacrosse**
Amy CABRERA, Michael JIROUTEK, Andrew THORNTON, Jennifer BUNN