

Owner & General Manager  
**Fatma Hatice Durmus**

---

Editorial Board

- Halil Eksi (Editor-in-Chief, Prof. of Education)**  
Department of Educational Sciences, Marmara University, Istanbul, Turkey
- Ahmet Akin (Senior Associate Editor, PhD, Prof. of Education)**  
Department of Educational Sciences, Sakarya University, Sakarya, Turkey  
Subject Area: Educational psychology
- Bulent Dilmac (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Educational Sciences, Necmettin Erbakan University, Konya, Turkey  
Subject Area: Educational psychology
- Osman Tolga Aricak (Senior Associate Editor, PhD, Prof. of Psychology)**  
Department of Psychology, Hasan Kalyoncu University, Gaziantep, Turkey  
Subject Area: Psychological counseling and guidance
- Fulya Cenkseven Onder (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Educational Sciences, Cukurova University, Adana, Turkey  
Subject Area: Psychological counseling and guidance
- Mustafa Otrar (Senior Associate Editor, PhD, Asst. Prof. of Education)**  
Department of Educational Sciences, Marmara University, Istanbul, Turkey  
Subject Area: Psychological counseling and guidance
- Engin Karadag (Senior Associate Editor, PhD, Prof. of Education)**  
Department of Educational Sciences, Eskisehir Osmangazi University, Eskisehir, Turkey  
Subject Area: Educational administration and supervision
- Mesut Sagnak (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Educational Sciences, Ömer Halisdemir University, Niğde, Turkey  
Subject Area: Educational administration and supervision
- Yusuf Alpaydin (Senior Associate Editor, PhD, Asst. Prof. of Education)**  
Department of Educational Sciences, Marmara University, Istanbul, Turkey  
Subject Area: Educational planning
- Murat Kayri (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Computer Engineering, Batman University, Batman, Turkey  
Subject Area: Measurement and evaluation in education
- Ismail Karakaya (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Educational Sciences, Gazi University, Ankara, Turkey  
Subject Area: Measurement and evaluation in education
- Seda Yuksel (Senior Associate Editor, PhD, Prof. of Education)**  
Department of Educational Sciences, Uludag University, Bursa, Turkey  
Subject Area: Curriculum and instruction
- Ahmet Doganay (Senior Associate Editor, PhD, Prof. of Education)**  
Department of Educational Sciences, Cukurova University, Adana, Turkey  
Subject Area: Curriculum and instruction
- Adem Baspinar (Senior Associate Editor, MA in Sociology)**  
Department of Sociology, Kırklareli University, Kırklareli, Turkey  
Subject Area: Sociology of education
- Ahmet Kara (Senior Associate Editor, PhD, Prof. of Economics)**  
Department of Economics, Istanbul Commerce University, Istanbul, Turkey  
Subject Area: Economics of education
- Mesut Sackes (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Educational Sciences, Balıkesir University, Balıkesir, Turkey  
Subject Area: Early childhood education
- Lucia M. Flevaris (Senior Associate Editor, PhD, Experience Programs Teacher)**  
Center of Science and Industry, The Ohio State University, Columbus, OH, USA  
Subject Area: Early childhood education
- Hasan Avcioglu (Senior Associate Editor, PhD, Prof. of Special Education)**  
Department of Educational Sciences, Abant İzzet Baysal University, Bolu, Turkey  
Subject Area: Special education
- Cevriye Ergut (Senior Associate Editor, PhD, Assoc. Prof. of Special Education)**  
Department of Educational Sciences, Ankara University, Ankara, Turkey  
Subject Area: Special education
- Suleyman Nihat Sad (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Educational Sciences, Inonu University, Malatya, Turkey  
Subject Area: Foreign language education
- Nihat Bayat (Senior Associate Editor, PhD, Asst. Prof. of Education)**  
Department of Educational Sciences, Akdeniz University, Antalya, Turkey  
Subject Area: Turkish language education
- Yuksel Goktas (Senior Associate Editor, PhD, Prof. of Education)**  
Department of Educational Sciences, Ataturk University, Erzurum, Turkey  
Subject Area: Computer education and instructional technologies
- Vehbi Aytelkin Sanlan (Senior Associate Editor, PhD, Asst. Prof. of Education)**  
Department of Educational Sciences, Erzurum University, Erzurum, Turkey  
Subject Area: Computer education and instructional technologies
- Erkan Dinc (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Educational Sciences, Usak University, Usak, Turkey  
Subject Area: Social sciences education
- Eyup Artvinli (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Educational Sciences, Eskisehir Osmangazi University, Eskisehir, Turkey  
Subject Area: Social sciences education, geography education
- Ahmet Katilimis (Senior Associate Editor, PhD, Asst. Prof. of Education)**  
Department of Educational Sciences, Marmara University, Istanbul, Turkey  
Subject Area: Social sciences education, history education
- Mehmet Ali Corlu (Senior Associate Editor, PhD, Prof. of Education)**  
Department of Educational Sciences, Istanbul Commerce University, Istanbul, Turkey  
Subject Area: Science education
- Mustafa Sozibilir (Senior Associate Editor, PhD, Prof. of Education)**  
Department of Educational Sciences, Ataturk University, Erzurum, Turkey  
Subject Area: Science education
- Burak Feyzioglu (Senior Associate Editor, PhD, Asst. Prof. of Education)**  
Department of Educational Sciences, Adnan Menderes University, Aydin, Turkey  
Subject Area: Science education
- Murat Saglam (Senior Associate Editor, PhD, Assoc. Prof. of Education)**  
Department of Educational Sciences, Ege University, Izmir, Turkey  
Subject Area: Science education
- Mehmet Ali Gulpinar (Senior Associate Editor, MD, PhD, Assoc. Prof. of Medicine)**  
Marmara University, Department of Medicine, Istanbul, Turkey  
Subject Area: Medical & health education
- Sencer Corlu (Senior Associate Editor, PhD, Assoc. Prof. of Mathematics Education)**  
BAUSTEM Center at Bahçeşehir University, Istanbul, Turkey  
Subject Area: Integrated STEM education
- Yuksel Dede (Senior Associate Editor, PhD, Prof. of Mathematics Education)**  
Department of Educational Sciences, Gazi University, Ankara, Turkey  
Subject Area: Mathematics education
- Ali Eraslan (Senior Associate Editor, PhD, Prof. of Mathematics Education)**  
Department of Educational Sciences, Ondokuz Mayıs University, Samsun, Turkey  
Subject Area: Mathematics education
- Bekir Gur (Senior Associate Editor, PhD, Asst. Prof. of Education)**  
Department of Computer Engineering, Yıldırım Beyazıt University, Ankara, Turkey  
Subject Area: Higher education studies

International Editorial Board

- Abdussalam Al Naddaf (Mutah University, Jordan)  
Ahmet Saban (Necmettin Erbakan University, Turkey)  
Ana Cardoso Allen Gomes (University of Aveiro, Portugal)  
Asmund L. Stromnes (Universitetet i Tromsø, Norway)  
Fouad Abd-El-Khalick (University of Illinois at Urbana-Champaign, USA)  
George Psacharopoulos (Emirutus, University of Illinois, USA)  
Guðmundur Heiðar Frímansson (University of Akureyri, Iceland)  
Hasan Bacanlı (Biruni University, Turkey)  
Haydar Oztas (Necmettin Erbakan University, Turkey)  
Irfan Erdogan (Istanbul University, Turkey)  
Jerry P. Becker (Southern Illinois University, USA)  
John Lidstone (Queensland University of Technology, Australia)  
Kevin C. Wise (Southern Illinois University Carbondale, USA)  
Kola Soyibo (The University West Indies at Mona, Jamaica)  
Lyn English (Queensland Technology University, Australia)  
Margaret Robertson (La Trobe University, Australia)  
Mehmet Bahar (Abant İzzet Baysal University, Turkey)  
Mitja Sardoc (Educational Research Institute, Slovenia)  
Moshe Barak (Ben-Gurion Negev University, Israel)  
Mustafa Baloglu (Hacettepe University, Turkey)  
Norman G. Lederman (Illinois Institute of Technology, USA)  
Pavol Prokop (Trnava University, Slovakia)  
Phyllis Erman (Washington State University, USA)  
Saouma BouJaoude (American University of Beirut, Lebanon)  
Sibylle Reinfried (Teacher Training University of Central Switzerland)  
Soner Durmus (Abant İzzet Baysal University, Turkey)  
Sven Erik Nordenbo (University of Aarhus, Denmark)  
Uwe Gellert (Freie Universität Berlin, Germany)  
Vladimir Gorbanyov (Moscow State Institute of International Relations, Russia)

\* In alphabetical order

---

**Educational Sciences: Theory & Practice** is an international, peer-reviewed, and bimonthly (Published in February, April, June, August, October, and December) journal of the EDAM (Educational Consultancy & Research Center).

**Type of Publication:** Periodical • **Proofreading & Editing:** A. Kevin Collins, John Zacharias Crist, ENAGO (www.enago.com.tr)

**Distribution:** Kızılkulesi Kultur Merkezi (+90 216) 341-0865 • Nobel (+90 312) 434-3897

**Graphic Design:** Semih Edis • **Press:** Limit Ofset, Litros Yolu, 2. Matbaacılar Sitesi, ZA-13, Topkapı / İstanbul, Phone: (+90 216) 567-4535

**Address & Correspondence:** Educational Consultancy & Research Center, Kavacık Mah. Portakal Çıkılmaz Sok. No: 11/2 Beykoz 34810, İstanbul, Turkey • **Phone:** (+90 216) 481-3023

**URL:** www.estp.com.tr • **Email:** editor@edam.com.tr

---