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In this special issue our readers will find:

Scenario-based teaching process in the life science course based on socioscientific issues
by *Sema Öztürk & Hamdi Karakaş*

Investigating preservice science teachers' argument quality through SSI-based instruction: The role of context
by *Ümran Betül Cebesoy & Banuçiçek Özdemir*

Teachers' pedagogical content knowledge on socioscientific issues and social justice
by *Augusto Z. Macalalag, Jr., Zachary Minken, Kelly Feighan, Megan Richardson, Marlin Marte, Gabrielle Ialacci, Benjamin Van Meter, Khaliah Sproul, & Alan Kaufmann*

Developing student agency through authentic application of socioscientific issues in STEM classrooms
by *Becky Mathers, Joseph Johnson, Alan Kaufmann, Nicholas Sinni, Eli Louis, & Eva Henneman*

What do pre-service and mentor teachers learn from collaborative professional development on socioscientific issues?
by *Özge Hazal Aydın, Cigdem Han Tosunoğlu, Oya Ağlarıcı Özdemir, & Özgür Kıvılcın Doğan*

Gold mines as a local socio-scientific issue: Middle school students' informal reasoning
by *Ayşenur Eker & Ahmet Taşdere*

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Special Issue on
Navigating the Socioscientific Landscape: Interdisciplinary Perspectives and Solutions

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Table of Contents İçindekiler

Editorial	
Preface to the special issue on socioscientific issues in education Dana L. Zeidler & Dilek Karışan	439-440
Research Articles	
Scenario-based teaching process in the life science course based on socioscientific issues Sema Öztürk & Hamdi Karakaş	441-464
Investigating preservice science teachers' argument quality through SSI-based instruction: The role of context Ümran Betül Cebesoy & Banuçiçek Özdemir	465-483
Teachers' pedagogical content knowledge on socioscientific issues and social justice Augusto Z. Macalalag, Jr., Zachary Minken, Kelly Feighan, Megan Richardson, Marlin Marte, Gabrielle Ialacci, Benjamin Van Meter, Khaliah Sproul, & Alan Kaufmann	484-507
Developing student agency through authentic application of socioscientific issues in STEM classrooms Becky Mathers, Joseph Johnson, Alan Kaufmann, Nicholas Sinni, Eli Louis, & Eva Henneman	508-534
What do pre-service and mentor teachers learn from collaborative professional development on socioscientific issues? Özge Hazal Aydın, Cigdem Han Tosunoğlu, Oya Ağlarıcı Özdemir, & Özgür Kivilcan Doğan	535-557
Gold mines as a local socio-scientific issue: Middle school students' informal reasoning Ayşenur Eker & Ahmet Taşdere	558-578

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Call for Papers for Special Issue on:

Navigating the Socioscientific Landscape: Interdisciplinary Perspectives and Solutions

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Introduction

In today's complex and interconnected world, socioscientific issues have become paramount. These multifaceted challenges at the intersection of science, society, and ethics demand comprehensive exploration and innovative solutions. This special issue aims to bring together scholars from diverse disciplines to advance our understanding of socioscientific issues and provide valuable insights for addressing them.

Genres of Studies

We invite researchers to submit original manuscripts, reviews, conceptual pieces, and empirical studies that contribute to the dialogue on socioscientific issues. Submissions may include but are not limited to:

Original Research Papers: Empirical studies, quantitative, qualitative research, mixed methods, and case studies that investigate specific socioscientific issues, their impacts, and potential solutions with a focus toward improving classroom practice and/or theory.

Interdisciplinary Perspectives: Manuscripts that explore socioscientific issues from an interdisciplinary standpoint, fostering collaboration between different fields of study, such as science, ethics, policy, and education.

Educational Approaches: Articles focusing on innovative educational strategies and curricular designs for teaching socioscientific issues, along with assessments of their effectiveness.

Policy Analyses: Research that examines the influence of policy and governance on socioscientific issues, as well as proposals for evidence-based policy recommendations.

Ethical Considerations: Papers that delve into the ethical dimensions of socioscientific issues, ethical decision-making frameworks, and the moral responsibilities of scientists and policymakers.

Community Engagement and Stakeholder Involvement: Studies on engaging communities, stakeholders, and the public in addressing socioscientific issues, including participatory research and citizen science.

Submission Guidelines

Please adhere to the journal's submission guidelines and formatting instructions. Manuscripts should be submitted online through the journal's submission portal by 01.07.2024.

We look forward to receiving your contributions to this special issue, which will help advance our understanding and solutions for socioscientific issues in our ever-evolving world.