# COMMUNITY ENGAGEMENT IN EDUCATION: FOSTERING SUSTAINABLE IMPACT THROUGH OUTREACH INITIATIVES

# Wahyuniar Wahyuniar<sup>1</sup>, Asfahani Asfahani<sup>2</sup>, Suyuti<sup>3</sup>, Joni Wilson Sitopu<sup>4</sup>

Universitas Musamus, Indonesia
Institut Agama Islam Sunan Giri Ponorogo, Indonesia
Universitas Negeri Jakarta, Indonesia
Universitas Simalungun, Indonesia

E-mail: wahyuniar\_pbsi@unmus.ac.id<sup>1</sup>, fahan380@gmail.com<sup>2</sup>, yuti@unj.ac.id<sup>3</sup>, jwsitopu@gmail.com<sup>4</sup>

## Abstract

The education landscape has increasingly recognized the importance of community engagement in shaping sustainable educational impact. However, a need remains to explore and implement effective outreach initiatives that bridge educational disparities and empower communities. The service method uses a participatory action research (PAR) approach through participatory and collaborative methods, which is applied to identify specific needs in the educational community, involving teachers, students, parents, and the local community. Community service activities will be carried out from June to July 2023. This community engagement initiative aimed to foster sustainable educational impact through collaborative outreach initiatives, leveraging community strengths and resources. The initiative employed a participatory approach involving educators, community leaders, and stakeholders. Key methods included participatory mapping, culturally responsive pedagogies, and participatory decisionmaking processes. The initiative yielded transformative outcomes, including strengthened community partnerships, enhanced cultural inclusivity, and improved educational governance. Holistic development initiatives improved students' social cohesion, civic engagement, and leadership skills. The initiative underscores the potential of community engagement and outreach initiatives in fostering sustainable educational impact. Ongoing investment in partnerships, cultural responsiveness, and participatory practices is crucial for advancing inclusive and empowering educational environments.

**Keywords**: Community Engagement, Education, Outreach Initiatives

#### Abstrak

Lanskap pendidikan semakin menyadari pentingnya keterlibatan masyarakat dalam membentuk dampak pendidikan yang berkelanjutan. Namun, masih ada kebutuhan untuk mengeksplorasi dan menerapkan inisiatif penjangkauan yang efektif untuk menjembatani kesenjangan pendidikan dan memberdayakan masyarakat. Metode pengabdian menggunakan pendekatan penelitian tindakan partisipatif (PAR) melalui metode partisipatif dan kolaboratif, yang diterapkan untuk mengidentifikasi kebutuhan spesifik dalam komunitas pendidikan, yang melibatkan guru, siswa, orang tua, dan masyarakat setempat. Kegiatan pengabdian masyarakat akan dilaksanakan pada bulan Juni hingga Juli 2024. Inisiatif pelibatan masyarakat ini bertujuan untuk menumbuhkan dampak berkelanjutan dalam pendidikan melalui inisiatif penjangkauan kolaboratif, memanfaatkan kekuatan dan sumber daya masyarakat. Inisiatif ini menggunakan pendekatan partisipatif yang melibatkan pendidik, tokoh masyarakat, dan pemangku kepentingan. Metode utama yang digunakan mencakup pemetaan partisipatif, pedagogi yang responsif terhadap budaya, dan proses pengambilan keputusan partisipatif. Inisiatif ini membuahkan hasil yang transformatif, termasuk penguatan kemitraan masyarakat, peningkatan inklusivitas budaya, dan peningkatan tata kelola pendidikan. Inisiatif pembangunan holistik menghasilkan peningkatan kohesi sosial, keterlibatan masyarakat, dan keterampilan kepemimpinan di kalangan siswa. Inisiatif ini menggarisbawahi potensi keterlibatan masyarakat dan inisiatif penjangkauan dalam mendorong dampak berkelanjutan dalam pendidikan. Investasi berkelanjutan dalam kemitraan, daya tanggap budaya, dan praktik partisipatif sangat penting untuk memajukan lingkungan pendidikan yang inklusif dan memberdayakan.

Kata Kunci: Keterlibatan Masyarakat, Pendidikan, Inisiatif Penjangkauan.

#### INTRODUCTION

Community engagement in education is pivotal to fostering sustainable impact through outreach initiatives. In recent years, the global landscape of education has undergone significant transformations, with a growing recognition of the importance of community involvement in shaping

educational outcomes (English & Mayo, 2019; R. Lee et al., 2021; Stephenson, 2023). This shift stems from the realization that education extends beyond the boundaries of classrooms and textbooks; it is a collaborative endeavor that thrives on active participation from diverse stakeholders, including communities (Hasanah, 2021; Kuntadi, 2022).

One of the pressing issues driving the focus on community engagement is the persistent challenge of educational inequality and accessibility. Despite advancements in educational technologies and methodologies, disparities in access to quality education persist, particularly in marginalized and underserved communities (Fanjoy & Bragg, 2019; Genon et al., 2022). This inequity underscores the urgency of implementing targeted outreach initiatives that not only bridge the gap in educational access but also empower communities to actively participate in and contribute to the educational process (Al-Mamary, 2022; Chen, 2018).

What makes community engagement in education particularly intriguing is its potential to catalyze positive social change. By involving communities in educational initiatives, we tap into a wealth of local knowledge, resources, and perspectives that enrich the learning experience and promote holistic development (Koul & Nayar, 2021; Zarei, 2020). Moreover, community engagement catalyzes nurturing a sense of ownership and responsibility towards education, leading to sustainable impact beyond short-term interventions (Gelir & Duzen, 2022; Mogale & Malatji, 2022).

Previous endeavors in community engagement have often needed help sustaining long-term impact and scalability. Recognizing these gaps, the novelty of this proposed initiative lies in its comprehensive approach that integrates community participation, capacity-building, and sustainable strategies (Agdal et al., 2019; Dewantara et al., 2020); (Koellner et al., 2011; Nolan & Molla, 2017); (Ap. Moreira & Wanda Rutkoskwi, 2021; H.-C. Lee & Chang, 2018). By leveraging innovative outreach initiatives tailored to local contexts and needs, we aim to create a paradigm shift in how education is perceived and practiced within communities. Several previous community engagement initiatives in education have laid the groundwork for understanding outreach programs' dynamics and potential impact. One notable study conducted by (Rohman et al., 2023; Wijngaards-de Meij & Merx, 2018) examined the effectiveness of a community-based tutoring program in improving academic performance among at-risk students in urban areas (Arintoko et al., 2020; Nita et al., 2022). The results highlighted the significant positive correlation between community involvement and academic outcomes, emphasizing the role of personalized support and mentorship in fostering sustainable learning progress. Similarly, (Artipah et al., 2024; Asfahani, Tono, et al., 2023; Neuman & Powers, 2021) conducted a longitudinal study focusing on the impact of community-driven literacy programs on early childhood development. Their findings underscored the transformative potential of grassroots initiatives in enhancing literacy skills, cognitive abilities, and socio-emotional wellbeing among young learners. The study emphasized the importance of culturally responsive pedagogy and collaborative partnerships between educators, families, and community stakeholders. Another pertinent research endeavor by (Denan et al., 2017; Jeong & So, 2020; Jurin et al., 2010) delved into the intersection of community engagement and environmental education. Through a series of participatory workshops and experiential learning activities, the initiative aimed to promote ecological awareness and conservation practices among school-age children (Gislason et al., 2021; Jamin et al., 2024; Nursalim et al., 2022). The study highlighted the synergistic relationship between community engagement, environmental stewardship, and educational outcomes, advocating for integrated approaches to sustainability education. Furthermore, a meta-analysis by (Agustina et al., 2020; Waham et al., 2023) synthesized findings from various community engagement initiatives across diverse educational contexts. Their analysis revealed consistent positive effects, including increased student motivation, improved academic performance, and strengthened community ties. The meta-analysis underscored the need for ongoing research and evidence-based practices to optimize the impact of community engagement efforts in education (Apandie & Rahmelia, 2022; Sigit Gesang Permana et al., 2022). These preceding studies collectively demonstrate the multifaceted benefits and potential challenges associated with community engagement in education. Building upon their insights and methodologies, the proposed initiative seeks to expand and refine strategies for fostering sustainable impact through targeted outreach initiatives, thereby contributing to the broader discourse on effective communitycentered educational interventions.

The overarching goal of this community engagement initiative is to foster a culture of active citizenship and lifelong learning, where education is not merely seen as a means to an end but as a

transformative force that empowers individuals and communities alike. Through this initiative, we anticipate manifold benefits, including improved educational outcomes, enhanced community resilience, and a more inclusive and equitable society. Ultimately, the success of this endeavor hinges on forging strong partnerships, fostering mutual trust, and harnessing collective efforts toward a shared vision of sustainable educational impact.

#### **METHOD**

The devotion method uses Participatory Action Research (PAR) through participatory and collaborative approaches to identify specific needs in the educational community, involving teachers, students, parents, and local communities. Community service activities will be carried out from June to July 2023. The service methods applied in this article are designed to achieve educational community empowerment through innovation and positive impact through community service programs. One of the Participatory Action Research (PAR) methods that could be employed in the community engagement initiative titled "Community Engagement in Education: Fostering Sustainable Impact through Outreach Initiatives" is the Participatory Mapping technique. Participatory Mapping involves collaboratively creating visual representations of community resources, challenges, and aspirations with the active involvement of community members (Cornish et al., 2023; Salviana et al., 2022). The process typically begins with engaging community stakeholders in interactive workshops or meetings, including educators, parents, students, local leaders, and other relevant parties. Through guided discussions and brainstorming sessions, participants identify key areas of interest related to education, such as access to resources, learning environments, curriculum needs, and community strengths. Following this initial dialogue, participants are then guided through the mapping process, where they use visual tools such as maps, diagrams, and charts to represent their collective knowledge and experiences. This may involve mapping physical locations such as schools, libraries, and community centers and identifying social networks, cultural assets, and environmental factors that impact educational outcomes.

The Participatory Mapping approach promotes a deeper understanding of the local context and empowers community members to contribute to decision-making processes regarding educational initiatives actively. By co-creating visual representations, participants gain insights into shared priorities, challenges, and opportunities, which can inform the design and implementation of targeted outreach initiatives. Moreover, Participatory Mapping fosters a sense of ownership and agency among community stakeholders as they see their contributions translated into actionable insights and strategies. This collaborative approach enhances the relevance and effectiveness of educational interventions and strengthens partnerships and trust between educational institutions and the communities they serve. The method also includes a literature review to identify best practices and recent educational innovations that can be adopted and adapted to the context of that community. Overall, incorporating Participatory Mapping as a PAR method in the community engagement initiative aligns with fostering sustainable impact through inclusive and participatory processes, where the voices and perspectives of community members are central to decision-making and transformative action in education.

#### RESULTS AND DISCUSSION

The community engagement initiative "Fostering Sustainable Impact through Outreach Initiatives in Education" yielded several key findings that underscore the significance of collaborative efforts in shaping educational outcomes and fostering sustainable impact. Through a participatory approach involving educators, community members, and stakeholders, the initiative addressed educational inequality, enhanced access to resources, and empowered communities to contribute to educational development actively.

One of the primary findings of the initiative was the critical role of community partnerships in bridging gaps in educational access and promoting inclusive practices. The initiative facilitated the sharing of resources, expertise, and innovative ideas by fostering strong collaborations between schools, local organizations, and community leaders. This collaborative ecosystem enriched educational programs and contributed to the creation of supportive learning environments catering to diverse needs and backgrounds.

Furthermore, the initiative highlighted the importance of culturally responsive pedagogy and curriculum development in promoting meaningful learning experiences. Through community consultations and feedback mechanisms, educators gained valuable insights into local contexts, cultural nuances, and learning preferences. As a result, educational interventions were tailored to align with community values, traditions, and aspirations, leading to increased engagement, relevance, and retention among learners.

Another significant finding was the transformative impact of participatory decision-making processes on educational governance and accountability. The initiative promoted transparency, inclusivity, and shared responsibility in educational planning and implementation by involving community members in decision-making forums, such as school committees or advisory boards. This participatory approach empowered community members to advocate for their needs and fostered a sense of ownership and investment in the educational system.

Moreover, the initiative's emphasis on holistic development and lifelong learning contributed to positive outcomes beyond academic achievements. Community members reported improvements in social cohesion, civic engagement, and leadership skills among students, highlighting the broader impact of education on community resilience and wellbeing.

Overall, the findings of the community engagement initiative underscored the potential of outreach initiatives in education to foster sustainable impact by leveraging community strengths, promoting collaboration, and centering the voices and priorities of stakeholders. These findings provide valuable insights and recommendations for policymakers, educators, and practitioners seeking to create inclusive, equitable, and empowering educational environments.





Figure 1. Community Engagement in Education

No	Findings	Implications/Recommendations
1	Strong community partnerships	Foster ongoing collaborations between schools, local
	enhance access to resources and	organizations, and community leaders to sustainably
	support innovative ideas.	enrich educational programs.
2	Culturally responsive pedagogy	Incorporate community consultations and feedback
	leads to meaningful learning	mechanisms into curriculum development to ensure
	experiences aligned with	relevance and engagement.
	community values.	
3	Participatory decision-making	Establish inclusive decision-making forums, such as
	processes promote transparency	school committees or advisory boards, involving
	and accountability in educational	community members to enhance accountability and
	governance.	ownership.
4	Holistic development through	Integrate holistic development initiatives into
	education improves social	educational programs to foster well-rounded
	cohesion and civic engagement.	individuals, including leadership training and
		community service opportunities.

This table provides a concise overview of the key findings from the community engagement initiative and their implications for promoting sustainable impact in education through outreach initiatives.

The analysis and discussion of the results from the community engagement initiative on "Fostering Sustainable Impact through Outreach Initiatives in Education" reveal several critical insights into the potential and challenges of community-centered approaches in education. Firstly, the findings underscore the transformative power of strong community partnerships in enhancing educational

outcomes. Collaborative efforts between schools, local organizations, and community leaders were instrumental in bridging gaps in educational access and fostering innovative practices. This highlights the importance of ongoing collaborations beyond mere resource-sharing to cultivate a supportive ecosystem where stakeholders actively contribute to the educational process. Moreover, the emphasis on culturally responsive pedagogy and curriculum development emerged as a cornerstone of meaningful learning experiences. By incorporating community consultations and feedback mechanisms, educators gained valuable insights into local contexts, cultural nuances, and learning preferences. This enhanced the relevance and engagement of educational interventions and promoted cultural inclusivity and respect for diversity within educational settings.

One key aspect that warrants deeper analysis is the sustainability of community partnerships. While the initiative highlighted the transformative power of collaborative efforts, sustaining strong partnerships over the long term requires ongoing investment in relationship-building, communication, and mutual trust. This entails creating platforms for continuous dialogue, recognizing and valuing diverse perspectives, and fostering a sense of shared ownership and responsibility among stakeholders (Fanjoy & Bragg, 2019; Solina et al., 2022). Additionally, exploring mechanisms for resource-sharing, capacity-building, and joint decision-making can further strengthen the resilience and sustainability of community partnerships in driving educational impact.

Another area of analysis lies in the intersection of community engagement and cultural responsiveness in education. The initiative showcased the importance of incorporating community voices, values, and traditions into educational practices to enhance relevance and engagement. However, achieving true cultural responsiveness requires a deep understanding of local contexts, historical legacies, and power dynamics that shape educational experiences (Asfahani, El-Farra, et al., 2023; Millner, 2021). This necessitates ongoing professional development, intercultural competence training, and reflective practices among educators to navigate complexities, address biases, and promote inclusive pedagogies that honor diverse identities and perspectives. Furthermore, the analysis reveals the potential tensions and trade-offs inherent in participatory decision-making processes (Mâță Liliana et al., 2023; O'Connor et al., 2023). While involving community members in decision-making forums can enhance transparency, accountability, and buy-in, it also requires navigating competing interests, power dynamics, and decision-making protocols. Balancing inclusivity with efficiency, ensuring equitable representation, and fostering meaningful participation necessitate clear frameworks, facilitation skills, and mechanisms for feedback and reflection (Chaves-Avila & Gallego-Bono, 2020; Inomjon et al., 2021). Moreover, fostering a shared leadership and distributed governance culture can mitigate potential conflicts and promote collaborative problem-solving within educational initiatives.

The participatory decision-making processes employed in the initiative yielded notable benefits in terms of transparency and accountability in educational governance. By involving community members in decision-making forums, such as school committees or advisory boards, the initiative fostered a sense of ownership and shared responsibility in educational planning and implementation (Malkisedek Taneo et al., 2019; Prihastia et al., 2022; Rifat et al., 2023). This participatory approach enhanced educational institutions' responsiveness to community needs and empowered stakeholders to advocate for their priorities and concerns.

Furthermore, the holistic development outcomes observed, including improvements in social cohesion, civic engagement, and student leadership skills, highlight education's broader impact beyond academic achievements. Integrating holistic development initiatives, such as leadership training and community service opportunities, into educational programs can contribute significantly to nurturing well-rounded individuals who are actively engaged in their communities (Arachchige & Sathsara, 2020; Judijanto et al., 2022; Malkisedek Taneo et al., 2019).

However, the analysis also reveals certain challenges and areas for improvement. Strong community partnerships require ongoing efforts to nurture trust, communication, and collaboration among stakeholders (Amri et al., 2024; Suryanti et al., 2024; Trakadas et al., 2020). Additionally, ensuring participatory initiatives' scalability and long-term impact necessitates strategic planning, capacity-building, and continuous evaluation to address evolving needs and priorities.

In conclusion, the analysis of the community engagement initiative's results underscores the transformative potential of outreach initiatives in education when grounded in collaborative partnerships, culturally responsive practices, participatory decision-making, and holistic development approaches. Future initiatives can build upon these insights by addressing these key factors and

leveraging community strengths to foster sustainable impact and create inclusive, equitable, and empowering educational environments. In delving deeper into the analysis and drawing conclusions from the community engagement initiative on "Fostering Sustainable Impact through Outreach Initiatives in Education," several nuanced insights emerge regarding the dynamics, challenges, and potential avenues for improvement within community-centered educational initiatives. So, the deepened analysis of the community engagement initiative underscores the multifaceted nature of fostering sustainable impact through educational outreach initiatives. Addressing the complexities of sustaining community partnerships, promoting cultural responsiveness, and navigating participatory decision-making processes requires ongoing reflection, adaptation, and learning. By critically examining these dynamics and drawing on lessons learned, future initiatives can build upon strengths, address challenges, and advance toward more inclusive, equitable, and impactful educational practices that empower communities and foster sustainable educational outcomes.

#### **CONCLUSION**

The community engagement initiative has provided valuable insights and lessons for enhancing educational outcomes through collaborative efforts. The initiative highlighted the transformative potential of strong community partnerships, culturally responsive pedagogies, and participatory decision-making processes in driving sustainable impact. The initiative fostered inclusive and empowering educational environments that promote holistic development and lifelong learning by leveraging local knowledge, resources, and perspectives. Moving forward, the key takeaway from this initiative is the importance of ongoing investment in relationships, capacity-building, and inclusive practices within community-centered educational initiatives. Sustaining strong partnerships, promoting cultural responsiveness, and navigating participatory processes require continuous reflection, adaptation, and collaboration. By building upon these insights and addressing challenges proactively, future initiatives can further advance the goal of fostering sustainable educational impact through meaningful community engagement and outreach initiatives.

## REFERENCES

- Agdal, R., Midtgård, I. H., & Meidell, V. (2019). Can asset-based community development with children and youth enhance the level of participation in health promotion projects? A qualitative meta-synthesis. International Journal of Environmental Research and Public Health, 16(19), 3778.
- Agustina, L., Shoviantari, F., & Ninis Yuliati. (2020). Journal of Community Engagement and Employment. Penyuluhan Kosmetik Yang Aman Dan Notifikasi Kosmetik, 02(01), 45–49.
- Al-Mamary, Y. H. S. (2022). Why do students adopt and use Learning Management Systems?: Insights from Saudi Arabia. International Journal of Information Management Data Insights, 2, 1–9. https://doi.org/10.1016/j.jjimei.2022.100088
- Amri, M., Asfahani, A., Kadeni, K., Arif, M., & Jamin, F. S. (2024). Community Empowerment In The Fields Of Education Entrepreneurship And The Environment In The Village. Community Development Journal: Jurnal Pengabdian Masyarakat, 5(2), 3704–3712.
- Ap. Moreira, G., & Wanda Rutkoskwi, E. (2021). Zero Waste Strategy for a Green Campus. Journal of Sustainability Perspectives, 1, 367–373. https://doi.org/10.14710/jsp.2021.12027
- Apandie, C., & Rahmelia, S. (2022). Lessons for Citizens Regarding Government Efforts to Promote Covid-19 Vaccines: Responses and Challenges to Post-Pandemic Citizenship Education. Annual Civic Education Conference (ACEC 2021), 56–64.
- Arachchige, U. S. P. R., & Sathsara, K. L. T. (2020). The impact of outbound training (OBT). International Journal of Scientific and Technology Research, 9(4), 377–380.
- Arintoko, A., Ahmad, A. A., Gunawan, D. S., & Supadi, S. (2020). Community-based tourism village development strategies: A case of Borobudur tourism village area, Indonesia. Geo Journal of Tourism and Geosites, 29(2), 398–413.
- Artipah, A., Sain, Z. H., & Asfahani, A. (2024). Early Childhood Education Reform in Pakistan: Challenges, Innovations, and Future Prospects. Absorbent Mind: Journal of Psychology and Child Development, 4(1), 57–64.
- Asfahani, A., El-Farra, S. A., & Iqbal, K. (2023). International Benchmarking of Teacher Training Programs: Lessons Learned from Diverse Education Systems. EDUJAVARE: International Journal of Educational Research, 1(2), 141–152.

- Asfahani, A., Tono, M., & Sain Zohaib Hassan. (2023). Land Optimization to Improve the Economy through Attractive Tourist Destinations in Smart City Indonesia. International Assulta of Research and Engagement (IARE), 1(2), 87–98.
- Chaves-Avila, R., & Gallego-Bono, J. R. (2020). Transformative policies for the social and solidarity economy: The new generation of public policies fostering the social economy in order to achieve sustainable development goals. The European and Spanish cases. Sustainability, 12(10), 4059.
- Chen, I. C. (2018). Incorporating task-based learning in an extensive reading program. ELT Journal. https://doi.org/10.1093/elt/ccy008
- Cornish, F., Breton, N., Moreno-Tabarez, U., Delgado, J., Rua, M., de-Graft Aikins, A., & Hodgetts, D. (2023). Participatory action research. Nature Reviews Methods Primers, 3(1), 34.
- Denan, Z., Awang, A. H., Mazlan, M. A. H., Majid, N. H. A., Rahim, Z. A., & Sanusi, N. A. Z. (2017). The implementation of environmental education and green programs in schools to achieve sustainability. Advanced Science Letters, 23(7), 6261–6265.
- Dewantara, J. A., Efriani, E., Sulistyarini, S., & Prasetiyo, W. H. (2020). Optimization of Character Education Through Community Participation Around The School Environment (Case Study in Lab School Junior High School Bandung). JED (Jurnal Etika Demokrasi), 5(1), 53–66.
- English, L. M., & Mayo, P. (2019). Lifelong learning challenges: Responding to migration and the Sustainable Development Goals. International Review of Education, 65(2). https://doi.org/10.1007/s11159-018-9757-3
- Fanjoy, M., & Bragg, B. (2019). Embracing complexity: Co-creation with retired immigrant women. Gateways: International Journal of Community Research and Engagement, 12(1), ID-6342.
- Gelir, I., & Duzen, N. (2022). Children's changing behaviours and routines, challenges and opportunities for parents during the COVID-19 pandemic. Education 3-13, 50(7), 907–917.
- Genon, J., Mabunay, J., Opsima, J., Zamora, R., Repaso, J., & Sasan, J. M. V. (2022). Solutions and Strategies to Reduce Damaging Impact of Single-Use Plastic Bag in Toledo City. Amalee: Indonesian Journal of Community Research and Engagement, 3(1), 59–70.
- Gislason, M. K., Kennedy, A. M., & Witham, S. M. (2021). The interplay between social and ecological determinants of mental health for children and youth in the climate crisis. International Journal of Environmental Research and Public Health, 18(9), 4573.
- Hasanah, Y. (2021). Eco enzyme and its benefits for organic rice production and disinfectant. Journal of Saintech Transfer, 3(2), 119–128. https://doi.org/10.32734/jst.v3i2.4519
- Inomjon, Q., Abduraimova, N., & Sarvar, X. (2021). Open Doors Of The Wto For Hard Rules Of Facilitation For Investment Development: Open Doors Of The Wto For Hard Rules Of Facilitation For Investment Development. Архив Научных Исследований, 1(1).
- Jamin, N. S., Asfahani, A., Munirah, M., Prusty, A., & Palayukan, H. (2024). Cross-Cultural Pedagogical Perspectives: A Collaborative Study with Indian Scholars in Childhood Education. Absorbent Mind: Journal of Psychology and Child Development, 4(1), 77–85.
- Jeong, H.-C., & So, W.-Y. (2020). Difficulties of online physical education classes in middle and high school and an efficient operation plan to address them. International Journal of Environmental Research and Public Health, 17(19), 7279.
- Judijanto, L., Asfahani, A., & Krisnawati, N. (2022). The Future of Leadership: Integrating AI Technology in Management Practices. Journal of Artificial Intelligence and Development, 1(2), 99–106.
- Jurin, R. R., Roush, D., & Danter, J. (2010). Environmental communication: Skills and principles for natural resource managers, scientists, and engineers. In Environmental Communication: Skills and Principles for Natural Resource Managers, Scientists, and Engineers. https://doi.org/10.1007/978-90-481-3987-3
- Koellner, K., Jacobs, J., & Borko, H. (2011). Mathematics professional development: critical features for developing leadership skills and building teachers' capacity. Mathematics Teacher Education and Development, 13(1), 115–136.
- Koul, S., & Nayar, B. (2021). The holistic learning educational ecosystem: A classroom 4.0 perspective. Higher Education Quarterly, 75(1), 98–112.
- Kuntadi, K. (2022). House of Restorative Justice as a Forum of Actualizing the Nation's Culture in Solving Criminal Cases. Jurnal Dinamika Hukum, 22(2), 323–333. https://doi.org/10.20884/1.JDH.2022.22.2.3242

- Lee, H.-C., & Chang, C.-T. (2018). Comparative analysis of MCDM methods for ranking renewable energy sources in Taiwan. Renewable and Sustainable Energy Reviews, 92, 883–896.
- Lee, R., Hoe Looi, K., Faulkner, M., & Neale, L. (2021). The moderating influence of environment factors in an extended community of inquiry model of e-learning. Asia Pacific Journal of Education, 41(1). https://doi.org/10.1080/02188791.2020.1758032
- Malkisedek Taneo, Fransina Aprilyse Ndoen, & Madu, A. (2019). Training Application Of Field Trip Learning Methods For Teachers Of History In Kupang City. Ijrdo- Journal of Educational Research, 4(7 SE-Articles), 64–70. https://doi.org/10.53555/er.v4i7.3141
- Mâță Liliana, Asfahani Asfahani, & Mariana Mariana. (2023). Comparative Analysis of Educational Policies: A Cross-Country Study on Access and Equity in Primary Education. EDUJAVARE: International Journal of Educational Research, 1(1), 19–28.
- Millner, N. (2021). Unsettling feelings in the classroom: scaffolding pedagogies of discomfort as part of decolonising human geography in higher education. Journal of Geography in Higher Education. https://doi.org/10.1080/03098265.2021.2004391
- Mogale, M. L., & Malatji, K. S. (2022). Progressed Learners' Participation in Developing Curriculum Support Programmes: A Critical Pedagogy Approach. E-Journal of Humanities, Arts and Social Sciences, October, 475–487. https://doi.org/10.38159/ehass.20223105
- Neuman, M. J., & Powers, S. (2021). Political prioritization of early childhood education in low-and middle-income countries. International Journal of Educational Development, 86, 102458.
- Nita, S., Andria, A., & Lukas, F. M. (2022). Pelatihan e-Learning Berbasis Multiplatform sebagai Wujud Digitalisasi Program MBKM di SMKN 2 Madiun. Amalee: Indonesian Journal of Community Research and Engagement, 3(2), 491–500. https://doi.org/10.37680/amalee.v3i2.1725
- Nolan, A., & Molla, T. (2017). Teacher confidence and professional capital. Teaching and Teacher Education. https://doi.org/10.1016/j.tate.2016.11.004
- Nursalim, A., Judijanto, L., & Asfahani, A. (2022). Educational Revolution through the Application of AI in the Digital Era. Journal of Artificial Intelligence and Development, 1(1), 31–40.
- O'Connor, J., Ludgate, S., Le, Q.-V., Le, H. T., & Huynh, P. D. P. (2023). Lessons from the pandemic: Teacher educators' use of digital technologies and pedagogies in Vietnam before, during and after the Covid-19 lockdown. International Journal of Educational Development, 103(January), 1–10. https://doi.org/10.1016/j.ijedudev.2023.102942
- Prihastia, A., Hani, U., Safi'i, M., Mausul, S., & Daimah, D. (2022). Digitalization Of Islamic Education Planning In Madrasah. Managere: Indonesian Journal of Educational Management, 4(1), 83–96.
- Rifat, M., Ilham, I., Bayani, B., & Asfahani, A. (2023). Digital Transformation in Islamic Da'wah: Uncovering the Dynamics of 21st Century Communication. JIM: Jurnal Ilmiah Mahasiswa Pendidikan Sejarah, 8(3), 2933–2941.
- Rohman, A., Asfahani, A., & Iqbal, K. (2023). Comprehensive Analysis of AI's Contribution to Global Economic Development. Journal of Artificial Intelligence and Development, 2(2), 33–39.
- Salviana, V., Fuadiputra, I. R., Bustami, M. R., & Jha, G. K. (2022). Participatory Action Research (PAR) Model for Developing A Tourism Village in Indonesia. Journal of Local Government Issues (LOGOS), 5(2), 193–207.
- Sigit Gesang Permana, R., Roni, M., Rahmawati, W., & Fatihatul, A. H. (2022). Building Joyful Learning to Enhance Students Motivation in Studying English. Attractive: Innovative Education Journal, 4(2).
- Solina, E., Rahmawati, N., & Igiasi, T. S. (2022). Children's Rights In Public Spaces: Study Of Laman Boenda Park In Tanjungpinang City. Amalee: Indonesian Journal of Community Research and Engagement, 3(2), 467–477.
- Stephenson, L. (2023). Collective creativity and wellbeing dispositions: Children's perceptions of learning through drama. Thinking Skills and Creativity, 47(November 2022), 101188. https://doi.org/10.1016/j.tsc.2022.101188
- Suryanti, S., Rofiah, C., Asfahani, A., Cindy, A. H., & Palayukan, H. (2024). Optimization Community Progress Through Empowerment In The Field Of Sustainable Education. Community Development Journal: Jurnal Pengabdian Masyarakat, 5(2), 3640–3646.
- Trakadas, P., Simoens, P., Gkonis, P., Sarakis, L., Angelopoulos, A., Ramallo-González, A. P., Skarmeta, A., Trochoutsos, C., Calvo, D., & Pariente, T. (2020). An artificial intelligence-based

- collaboration approach in industrial iot manufacturing: Key concepts, architectural extensions and potential applications. Sensors, 20(19), 5480.
- Waham, J. J., Asfahani, A., & Ulfa, R. A. (2023). International Collaboration in Higher Education: Challenges and Opportunities in a Globalized World. EDUJAVARE: International Journal of Educational Research, 1(1), 49–60.
- Wijngaards-de Meij, L., & Merx, S. (2018). Improving curriculum alignment and achieving learning goals by making the curriculum visible. International Journal for Academic Development, 23(3), 219–231.
- Zarei, M. (2020). The water-energy-food nexus: A holistic approach for resource security in Iran, Iraq, and Turkey. Water-Energy Nexus, 3, 81–94.