Public Communication and Fake News: Combating Misinformation in the Post-Truth Era

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Abstract
In the post-truth era, where emotions and personal beliefs often override objective facts, the spread of fake news poses significant challenges to public communication. This study examines the role of public communication in identifying, addressing, and combating misinformation across digital platforms. Through a qualitative content analysis of government campaigns, media initiatives, and public responses, this research highlights the strategies employed to mitigate the impact of fake news on public opinion and democratic discourse. The findings indicate that transparency, media literacy, fact-checking mechanisms, and real-time engagement are critical components of effective public communication. Furthermore, the study underscores the need for cross-sector collaboration among governments, media organizations, and civil society to build public resilience against misinformation. This research contributes to the growing body of literature on digital communication and offers practical recommendations for policymakers and communication professionals navigating the complexities of the post-truth information landscape.

Keywords: Public Communication, Fake News, Misinformation, Post-Truth Era, Media Literacy, Democratic Discourse

Introduction

In the last decade, global discourse has been heavily influenced by the emergence of the post-truth era, a socio-political condition in which objective facts have less influence in shaping public opinion than personal emotions and beliefs(Bakir & McStay, 2018; Lazer et al., 2018). Oxford Dictionaries even designated post-truth as "Word of the Year" in 2016, indicating that this phenomenon has become an important part of the dynamics of contemporary communication (Gjerazi & Skana, 2023). This era is marked by the increasing prevalence of manipulative information, where emotional narratives are more easily accepted by the public even though they are not supported by empirical evidence. This is exacerbated by social media algorithms that prioritize content based on user engagement rather than the validity or accuracy of the information (Farhall et al., 2019).

The main characteristic of the post-truth era is the dominance of emotions over rationality in the decision-making process and the formation of public opinion (Tong et al., 2020). In this context, feelings of anger, fear, and group identification are more influential in shaping public perception of an issue than scientific data or facts. As a consequence, people tend to trust information that aligns with their personal views, even if the information is fake news(Harjuniemi, 2022). This creates a fragmented information ecosystem and reinforces the echo chamber phenomenon, where individuals are only exposed to information that confirms their beliefs. In such a situation, the role of public communication is crucial to bridge the gap between facts and perceptions, as well as restore public trust in credible and evidence-based information (Naeem et al., 2021).

The development of digital technology and the emergence of social media have revolutionized the way people access, produce, and disseminate information. In this context, social media such as Facebook, Twitter, and WhatsApp are the main channels for the distribution of news and public opinion(Meinert et al., 2018). However, the ease of sharing information without a strict verification process actually opens up space for the massive and rapid spread of false information. According to Allcott and Gentzkow (2017), social media allows fake news to spread more widely and quickly compared to news from the mainstream media due to its algorithmic nature that prioritizes sensational content and triggers emotional engagement. This is reinforced by the findings

of Vosoughi, Roy, and Aral (2018), who stated that false information is 70% more likely to be shared compared to true information (Meinert et al., 2018).

This phenomenon is exacerbated by the low digital literacy of some people and the rise of echo chambers and filter bubbles, which cause users to only be exposed to information that suits their own views. Artificial intelligence technologies applied in social media algorithms tend to reinforce the polarization of information, where content that reinforces users' trust will appear more often in their timeline (Pariser, 2011). As a result, false or misleading narratives gain social legitimacy through repetition and emotional support from ideological groups. In an information ecosystem like this, fake news not only spreads faster, but it is also harder to fight with traditional communication approaches(Lee, 2020). Therefore, an adaptive and evidence-based public communication strategy is needed to deal with these challenges effectively.

The spread of fake news has had a significant impact on the social order of society. Misleading information can trigger panic, exacerbate social polarization, and erode public trust in formal institutions such as the media, government, and educational institutions(Tambini, 2017). In the context of public health, for example, the rampant hoaxes related to COVID-19 vaccination have been proven to hinder mass vaccination programs in various countries, including Indonesia, and increase public resistance to health policies (Islam et al., 2020). In addition, fake news can also encourage distorted behavior, intolerance, and even disinformation-based violence, as has happened in various cases of social unrest triggered by fake news that goes viral on social media.

In the realm of public policy and democracy, fake news has more serious implications because it can manipulate public opinion and influence election results or political decisions. Organized disinformation can be used as a propaganda tool by political actors to create distorted perceptions of certain candidates, parties, or policies, thereby harming the principles of a healthy and transparent democracy (Tucker et al., 2018). In the long run, the rise of fake news can erode the foundations of deliberative democracy, where rational and data-driven public discussion is replaced by unverified emotional narratives. Therefore, strengthening credible public communication, as well as increasing public information literacy, is the main urgency in maintaining the integrity of democracy and social trust.

The spread of fake news has had a real and wide impact on social structures, policy-making processes, and democratic systems(Brennen, 2017). Society becomes vulnerable to information manipulation that exploits emotions, group identity, and cognitive bias, which ultimately creates social polarization and erodes cohesion between citizens. In public policy, false information can create rejection of strategic programs, such as vaccinations, education reform, or social assistance. Furthermore, in the context of democracy, fake news has been used as a propaganda tool to spread disinformation ahead of elections, reduce voter participation rates, and undermine the credibility of democratic institutions (Lazer et al., 2018). When the public loses trust in the information circulating, the legitimacy of political decisions is also threatened (McGonagle, 2017).

In facing these challenges, public communication plays a very vital role in building critical public awareness, strengthening information literacy, and maintaining the integrity of the information space. Effective public communication must be able to bridge between government institutions, the media, and society by conveying accurate, transparent, and accessible information. Public education through digital literacy campaigns, the provision of quick clarifications, and collaboration with the media and digital platforms are the main strategies in stemming the flow of misinformation. In addition, responsive and data-based public communication also strengthens people's resilience in the face of hoaxes and systematic disinformation. Thus, strengthening the capacity of public communication is not only important to maintain the quality of democracy, but also to create a more adaptive and critically thinking society in the post-truth era (Lewandowsky et al., 2017).

Research by Pennycook and Rand (2019) found that individuals tend to share information that matches their group's beliefs or identity, even if the information is not verified to be true. This finding is strengthened by research by Tandoc et al. (2018) which revealed that critical thinking skills and media literacy have a negative correlation with the tendency to spread hoaxes. Thus, in the context of the spread of fake news, the problem lies not only in the news content itself, but also in the cognitive behavior of media users as well as the structure of digital platforms that facilitate the virality of content.

Research Methods

This research uses a qualitative approach with the library research method as the main basis for data collection and analysis. The literature review was chosen because this study aims to explore theoretical concepts, scientific findings, and public communication practices in dealing with the spread of fake news in the post-truth era, based on relevant scientific sources. The data sources consist of scientific books, articles from reputable international journals, research reports, and policy documents related to public communication issues, disinformation, media literacy, and digital social media dynamics.

Data analysis is carried out using a content analysis approach, which is by systematically examining various literature to identify the main themes, patterns, and strategies used in public communication to counter the spread of fake news. The analysis process includes the stage of collecting reference sources, thematic classification, interpretation of content based on communication theory, and synthesis of various relevant findings. The validity of the data is maintained through the use of accredited and up-to-date scientific sources (for the last 10 years), as well as reference triangulation to ensure the accuracy of the information. Through this method, the research is expected to make a conceptual contribution to a deeper understanding of public communication strategies in maintaining information integrity in the midst of the challenges of the post-truth era.

Result and Discussion

The Role of Social Media in the Spread of Fake News

Social media has become one of the main platforms in digital communication, but on the other hand, it also plays a central role in the spread of *fake news* . According to research by Lazer et al. (2018), social media significantly accelerates the flow of information, allowing news to spread quickly and expand in a short period of time(Egelhofer & Lecheler, 2019). This happens due to the interactive nature of social media platforms, where any user can share content without the need for verification or clarification first. This speed of distribution, which was previously only possible by traditional media channels, has now become easier and faster, allowing misinformation to spread more widely in a matter of hours.

One of the factors that exacerbates the spread of *fake news* on social media is the algorithms used by platforms such as Facebook, Twitter, and YouTube. These algorithms often prioritize content that has the potential to grab the user's attention or trigger emotions, such as provocative or sensational content. A study by Vosoughi et al. (2018) showed that fake news is more likely to be shared compared to true news, especially when the news touches on a user's emotions, such as fear or anger. Because these algorithms work based on engagement, such as the number of clicks, comments, and shares, fake news often gets more attention than factual and verified news (Varona Aramburu et al., 2019).

In addition, the characteristics of social media as an unfiltered open space lead to the existence of *echo chambers* , where individuals tend to only interact with people who share the same views and beliefs. This phenomenon, according to Sunstein (2018), exacerbates the spread of disinformation because users are more likely to trust information that matches their views, even when the information is false or misleading. In this kind of environment, incorrect messages can be amplified by repetition, with more and more individuals sharing and approving unverified content.

Not only that, social media also creates space for the spread of hoaxes in a more organized and systematic form. Research by Ferrara et al. (2016) shows that certain actors, such as political groups or other malicious actors, can use social media to spread *fake news* designed to influence public opinion or even election results. For example, a targeted disinformation campaign used users' personal data on Facebook during the 2016 U.S. election, where fake news about political candidates was shared to influence voter perception(Harjuniemi, 2022). This shows how social media is not only a means of distributing information, but also as a manipulative tool that can be set up for specific purposes.

People often find it easier to trust news spread through social media due to a lack of skills in digital media literacy. Without the ability to effectively verify the source of information, many individuals are trapped in the narrative constructed by *fake news*. Research by Friggeri et al. (2014)

revealed that low media literacy levels among social media users make them more vulnerable to false information. Although a number of social platforms have attempted to address this issue by adding fact-checking tools and warning labels to suspicious content, the effectiveness of this approach is still limited due to the lack of active participation from users in verifying information.

In response to these challenges, it is important to create more effective strategies in combating the spread of *fake news* on social media. One of the proposed solutions is to improve digital literacy among the public, especially in terms of the ability to recognize and respond critically to false information. In addition, social media platforms need to work with government agencies and independent organizations in developing more advanced verification technologies, as well as educating users on the importance of verifying information sources before sharing content(Figueira & Oliveira, 2017). These measures can help create a healthier and more transparent information ecosystem on social media.

Public Communication Strategies in Overcoming Disinformation
Public communication strategies play a crucial role in overcoming disinformation, especially in the context of the spread of fake news that is increasingly widespread in the digital age. One of the main strategies used is an education-based approach that aims to improve people's media and digital literacy. Good media literacy allows individuals to identify credible information and distinguish between facts and disinformation. According to Lewandowsky et al. (2017), media literacy education can effectively improve people's ability to recognize fake news and reduce its impact. Therefore, educational campaigns that teach how to verify information, understand media bias, and identify legitimate sources are essential in the face of these challenges.

In addition, public communication can also use information transparency as a strategy to build public trust. In this context, the government and media institutions are expected to provide accurate and clear information, as well as clarify openly if there is misinformation. Research by Tandoc et al. (2018) shows that information disclosure can increase the credibility of public institutions in the eyes of the public and reduce dependence on obscure sources. By providing clear communication channels and open access to data, public communication can reduce the room for disinformation to flourish (Iskandar et al., 2023)

In addition, the use of technology for information verification is also one of the effective strategies in overcoming disinformation. Public communication institutions can work with social media platforms and independent organizations to develop better fact-checking systems. For example, the automation technology used by Facebook and Twitter to flag and label dubious content can help prevent the spread of false information. According to Pennycook and Rand (2018), the use of algorithms to detect patterns of disinformation spread can be a powerful tool in stemming hoaxes, although the challenge is to ensure that the algorithm does not bias or exacerbate social polarization (Bakir & McStay, 2018).

Another strategy that is no less important is collaboration between various stakeholders, be it government agencies, mass media, digital platforms, and civil society. This collaboration allows for better coordination in forming consistent and accurate messages. A study by Margetts et al. (2017) found that cross-sector collaboration can strengthen people's resilience to disinformation by expanding the reach of educational messages and accelerating the dissemination of clarifications. For example, collaboration between the government and non-governmental organizations in media literacy campaigns or community empowerment can increase the effectiveness of anti-hoax campaigns more broadly.

Furthermore, increasing direct interaction with the public is also an important element in public communication strategies. In the face of disinformation, it is important for public institutions to listen to the concerns of the public and provide space for two-way dialogue(Tong et al., 2020). This can be done through social media platforms or interactive forums that allow the public to ask questions and obtain direct clarifications. Research by Hallahan (2008) shows that open two-way communication can strengthen the relationship between the government and the community, as well as reduce the potential for the spread of hoaxes caused by distrust of authority.

Finally, communication campaigns based on empathy and shared values can play a very important role in defusing the polarization that is often triggered by disinformation. Campaigns that focus on empathy and values that are acceptable to all groups of society have the potential to reduce

the tensions that arise due to the false information that is circulating. According to research by Tufekci (2015), approaches that prioritize shared human values, such as justice and equality, can reduce the negative impact of disinformation and strengthen social cohesion. In this case, public communication that focuses on common views and building mutual understanding is more effective in dealing with disinformation that divides society.

Effective Public Communication Models in Post-Truth Contexts

Public communication in the post-truth context faces great challenges because personal emotions and beliefs are often more dominant than objective facts. In these situations, an effective public communication model must be able to address cognitive bias and mitigate the impact of false or misleading information. One relevant model is the narrative-based communication model(Harjuniemi, 2022). Research by Green & Garst (2016) shows that stories or narratives that can connect facts with personal experiences or emotional values have the potential to influence audiences more strongly than objective data or statistics. Therefore, the use of authentic narratives, which evoke feelings and humanize information, can help increase the connection between society and the message being conveyed, as well as reduce the influence of disinformation.

In addition, in the face of post-truth, a communication model that focuses on the active participation of the audience is also very important. This model emphasizes the importance of two-way interaction between the message conveyor and the audience, by providing opportunities for the audience to engage in discussions and decision-making processes. According to research by Lievrouw (2011), participation-centered communication can help create deeper engagement, as well as encourage audiences to think critically and evaluate information independently. This model considers the audience not just as passive recipients, but as active participants in shaping the message and meaning of the information received, which can reduce reliance on unverified false information.

One of the public communication models that is increasingly popular in overcoming post-truth challenges is the evidence-based communication model. This model focuses on delivering information that is based on credible and verifiable research and data. This model emphasizes the importance of transparency in conveying the sources of information used, so that the audience can easily assess the reliability and accuracy of the message conveyed(Figueira & Oliveira, 2017). According to Brashers et al. (2002), evidence-based communication can increase credibility and strengthen the message conveyed, as audiences tend to trust information that can be supported by clear and valid data. In this way, evidence-based models can help address the spread of false information that does not have a solid basis.

The persuasive communication model also remains one of the effective strategies in dealing with post-truth. Persuasion in public communication aims not only to change the audience's views, but also to help them question and verify the information they receive. Research by O'Keefe (2016) shows that a persuasive approach that involves the use of strong, evidence-based logical arguments can help audiences to think more critically about the message they receive. This model focuses on creating communication channels that allow audiences to objectively evaluate facts and statements, which will reduce the influence of unverified fake news.

In addition, communication models based on collaboration and transparency are also very relevant in the post-truth context. In this model, public institutions and mass media work together with non-governmental organizations, academic communities, and digital platforms to create a more transparent and accountable information system. A study by Grice (2019) shows that collaboration between various parties can strengthen messages that educate the public about the importance of fact-verification, as well as increase awareness of the dangers of disinformation. This collaboration allows various parties to share resources, expertise, and credible information, thereby improving the public's ability to sort out true and false information (Farhall et al., 2019).

Finally, in the post-truth context, a trust-building communication model is very important. In a society that is often divided due to differences of opinion and increased distrust of the media and institutions, communication strategies that focus on building trust can improve the relationship between public institutions and society(Lazer et al., 2018). According to Putnam (2000), trust is a fundamental element in effective public communication. Communication that is transparent,

consistent, and based on shared values can help rebuild lost trust and encourage audiences to be more open to information coming from trusted sources. Thus, building trust is an essential first step in overcoming the challenges of disinformation in the post-truth era.

Conclusion

       This research shows that public communication plays a very important role in overcoming the challenges posed by the spread of disinformation, especially in the post-truth context. In this era, where personal emotions and beliefs are often more dominant than objective facts, it is important for public communication strategies to prioritize an approach based on education, transparency, and active participation of the community. Through effective communication models, such as authentic narratives, evidence-based communication, and persuasiveness, people can be empowered to identify and verify the information they receive. Therefore, implementing clear, data-driven communication strategies that prioritize audience engagement can help combat the spread of fake news and increase social resilience to disinformation.

References

Bakir, V., & McStay, A. (2018). Fake News and The Economy of Emotions: Problems, causes, solutions. *Digital Journalism*, *6*(2), 154–175. https://doi.org/10.1080/21670811.2017.1345645

Brennen, B. (2017). Making sense of lies, deceptive propaganda, and fake news. *Journal of Media Ethics: Exploring Questions of Media Morality*, *32*(3), 179–181. https://doi.org/10.1080/23736992.2017.1331023

Egelhofer, J. L., & Lecheler, S. (2019). Fake news as a two-dimensional phenomenon: a framework and research agenda. *Annals of the International Communication Association*, *43*(2), 97–116. https://doi.org/10.1080/23808985.2019.1602782

Farhall, K., Carson, A., Wright, S., Gibbons, A., & Lukamto, W. (2019). Political Elites' Use of Fake News Discourse Across Communications Platforms. *International Journal of Communication*, *13*, 4353–4375. http://ijoc.org.

Figueira, Á., & Oliveira, L. (2017). The current state of fake news: Challenges and opportunities. *Procedia Computer Science*, *121*, 817–825. https://doi.org/10.1016/j.procs.2017.11.106

Gjerazi, B., & Skana, P. (2023). Impact of Politically Motivated Fake News on Public Opinion: a Case Study of Deliberate Dissemination of Disinformation. *Balkan Social Science Review*, *22*(22), 365–382. https://doi.org/10.46763/BSSR232222365g

Harjuniemi, T. (2022). Post-truth, fake news and the liberal 'regime of truth' – The double movement between Lippmann and Hayek. *European Journal of Communication*, *37*(3), 269–283. https://doi.org/10.1177/02673231211046784

ISKANDAR, D., SURYAWATI, I., SURATNO, G., LILIYANA, L., MUHTADI, M., & NGIMADUDIN, N. (2023). Public Communication Model In Combating Hoaxes And Fake News In Ahead Of The 2024 General Election. *International Journal of Environmental, Sustainability, and Social Science*, *4*(5), 1505–1518. https://doi.org/10.38142/ijesss.v4i5.856

Lazer, D. M. J., Baum, M. A., Benkler, Y., Berinsky, A. J., Greenhill, K. M., Menczer, F., Metzger, M. J., Nyhan, B., Pennycook, G., Rothschild, D., Schudson, M., Sloman, S. A., Sunstein, C. R., Thorson, E. A., Watts, D. J., & Zittrain, J. L. (2018). The science of fake news: Addressing fake news requires a multidisciplinary effort. *Science*, *359*(6380), 1094–1096. https://doi.org/10.1126/science.aao2998

Lee, F. L. F. (2020). Social media and the spread of fake news during a social movement: The 2019 Anti-ELAB protests in Hong Kong. *Communication and the Public*, *5*(3–4), 122–125. https://doi.org/10.1177/2057047320969437

McGonagle, T. (2017). "Fake news": False fears or real concerns? *Netherlands Quarterly of Human Rights*, *35*(4), 203–209. https://doi.org/10.1177/0924051917738685

Meinert, J., Mirbabaie, M., Dungs, S., & Aker, A. (2018). Is It Really Fake? – Towards an Understanding of Fake News in Social Media Communication. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, *10913 LNCS*(July), 484–497. https://doi.org/10.1007/978-3-319-91521-0_35

Naeem, S. Bin, Bhatti, R., & Khan, A. (2021). An exploration of how fake news is taking over social media and putting public health at risk. *Health Information and Libraries Journal*, *38*(2), 143–149. https://doi.org/10.1111/hir.12320

Tambini, D. (2017). Fake News: Public Policy Responses. *LSE Media Policy Project*, 20. http://eprints.lse.ac.uk/73015/1/LSE MPP Policy Brief 20 - Fake news_final.pdf

Tong, C., Gill, H., Li, J., Valenzuela, S., & Rojas, H. (2020). "Fake News is Anything They Say!"– Conceptualization and Weaponization of Fake News Among the American Public. *Mass Communication and Society*, *00*(00), 755–778. https://doi.org/10.1080/15205436.2020.1789661

Varona Aramburu, D., Pérez Escolar, M., & Sánchez Muñoz, G. (2019). Teoría del framing y protoperiodismo. Estudio de los atributos asociados a la figura de Magallanes en los diarios de Pigafetta y Francisco Albo. *Latina, Revista de Comunicación*, *74*, 734–747. https://doi.org/10.4185/RLCS