



# “A study on Youth Perspective on Green Environment and Education at the G20 summit: A Comprehensive analysis”

*Asst. Prof. Raksha Karwa*

*Swayam Siddhi Mitra Sangh's Degree College*

## **Abstract: -**

This research paper investigates the perceptions and attitudes of the global youth population towards the G20 summit, specifically focusing on the summit's initiatives related to green environment and education. With environmental sustainability and education being critical components of the global agenda, this study aims to understand how young individuals perceive, engage with, and contribute to these specific aspects of the G20 summit.

Utilizing a mixed-methods approach, including surveys, interviews, and content analysis of social media platforms, the research explores the level of awareness among youth regarding G20 policies addressing environmental sustainability and education. The study examines the extent to which young people actively participate in or advocate for initiatives aimed at fostering a green environment and improving educational opportunities globally.

Through case studies and cross-cultural comparisons, the paper aims to identify commonalities and differences in youth perspectives on green initiatives and education policies promoted by the G20. It also explores the potential impact of these policies on the lives of young individuals, considering factors such as climate change awareness, sustainable development goals, and educational access.

In conclusion, this research contributes valuable insights into the role of youth in promoting a sustainable and educated global future through G20 summit initiatives. The findings inform policymakers and stakeholders about the effectiveness of current measures and highlight areas for improvement to ensure a more inclusive and responsive approach to environmental and educational challenges on a global scale.

**Index Terms:** -Climate Change, Survey, Educational opportunities globally, sustainable development goals, Policymaker, stakeholder, Social Media.

**Introduction: -**

A new era of unparalleled global challenges, including poverty and inequality as well as economic instability and climate change, began at the turn of the twenty-first century. The international community looked for ways to coordinate and take collective action globally in response to these complex challenges. The Group of Twenty (G20) has gained recognition as a key participant in the quest of sustainable development among the several conferences and organizations that arose to address these issues. The G20 was first held in reaction to the world financial crises of the late 20th century, but it has since developed into a preeminent forum for discussion and collaboration between the most significant economies in the world. Its scope has broadened to include a variety of socioeconomic and environmental issues, having previously been limited to financial stability and economic growth. The G20 is a crucial player in the effort to accomplish the Sustainable Development Goals (SDGs) because of its broad membership and significant economic influence, which have allowed it to take center stage in determining the global agenda.

The G20 represents 80 percent of the world's population, economic output, and greenhouse gas emissions. It is thus essential that the G20 support the implementation of the 2030 Agenda and its ambition to renew the concepts of human development and prosperity within the planetary boundaries. Due to the economic weight and population size of the G20 countries, any change in domestic policies towards sustainable development in the sense mentioned above can generate important global progress. Without a commitment to implementation by the G20 countries, it will be difficult to keep the momentum alive for the 2030 Agenda also beyond the G20, among high-income, middle-income, and least developed countries. Most importantly, if the G20 wants to facilitate, and not undermine, sustainable development, it must use its combined influence to shape global economic governance and international cooperation.

The youth, comprising a substantial portion of the global population, wield immense potential as agents of change. Their viewpoints and active participation in discussions surrounding environmental conservation and education policies are essential for crafting inclusive, effective, and forward-looking strategies. This study seeks to delve into the multifaceted dimensions of youth engagement, awareness, and advocacy within the context of the G20 Summit, exploring the nuanced ways in which young individuals perceive and contribute to global efforts for a greener and more educated world.

This comprehensive analysis seeks to delve into the multifaceted dimensions of youth perspectives on green environment and education at the G20 Summit. By examining the awareness, attitudes, and engagement of young individuals, this study aims to provide valuable insights into the efficacy and impact of G20 initiatives in these critical domains.

**NEED OF THE STUDY:**

Through a combination of qualitative and quantitative research methods, this study will explore the following key areas:

1. To know the level of awareness among youth regarding G20 policies addressing green environment and education.
2. To know Youth perceptions of the effectiveness and relevance of G20 initiatives in promoting environmental sustainability and improving education outcomes.
3. To analyse the extent of youth participation in or advocacy for environmental and educational initiatives within their communities and globally.
4. To highlight the Opportunities and challenges in enhancing youth engagement in shaping G20 policies and priorities related to green environment and education.

By shedding light on these issues, this research aims to inform policymakers, stakeholders, and the broader public about the perspectives and aspirations of young people regarding the global pursuit of a sustainable and inclusive future. Ultimately, this analysis seeks to contribute to more responsive, equitable, and youth-centered approaches to addressing the intertwined challenges of environmental sustainability and education on the global stage.

## **LITERATURE REVIEW**

A comprehensive review of the existing literature is crucial for establishing the context, identifying gaps, and understanding the current state of knowledge regarding youth perspectives on green environment and education at the G20 Summit. Below is a brief review of key themes and findings from the literature:

### **Youth Participation in Global Governance:**

Roesch International (2021) has published in their research paper how youth are playing effective role to build Peace and tackle environment change , government and multinational institutional must shift towards inclusive governance system that involve and empower youth.

### **G20 Initiatives and Sustainable Development:**

(Goyal and Kukreja, 2020),Observer Research Foundation. The concept of “sustainable development” is hinged on three interdependent and mutually reinforcing pillars: economic development, social development, and environmental protection. It calls on human societies to meet their needs without compromising the ability of future generations to meet their own. Studies highlight the G20's commitment to sustainable development and environmental stewardship. Various summits have produced declarations and action plans addressing climate change, biodiversity loss, and sustainable resource management. However, the literature suggests that there is a need for more nuanced analyses of the G20's actual impact on achieving sustainability goals, particularly from the viewpoint of youth stakeholders.

## **Education as a Catalyst for Sustainable Development:**

Maria published (2021) Theoretically, education has a different effect on corruption and development. Education has been proven to increase legal awareness, social cohesion, and civic responsibility, all of which will lead to a negative relationship between education and participation in corruption. According to his research Secondary education can be a priority because it significantly reduces corruption in both developed and developing member countries. It complements primary education and aims to lay the foundation for lifelong learning and human resource development with more learning subjects complete with skills-oriented courses delivered by more specialized teachers.

## **Challenges in Youth Participation:**

Young activists are demanding immediate and bold action from global leaders, promoting a vision for climate justice that acknowledges the interlinkages between racial, gender, poverty and climate issues. Building on the momentum created by the youth movement, Greta Thunberg was invited to speak at the UN Climate Action Summit, at COP25 in Madrid and at the European Parliament, while also being named Time magazine's Person of the Year in 2019. Existing research points to challenges in integrating youth perspectives into global governance structures. Issues such as lack of representation, limited access to decision-making processes, and insufficient platforms for youth engagement are discussed. Understanding and addressing these challenges are considered essential for ensuring meaningful youth involvement in shaping policies related to the environment and education. Giulia Sofia Sarno is Junior Researcher in the Energy, Climate and Resources Programme at the Istituto Affari Internazionali (IAI). This paper was prepared in the framework of the project "Towards the COP26: a 'green recovery' for a sustainable and prosperous world".

## **RESEARCH METHODOLOGY**

The research methodology for studying "Youth Perspectives on Green Environment and Education at the G20 Summit: A Comprehensive Analysis" involves a well-structured approach combining qualitative and quantitative methods. The goal is to gather nuanced insights into the awareness, attitudes, and engagement of young individuals regarding G20 policies related to green environment and education. Below is an outline of the research methodology:

### **Scope of the study:**

The scope of the study is restricted to only Bhiwandi people who are actively involve in education system.

### **Data collection:**

- Primary data is collected with the help of a structure questionnaire.
- Secondary data is collected through various material published online, websites, articles, books.

Sample Size

The sample size is 50 respondents from educational field.

Research Design:

This study is based on Exploratory research.

Sampling Technique:

Convenient sampling technique is used for this research study.

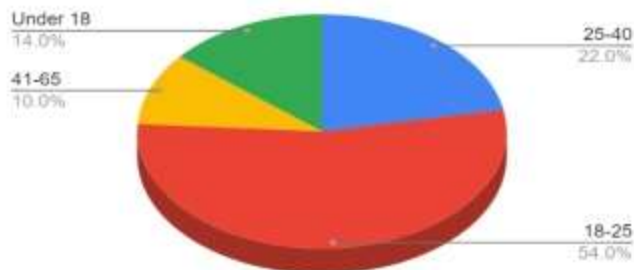
Statistical Tool:

The statistical tools used in analysing the data is pie charts.

**DATA ANALYSIS AND INTERPRETATION:**

**Q1.What is your age?**

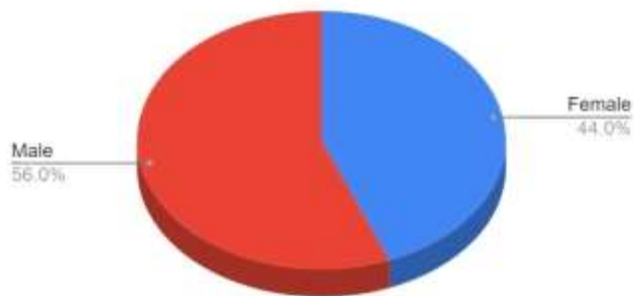
Age( in years )	Total
Under 18	07
18-25	27
25-40	11
41-65	05
Total	50



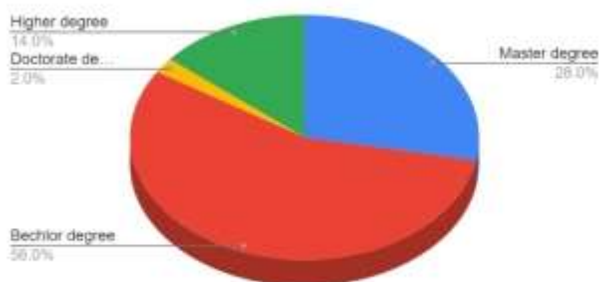


**Q2. What is your gender identity?**

Gender	
Male	28
Female	22
Total	50

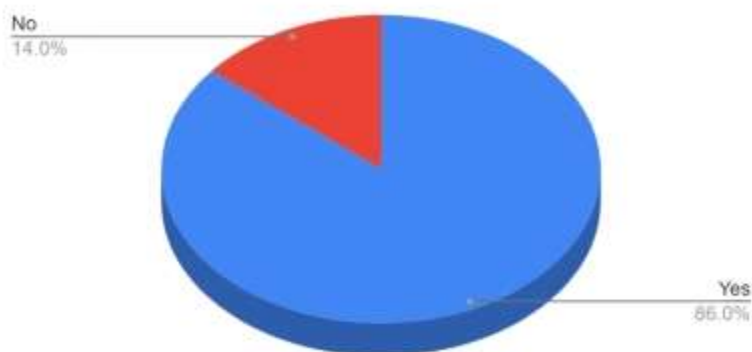
**Q3.Education level**

Education	
Higher Education	07
Degree Education	28
Master Degree	10
Doctorate	1
Total	50



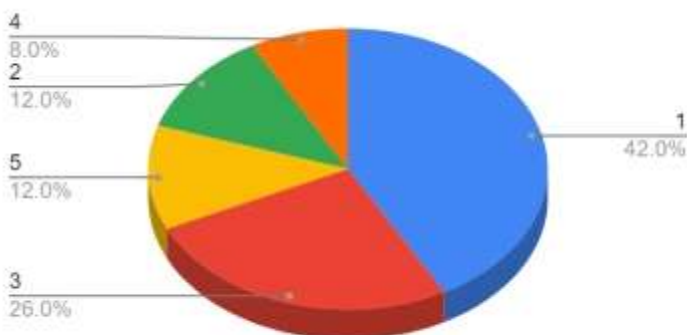
**Q4 Were you aware of the G20 Summit and its initiatives related to the environment and education before participating in this survey?**

	Response
<b>Yes</b>	<b>43</b>
<b>No</b>	<b>17</b>



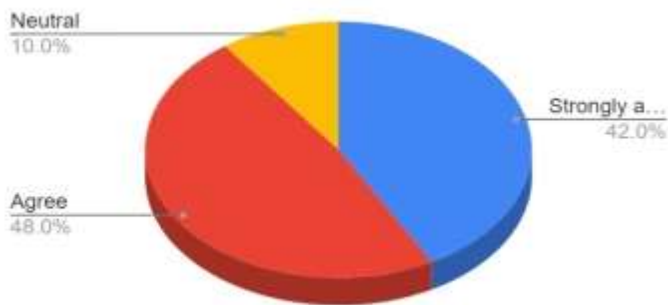
**Q5 How would you rate your knowledge about G20 policies addressing green environment and education?**

<b>Very knowledgeable</b>	<b>21</b>
<b>Knowledgeable</b>	<b>6</b>
<b>Avaregable</b>	<b>13</b>
<b>Less knowledgeable</b>	<b>4</b>
<b>Not knowledgeable</b>	<b>6</b>



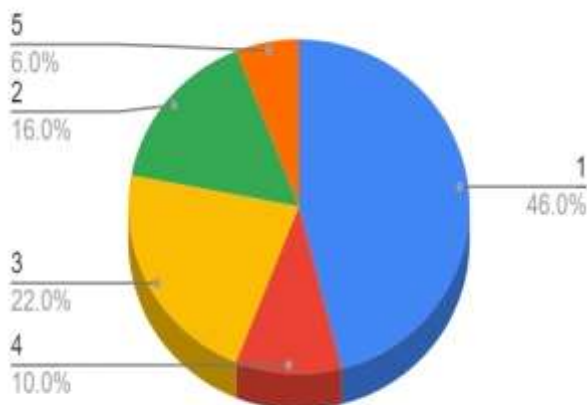
**Q6 Do you believe that addressing environmental sustainability should be a priority in global policymaking?**

<b>Neutral</b>	<b>5</b>
<b>Strongly</b>	<b>21</b>
<b>Agree</b>	<b>24</b>



**Q7 To what extent do you think G20 initiatives effectively contribute to promoting a green environment?**

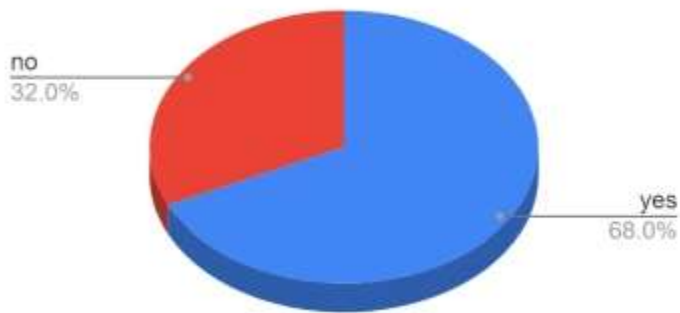
<b>Very effective</b>	<b>23</b>
<b>Effective</b>	<b>08</b>
<b>Average</b>	<b>11</b>
<b>Less effective</b>	<b>05</b>
<b>Ineffective</b>	<b>03</b>





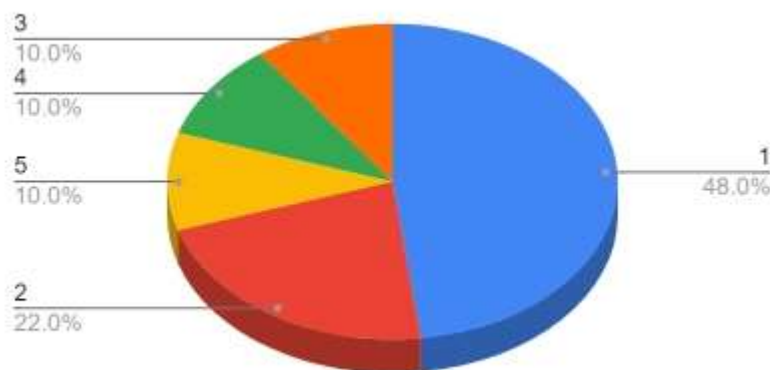
**Q8 Have you personally participated in or supported any initiatives promoting environmental sustainability in your community or globally?**

<b>Yes</b>	<b>34</b>
<b>No</b>	<b>16</b>



**Q9 How important do you think it is for G20 countries to prioritize global education initiatives?**

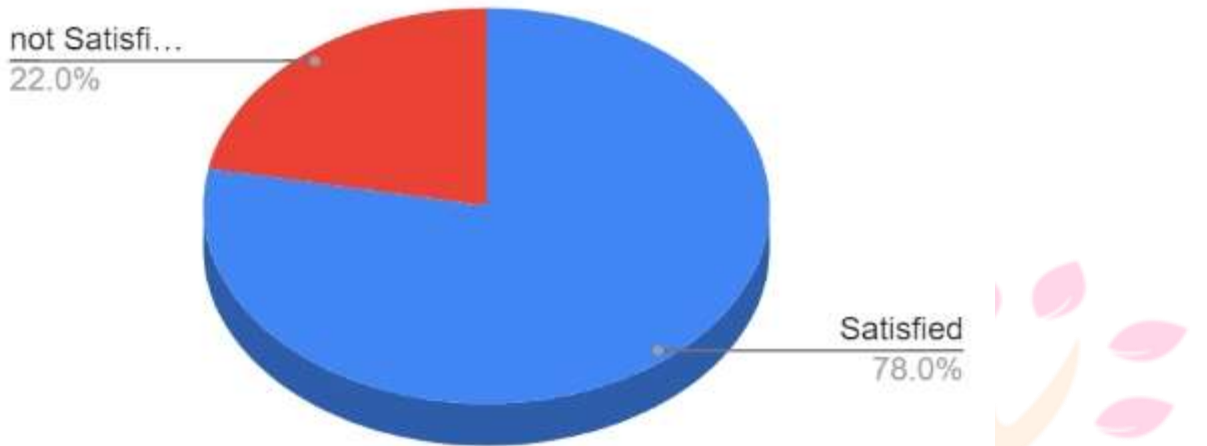
<b>Very Important</b>	<b>24</b>
<b>Important</b>	<b>11</b>
<b>Average</b>	<b>05</b>
<b>Less Important</b>	<b>05</b>
<b>Not Important</b>	<b>05</b>



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### Q10 How do you feel about the level of youth representation and engagement in G20 discussions related to green environment and education?

Satisfied	39
Not Satisfied	11



### **Conclusion and Recommendation: -**

Collective action to promote the 2030 Agenda is more urgent than ever. The Earth's ecosystems face multiple tipping points that threaten the future of human development. Avoiding these tipping points is dependent on switching energy generation, transport, and heat to renewable energy technologies, and reducing the heavy burden on soils, biodiversity, oceans, watersheds, and climate associated with resource and energy-intensive production and consumption patterns and practices in agriculture and forestry. An increasing concentration of incomes, economic power, and knowledge as well as command over technologies will reduce the transformative capacity of societies within and outside the G20.

In light of their economic weight and their impact on global environmental change, all G20 members should do their share to respect the global consensus to achieve the 2030 Agenda and to promote global cooperation. The comprehensive analysis of youth perspectives on green environment and education at the G20 Summit has yielded significant insights into the awareness, attitudes, and engagement of young individuals in shaping global policies. This study sought to bridge the existing gaps in understanding the nuanced relationship between youth and G20 initiatives, particularly in the realms of environmental sustainability and education.

Awareness and Perception: -

In this study, an examination was conducted to gauge the perception of approximately 50 respondents regarding their comprehension of environment education. The result highlight that it is essential to prioritize to create awareness among youth, given their influential role within college to create green environment.

Attitudes Towards G20 Initiatives:

Youth attitudes toward G20 initiatives were found to be generally positive, with recognition of the importance of global collaboration in addressing environmental challenges and enhancing education. Several universities and institutes are also organising a variety of events on the themes mentioned in the finance and Sherpa track of G20 initiative. Guest lectures, Seminars, Conferences, Road shows, Awareness campaigns on various topics can be organized by educational institution.

Intersectionality and Inclusivity:

Findings highlighted the significance of recognizing and addressing the diverse experiences of youth. Gender, socio-economic status, and regional disparities impact the ways in which young individuals interact with and perceive G20 policies. Future initiatives must adopt an intersectional approach to ensure inclusivity and equity.

Based on the analysis, recommendations for policymakers and advocacy groups include:

- Based on the analysis, recommendations for policymakers and advocacy groups include:
- Enhancing communication strategies to increase youth awareness of G20 initiatives.
- Strengthening mechanisms for youth representation in decision-making processes.
- Fostering partnerships between governments, NGOs, and educational institutions to bridge gaps in education access and quality.

In conclusion, this comprehensive analysis contributes valuable knowledge to the ongoing discourse on youth engagement, environmental sustainability, and education within the G20 context. As the international community collectively pursues a more equitable and sustainable future, recognizing the agency of youth in shaping policies becomes imperative. The findings of this study provide a foundation for further research and underscore the importance of fostering collaboration between global leaders and the next generation for the benefit of the planet and its people.

**Reference**

1. Mohanty, A., & Wadhawan, S. (2021). *Mapping India's Climate Vulnerability: A District Level Assessment*. Council on Energy, Environment and Water.]

2. Lee, T. M., Markowitz, E. M., Howe, P. D., Ko, C. Y., & Leiserowitz, A. A. (2015). Predictors of public climate change awareness and risk perception around the world. *Nature climate change*, 5(11), 1014-1020.]
3. Hermanson, L., Smith, D., Seabrook, M., Bilbao, R., Doblas-Reyes, F., Tourigny, E., ... & Kumar, A. (2022). WMO global annual to decadal climate update: a prediction for 2021–25. *Bulletin of the American Meteorological Society*, 103(4), E1117-E1129.
4. Körfgen, A., Keller, L., Kuthe, A., Oberrauch, A., & Stötter, H. (2017). (Climate) Change in young people's minds—From categories towards interconnections between the anthroposphere and natural sphere. *Science of the Total Environment*, 580, 178-187.
5. Reid, A. (2019). Climate change education and research: possibilities and potentials versus problems and perils?. *Environmental Education Research*, 25(6), 767-790.
6. Hestness, E., McGinnis, J. R., & Breslyn, W. (2019). Examining the relationship between middle school students' sociocultural participation and their ideas about climate change. *Environmental Education Research*, 25(6), 912-924.
7. Kolenatý, M., Kroufek, R., & Činčera, J. (2022). What triggers climate action: The impact of a climate change education program on students' climate literacy and their willingness to act. *Sustainability*, 14(16), 10365.
8. Graulich, D. M., Schärting, R., Kuthe, A., Fiene, C., & Siegmund, A. (2021). Young people and their (mis) conceptions on climate change adaptation. In *Handbook of Climate Change Management: Research, Leadership, Transformation* (pp. 5223-5241). Cham: Springer International Publishing.
9. World Meteorological Organization. Global Annual to Decadal Climate Update. 2021. Available online: [https://hadleyserver.metoffice.gov.uk/wmolc/WMO\\_GADCU\\_2019.pdf](https://hadleyserver.metoffice.gov.uk/wmolc/WMO_GADCU_2019.pdf) (accessed on 10 May 2023).
10. UNESCO. *Education for Sustainable Development*; UNESCO: Paris, France, 2017; ISBN 978-92-3-100209-0. Available online: <https://www.unesco.org/en/education-sustainable-development> (accessed on 10 September 2023).

