

# Core Youth Participation and Involvement in the Municipality of Santa Cruz, Laguna: Basis for Developing a Comprehensive Plan for the Youth Sector

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## Abstract

This study aimed to assess the level of core youth participation in the programs, projects, and activities (PPAs) initiated by the Local Government Unit (LGU) Santa Cruz. Specifically, it sought to determine the demographic profile of the respondents, the level and type of youth participation in the PPAs based on the Typology of Youth Participation and Empowerment (TYPE) Pyramid, the youth involvement across nine centers of participation, and the relationship between demographic profiles, type of youth participation, and levels of youth involvement. *Methods:* A Descriptive-Quantitative survey analysis design was employed, complemented by the Descriptive method of research. The study involved 297 core youth respondents aged 18 to 24 from Santa Cruz, Laguna, selected through Stratified Random Sampling. A structured questionnaire was used as the research instrument, which underwent rigorous content validation. Data were analyzed using frequency and percentage distribution, weighted mean, standard deviation, and Pearson-R product moment of correlation.

*Findings:* The study revealed that youth aged 20 to 22 were most engaged, with a slight gender imbalance favoring females. Most respondents were In-of-School Youth (ISY), and there was robust participation across all types of youth-driven initiatives—Adult-Driven, Youth-Driven, and Youth-Adult Shared Control. Education, Active Citizenship, and Environment showed the highest levels of youth involvement, while areas like Health, Economic Empowerment, and Governance displayed moderate engagement. Significant relationships were found between demographic profiles, type of youth participation, and levels of youth involvement across various centers. *Conclusions:* Contrary to the hypotheses, demographic profiles and types of youth participation significantly influenced youth engagement across different program areas. The study highlighted the need for inclusive strategies tailored to specific demographic groups, emphasizing the importance of a balanced approach that ensures youth voices are heard and valued.

*Recommendations:* Based on the study's findings, recommendations include enhancing the Youth-Adult Partnership, creating tailored engagement programs for demographic groups with lower participation, establishing youth councils for leadership development, and offering training and mentorship programs. Initiatives such as a Youth Innovation Fund, diversifying sports programs, and collaborating with educational institutions are suggested to boost youth involvement. Supporting youth-led environmental projects, promoting active citizenship, and providing entrepreneurship support are also highlighted. Strategies should be age-specific, and dedicated youth-friendly spaces should be established. Lastly, a continuous monitoring and evaluation system is advised to assess and improve program effectiveness.

**Keywords:** *Core Youth; Participation; Involvement; Youth-Adult Shared Control; Youth-Adult Partnership*

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## I. Introduction

The youth are widely recognized as integral contributors to nation-building, a notion supported by a plethora of literature and research. Young people, constituting a significant proportion of the global population, contribute to economic, social, and political development (Johnson, Patel, Lee, & Garcia, 2020). The United Nations Department of Economic and Social Affairs (2014) emphasizes that participation is a fundamental right, enshrined in the Universal Declaration of Human Rights and reaffirmed in various international agreements. Active involvement empowers youth to not only enhance their own capabilities but also to contribute meaningfully to community development, fostering vital life skills, awareness of human rights, and positive civic engagement. Equipping young individuals with the necessary knowledge, education, and access to their civil liberties enables them to engage effectively within society.

Youth participation in political, economic, and social spheres is crucial for establishing robust and inclusive democracies. This importance is underscored in Article II, Section 13 of the 1987 Philippine Constitution, which recognizes the vital role of youth in nation-building, promoting their holistic well-being and encouraging their active engagement in public affairs (Philippine Constitution, 1987). Moreover, the enactment of Republic Act (RA) 10742, or the Sangguniang Kabataan (SK) Reform Act of 2015, further demonstrates the government's commitment to fostering youth participation. This legislation aims to establish mechanisms for empowering youth and ensuring their meaningful involvement in local governance and nation-building (Republic Act No. 10742, 2015).

At the local level, the Municipal Government of Santa Cruz, Laguna has embraced these principles through Municipal Ordinance No. 42 – S2020 and Municipal Ordinance No. 50 – S2020, which establish the Municipal Youth Development Office and the Municipal Youth Development Council, respectively. These ordinances seek to promote wide-ranging youth participation in local governance, facilitate the creation of a Local Youth Development Plan, and oversee its implementation.

As the designated Local Youth Development Officer of Santa Cruz, Laguna, the researcher recognizes the significance of studying how the youth participates in local government initiatives. Engaging in decision-making has proven to give young individuals a stronger sense of empowerment and accountability. This active involvement not only encourages ownership but also deepens their understanding of civic responsibilities (Smith & Johnson, 2018). Studies show that including youth in shaping policies boosts the effectiveness of programs designed for them (Martinez & Gomez, 2018). Moreover, encouraging youth participation can strengthen community social unity and inclusion (Nguyen & Smith, 2016).

Conducting a local study on youth participation in Santa Cruz, Laguna will provide valuable insights into the specific needs and preferences of the youth population, facilitating the development of tailored programs and policies. Moreover, the findings of this research can inform evidence-based policymaking, enabling the municipality to allocate resources effectively and promote a vibrant and inclusive local community. Ultimately, investing in research on youth participation is an investment in the future, ensuring that the voices and perspectives of young citizens are acknowledged and respected.

## II. Methods

### 2.1 Research Design

The research design employed for this study is a Descriptive-Quantitative survey analysis design, complemented by the Descriptive method of research, which was deemed the most appropriate approach. This methodology was chosen to assess youth participation within the programs, projects, and activities (PPAs) of the Local Government Unit (LGU) of Santa Cruz, focusing on the framework of the 9 centers of youth participation. Descriptive Research, involves systematically collecting, presenting, and interpreting data to describe a phenomenon (Thompson & Garcia, 2017). Quantitative Survey Analysis Design, as outlined by Babbie (2019), focuses on collecting numerical data to quantify relationships and patterns. The Descriptive Method of Research, detailed by Creswell and Creswell (2017), seeks to objectively depict and narrate a phenomenon without altering it. By utilizing these methods, the study aims to provide an objective description of youth participation in the LGU's PPAs, ensuring comprehensive data collection and analysis to address the research objectives effectively.

## 2.2 Respondents of the Study

The respondents of the study consist of Core Youth aged 18 to 24 within the Local Government Unit (LGU) of Santa Cruz, Laguna, chosen due to their crucial role in community engagement and transition from adolescence to adulthood. The sample size comprises 297 core youth respondents, as determined by Raosoft Sample Calculator from the original pool of 780 respondents.

They were selected using a Stratified Random Sampling technique to ensure representativeness across the municipality's five zones. This method accounts for the diversity among barangays within each zone, recognizing their unique characteristics and demographics. The study's robust sampling design aims to capture the nuances of youth participation, enhancing the validity and reliability of the findings within the Santa Cruz community.

## 2.3 Research Procedure

The research procedure encompassed several structured steps to ensure systematic data collection and analysis. In 2023, the study commenced with the proposal and approval of the research title, followed by the meticulous development and validation of a questionnaire by the researcher, incorporating feedback from advisor and subject specialist. Official permissions were then sought from municipal authorities, facilitating the administration of the questionnaire to Core Youth respondents in Santa Cruz. Post-data collection, rigorous analysis ensued, culminating in the integration of panel feedback to refine the final manuscript. Central to data collection was a specifically tailored questionnaire, designed with a Likert-scale rating format to comprehensively capture youth participation within LGU Santa Cruz across various Programs, Projects, and Activities (PPAs) aligned with the nine centers of youth participation.

## 2.4 Research Instrument

The research instrument utilized in this study is a structured questionnaire tailored to assess the depth and nature of Core Youth participation within the Local Government Unit (LGU) of Santa Cruz, Laguna. Comprising three parts, the questionnaire encompasses various constructs and dimensions relevant to youth engagement and involvement in LGU programs, projects, and activities (PPAs) aligned with the nine centers of youth participation. Part I focuses on gathering demographic information, including age, sex, barangay and youth status. Part II delves into the type of youth participation in LGU Santa Cruz PPAs, utilizing a Likert-scale rating format ranging from "Strongly Agree" to "Strongly Disagree" to gauge respondents' perceptions as follows.

<b>Numeric Weight</b>	<b>Verbal Description</b>	<b>Descriptive Indicators</b>
5	Strongly Agree	76% - 100% - High level of agreement or a very positive perception of the statement
4	Agree	51%- 75% - Agreement with the statement but might have some reservations or uncertainty
3	Moderately Agree	26%- 50% - Lack of strong agreement or disagreement
2	Disagree	1%- 25% - Disagreement with the statement
1	Strongly Disagree	0% - High level of disagreement or a very negative perception of the statement

Part III assesses the level of youth involvement in LGU PPAs, employing the same Likert-scale rating format to measure degrees of engagement as follows.

<b>Numeric Weight</b>	<b>Verbal Description</b>	<b>Descriptive Indicators</b>
5	Fully Involved	76% - 100% - Deeply engaged and actively participated in a significant number of the LGU's PPAs and are considered key contributors to the programs' success
4	Involved	51%- 75% - Actively and consistently participated in many of the LGU's PPAs
3	Moderately Involved	26%- 50% - Consistently involved in several of the LGU's PPAs
2	Minimally Involved	1%- 25% - Occasionally participated in one or a few of the LGU's PPAs
1	Not Involved	0% - Not engaged in any of the LGU's PPAs

The questionnaire underwent rigorous content validation through concurrent validity method to ensure clarity, reliability, and validity of the instrument. Concurrent validity involved presenting the survey to the researcher's adviser and other experts for feedback to assess clarity and comprehensibility. The data collection process involved obtaining official authorization from municipal authorities, followed by the dissemination of letters of request to key stakeholders, including the municipal mayor, Sangguniang Kabataan (SK) Federation, and various youth-oriented organizations in Santa Cruz. Personal administration of the questionnaire to the core youth respondents facilitated direct interaction and clarification of uncertainties. Overall, the research instrument was meticulously designed and implemented to gather pertinent data effectively, ensuring the reliability and validity of the study's findings.

### 2.5 Research Instrument

The following statistical treatments were used to test and analyse the data collected.

To determine the profile of core youth respondents in terms of age, sex and youth status, frequency and percentage distribution were used.

To find out the level of youth participation in the PPAs of the municipal government of Santa Cruz Laguna based on the TYPE Pyramid, weighted mean and standard deviation were utilized.

To determine the significant relationship between the demographic profile of the respondents and the programs, projects and activities (PPAs) of the LGU Santa Cruz in terms of the nine centers of youth participation weighted mean and standard deviation were also utilized.

To find out the significant relationship between the type of youth participation based on the TYPE Pyramid and the levels of youth involvement in the programs, projects, and activities (PPAs) of the LGU Santa Cruz in terms of the nine centers of youth participation, Pearson-R product moment of correlation was used.

Overall, these statistical treatments facilitated a comprehensive analysis of the data, enabling the researchers to draw meaningful conclusions regarding youth participation in LGU Santa Cruz PPAs.

## III. Results

### 3.1 Demographic Profile of Respondents

The analysis of the demographic profile of respondents provides valuable insights into the characteristics

of the core youth population in the Municipality of Santa Cruz, Laguna.

**Table 1.** Frequency and Percentage Distribution of Respondents Demographic Profile

Demographic Profile	Frequency	Percentage
AGE		
○ 18 years old – 19 years old	95	32.0
○ 20 years old to 22 years old	150	50.5
○ 23 years old to 24 years old	52	17.5
SEX		
○ Male	126	42.4
○ Female	171	57.6
Youth Category		
○ In-of-School Youth (ISY)	248	83.5
○ Out-of-School Youth (OSY)	25	8.4
○ Working Youth	24	8.1
<b>Total</b>	<b>297</b>	

The majority of respondents fall within the age range of 20 to 22 years old, comprising 50.5% of the total sample, followed by those aged 18 to 19 years old at 32.0%. This concentration within the 20-22 age group suggests a higher level of engagement in the survey, possibly due to their transition from adolescence to early adulthood, characterized by increased social awareness and community involvement. However, respondents aged 23 to 24 years old represent the smallest proportion at 17.5%, indicating potentially lower participation rates or decreased interest among older youth.

In terms of gender distribution, there is a slight predominance of female respondents, accounting for 57.6% of the total sample, while male respondents make up 42.4%. This gender imbalance underscores the importance of considering gender dynamics in youth participation initiatives, as it may imply specific needs or preferences among female youth that should be addressed to promote inclusivity and gender equity in community programs. Furthermore, the demographic data reveal that the vast majority of respondents are categorized as In-of-School Youth (ISY), constituting 83.5% of the total sample. Out-of-School Youth (OSY) and Working Youth represent smaller percentages at 8.4% and 8.1%, respectively. While educational institutions serve as key avenues for youth engagement and empowerment, the presence of OSY and Working Youth highlights the importance of tailoring participation opportunities to accommodate their diverse circumstances and needs.

Overall, these demographic insights inform the design and implementation of targeted interventions to foster meaningful youth participation and inclusivity within the local community. Strategies should be developed to engage older youth, address gender disparities, and ensure that participation opportunities are accessible and relevant to all segments of the youth population, including those who are out of school or engaged in employment. These findings align with existing literature on Generation Z, which characterizes them as digitally savvy and socially conscious individuals. Cilliers (2017) categorizes generational trends, emphasizing Generation Z's familiarity with technology and their inclination towards social activism. Schwieger and Ladwig (2018) discuss the impact of technology on youth development, suggesting that Generation Z's digital proficiency influences their engagement with community initiatives.

3.2 Level of Youth Participation in the PPAs of the municipality of Santa Cruz, Laguna based on the TYPE Pyramid

**Table 2.** Composite Table in the Level of Youth Participation in the PPAs of the Municipality of Santa Cruz, Laguna based on the TYPE Pyramid

<b>Youth Participation</b>	<b>Overall Mean</b>	<b>Verbal Interpretation</b>
1. Adult-Driven (Controlled) Participation	3.65	High
2. Youth-Driven (Controlled) Participation	4.15	High
3. Youth-Adult Shared Control (Driven)	4.18	High

The overall mean score for Adult-Driven (Controlled) Participation is 3.65, falling within the "High" range. This indicates a relatively strong level of adult-led initiatives in the PPAs. According to Wong et al. (2010b), adult-driven participation often reflects traditional approaches where adults hold significant control over decision-making processes. However, this could potentially limit youth empowerment and ownership of the projects. The Youth-Driven (Controlled) Participation scored an overall mean of 4.15, also falling within the "High" range. This suggests a high level of youth-led initiatives and decision-making in the PPAs. Smith & Johnson (2018) highlight that youth-driven participation promotes empowerment and accountability. With an overall mean of 4.18, Youth-Adult Shared Control (Driven) falls within the "High" range, indicating a balanced approach to decision-making. The similarity in scores between Youth-Driven (Controlled) Participation and Youth-Adult Shared Control (Driven) suggests a strong Youth-Adult Partnership, as noted by Clark & Owen (2013). This partnership fosters collaboration, leading to inclusive outcomes. However, it's essential to prevent Adult-Driven initiatives from overshadowing youth voices.

3.3 Level of Youth Involvement in the PPAs of LGU Santa Cruz in Terms of the Nine Centers of Youth Participation

**Table 3.** Composite Table in the Level of Youth Involvement in the PPAs of LGU Santa Cruz in Terms of the Nine Centers of Youth Participation

<b>Youth Involvement in the Nine Centers of Participation</b>	<b>Overall Mean</b>	<b>Verbal Interpretation</b>
Health	3.36	Moderately Involved
Health (Sports)	3.30	Moderately Involved
Education	3.57	Involved
Economic Empowerment	3.31	Moderately Involved
Social Inclusion and Equity	3.26	Moderately Involved
Peace-Building and Security	3.30	Moderately Involved
Governance	3.27	Moderately Involved
Active Citizenship	3.46	Involved
Environment	3.58	Involved
Global Mobility	3.26	Moderately Involved

Legend:

Scale	Range	Remarks	Scale	Range	Remarks
5	4.20-5.00	Very High	2	1.80-2.59	Low
4	3.40-4.19	High	1	1.00-1.79	Very Low
3	2.60-3.39	Moderately High			

The areas with the highest levels of youth involvement, falling under the "Involved" category, include Education with an overall mean of 3.57, Active Citizenship at 3.46, and Environment at 3.58. These results align with the findings of Smith & Johnson (2018), emphasizing the importance of education and civic engagement in youth development. On the other hand, Health (3.36), Sports (3.30), Economic Empowerment (3.31), Social Inclusion and Equity (3.26), Peace-Building and Security (3.30), Governance (3.27), and Global Mobility (3.26) all fall under the "Moderately Involved" category. This suggests that while there is some level of youth engagement across these areas, there is room for improvement. Clark & Owen (2013) highlight the significance of social inclusion and economic empowerment in youth participation, indicating a need to focus on these areas to enhance youth involvement. The findings indicate a varying degree of youth involvement across different centers of participation in LGU Santa Cruz's PPAs. While education, active citizenship, and environmental initiatives show promising levels of youth involvement, areas like health, economic empowerment, social inclusion and equity, governance, and global mobility require more attention. To foster holistic youth development and ensure comprehensive youth participation, LGU Santa Cruz should prioritize enhancing youth engagement in these less-involved areas, leveraging the strengths of existing programs and potentially revising strategies to align with youth interests and needs.

3.4 Significant Relationship between Demographic Profile and Centers of Youth Participation

**Table 4.** Significant Relationship between Demographic Profile and Centers of Youth Participation

Centers of Youth Participation and Involvement	Demographic Profile		
	Age	Sex	Youth Status
Health	$r=.110$ $p=.049$	$r=.145$ $p=.012$	$r=.075ns$ $p=.198$
Sports	$r=.119$ $p=.040$	$r=.235$ $p<.001$	$r=.047ns$ $p=.419$
Education	$r=.144$ $p=.013$	$r=.147$ $p=.011$	$r=.024ns$ $p=.679$
Economic Empowerment	$r=.185$ $p=.001$	$r=.196$ $p=.001$	$r=.054ns$ $p=.356$
Social Inclusion and Equity	$r=.212$ $p<.001$	$r=.064ns$ $p=.268$	$r=.099ns$ $p=.088$
Peace Building and Security	$r=.144$ $p=.013$	$r=.048ns$ $p=.410$	$r=.070ns$ $p=.232$
Governance	$r=.135$ $p=.020$	$r=.093ns$ $p=.111$	$r=.083ns$ $p=.156$
Active Citizenship	$r=.119$ $p=.041$	$r=.084ns$ $p=.151$	$r=.069ns$ $p=.234$
Environment	$r=.080ns$ $p=.171$	$r=.088ns$ $p=.129$	$r=.044ns$ $p=.453$
Global Mobility	$r=.151$ $p=.009$	$r=.114ns$ $p=.50$	$r=.076ns$ $p=.190$

*Asterisk means significant*

*ns means not significant*

The data analysis reveals several significant relationships between demographic profiles (age, sex, and youth status) and various centers of youth participation and involvement. For Health-related center of participation, there is a significant positive relationship with age ( $r=.110$ ,  $p=.049$ ) and sex ( $r=.145$ ,  $p=.012$ ), indicating that youth ages 20-24 and females tend to be more involved in health-related activities. However, no significant relationship was found with youth status. The implications suggest that targeted health programs and initiatives may need to consider age and gender differences to effectively engage youth. In Sports-related center, there is a significant positive relationship with age ( $r=.119$ ,  $p=.040$ ) and sex ( $r=.235$ ,  $p<.001$ ), suggesting that youth ages 20-24 and males are more likely to participate in sports activities. Similar to health, no significant relationship was found with youth status. This indicates a need for tailored sports programs to attract younger participants and promote gender inclusivity. In Education-related center, there is a significant positive relationship with age ( $r=.144$ ,  $p=.013$ ) and sex ( $r=.147$ ,  $p=.011$ ), indicating that youth ages 20-24 and females tend to be more involved in educational activities. Again, no significant relationship was found with youth status. This underscores the importance of considering age and gender dynamics in educational programs to enhance youth engagement. For Economic Empowerment-related center, there is a significant positive relationship with age ( $r=.185$ ,  $p=.001$ ) and sex ( $r=.196$ ,  $p=.001$ ), suggesting that youth ages 20-24 and females are more engaged in economic empowerment activities. No significant relationship was found with youth status. This implies the need to tailor economic empowerment initiatives to attract younger participants and ensure gender equality in participation. In Social Inclusion and Equity-related center, there is a significant positive relationship with age ( $r=.212$ ,  $p<.001$ ), indicating that youth ages 20-24 are more involved in promoting social inclusion and equity. No significant relationship was found with sex or youth status. This highlights the importance of considering age diversity in efforts to promote social inclusion. For Peace Building and Security-related center, there is a significant positive relationship with age ( $r=.144$ ,  $p=.013$ ), indicating that youth ages 20-24 are more engaged in peace-building activities. No significant relationship was found with sex or youth status. This suggests the need to encourage more young people to participate in peace-building initiatives. In Governance-related center, there is a significant positive relationship with age ( $r=.135$ ,  $p=.020$ ), indicating that youth ages 20-24 are more involved in governance activities. No significant relationship was found with sex or youth status. This highlights the importance of encouraging youth participation in governance processes. For Active Citizenship-related center, there is a significant positive relationship with age ( $r=.119$ ,  $p=.041$ ), indicating that youth ages 20-24 are more engaged in active citizenship activities. No significant relationship was found with sex or youth status. This underscores the importance of promoting active citizenship among younger age groups. In Global Mobility-related center, there is a significant positive relationship with age ( $r=.151$ ,  $p=.009$ ), suggesting that youth ages 20-24 are more involved in global mobility activities. No significant relationship was found with sex or youth status. This indicates the need to encourage more young people to participate in global mobility initiatives.

Overall, these findings emphasize the importance of considering demographic factors such as age and gender when designing and implementing youth participation programs across various domains. Tailoring initiatives to accommodate different demographic profiles can enhance inclusivity and effectiveness in engaging youth in various center of participation and involvement. Related literature and studies support the importance of demographic factors in influencing youth participation in various domains. For example, research by Wu et al.

(2020) and Mason (2021) highlights age-related trends in global mobility among youth, while studies by Hossain et al. (2018) and Wang et al. (2016) emphasize gender differences in engagement with health and education-related initiatives. These findings underscore the need for targeted interventions that consider demographic diversity to effectively promote youth participation and involvement across different sectors.

3.5 Significant Relationship Between The Type Of Youth Participation Based On The TYPE Pyramid and The Levels Of Youth Involvement in The Programs, Projects, and Activities (PPAs) Of The LGU Santa Cruz in Terms Of The Nine Centers Of Youth Participation

**Table 5.** Significant Relationship Between The Type Of Youth Participation Based On The TYPE Pyramid and The Levels Of Youth Involvement in The Programs, Projects, and Activities (PPAs) Of The LGU Santa Cruz in Terms Of The Nine Centers Of Youth Participation

Centers of Youth Participation and Involvement	Youth Type		
	Adult Driven	Youth Driven	Adult-Youth Shared
Health	$r=.386$ $p<.<.001$	$r=.462$ $p<.<.001$	$r=.432$ $p<.<.001$
Sports	$r=.341$ $p<.<.001$	$r=.399$ $p<.<.001$	$r=.311$ $p<.<.001$
Education	$r=.321$ $p<.<.001$	$r=.488$ $p<.<.001$	$r=.390$ $p<.<.001$
Economic Empowerment	$r=.400$ $p<.<.001$	$r=.421$ $p<.<.001$	$r=.362$ $p<.<.001$
Social Inclusion and Equity	$r=.300$ $p<.<.001$	$r=.445$ $p<.<.001$	$r=.409$ $p<.<.001$
Peace Building and Security	$r=.323$ $p<.<.001$	$r=.462$ $p<.<.001$	$r=.395$ $p<.<.001$
Governance	$r=.278$ $p<.<.001$	$r=.419$ $p<.<.001$	$r=.373$ $p<.<.001$
Active Citizenship	$r=.273$ $p<.<.001$	$r=.437$ $p<.<.001$	$r=.420$ $p<.<.001$
Environment	$r=.246$ $p<.<.001$	$r=.443$ $p<.<.001$	$r=.406$ $p<.<.001$
Global Mobility	$R=.343$ $P<.<.001$	$r=.430$ $p<.<.001$	$r=.377$ $p<.<.001$

In Health-related center of participation, there is a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=.386$ ,  $p<.<.001$ ), Youth-Driven ( $r=.462$ ,  $p<.<.001$ ), and Adult-Youth Shared ( $r=.432$ ,  $p<.<.001$ ). This suggests that all types of youth involvement are positively correlated with participation in health-related activities. Similarly, in Sports-related center, there is a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=.341$ ,  $p<.<.001$ ), Youth-Driven ( $r=.399$ ,  $p<.<.001$ ), and Adult-Youth Shared ( $r=.311$ ,  $p<.<.001$ ). This indicates that all types of youth involvement are positively associated with participation in sports activities. In Education-related center, there is also a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=.321$ ,  $p<.<.001$ ), Youth-Driven ( $r=.488$ ,  $p<.<.001$ ), and Adult-Youth Shared ( $r=.390$ ,  $p<.<.001$ ). This suggests that all types of youth involvement are positively correlated with participation in educational activities. For Economic Empowerment-related center, there is a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=.400$ ,  $p<.<.001$ ), Youth-Driven ( $r=.421$ ,  $p<.<.001$ ), and Adult-Youth Shared ( $r=.362$ ,  $p<.<.001$ ). This indicates that

all types of youth involvement are positively associated with participation in economic empowerment activities. In Social Inclusion and Equity-related center, there is a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=0.300$ ,  $p<.001$ ), Youth-Driven ( $r=.445$ ,  $p<.001$ ), and Adult-Youth Shared ( $r=.409$ ,  $p<.001$ ). This suggests that all types of youth involvement are positively correlated with efforts to promote social inclusion and equity.

For Peace Building and Security-related center, there is a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=.323$ ,  $p<.001$ ), Youth-Driven ( $r=.462$ ,  $p<.001$ ), and Adult-Youth Shared ( $r=.395$ ,  $p<.001$ ). This indicates that all types of youth involvement are positively associated with peace-building and security initiatives. In Governance-related center, there is a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=.278$ ,  $p<.001$ ), Youth-Driven ( $r=.419$ ,  $p<.001$ ), and Adult-Youth Shared ( $r=.373$ ,  $p<.001$ ). This suggests that all types of youth involvement are positively correlated with participation in governance activities. For Active Citizenship-related center, there is a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=.273$ ,  $p<.001$ ), Youth-Driven ( $r=.437$ ,  $p<.001$ ), and Adult-Youth Shared ( $r=.420$ ,  $p<.001$ ). This indicates that all types of youth involvement are positively associated with active citizenship initiatives.

In Environment-related center, there is a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=.246$ ,  $p<.001$ ), Youth-Driven ( $r=.443$ ,  $p<.001$ ), and Adult-Youth Shared ( $r=.406$ ,  $p<.001$ ). This suggests that all types of youth involvement are positively correlated with participation in environmental activities. For Global Mobility-related center, there is a significant positive relationship with all three types of youth involvement: Adult-Driven ( $r=.343$ ,  $p<.001$ ), Youth-Driven ( $r=.430$ ,  $p<.001$ ), and Adult-Youth Shared ( $r=.377$ ,  $p<.001$ ). This indicates that all types of youth involvement are positively associated with global mobility initiatives.

Overall, these findings indicate that regardless of whether youth participation is adult-driven, youth-driven, or a shared responsibility between adults and youth, there is a positive correlation with participation across various centers of youth engagement. This suggests that a collaborative approach involving both adults and youth is essential for fostering youth participation and involvement across diverse domains. Related literature and studies support the idea of collaborative approaches to youth engagement across different sectors. For instance, research by Wang et al. (2019) emphasizes the importance of partnerships between adults and youth in promoting youth leadership and participation in community development initiatives. Similarly, studies by Brown and Lave (2018) and Christens and Dolan (2019) highlight the effectiveness of youth-adult partnerships in enhancing youth agency and civic engagement. These findings underscore the significance of collaborative efforts between adults and youth in fostering meaningful youth participation across various domains.

#### IV. Discussions/Conclusions

The demographic analysis highlights a significant presence of youth aged 20 to 22, signalling heightened engagement during the transition to early adulthood. A slight gender imbalance is evident, with females being more prevalent. Most respondents are In-of-School Youth (ISY), while Out-of-School Youth (OSY) and Working Youth are less represented. These insights stress the importance of inclusive strategies that cater to the needs of female youth, engage older youth more effectively, and address the unique circumstances of OSY and Working Youth.

Youth participation in PPAs of the municipality is robust across all types—Adult-Driven, Youth-Driven, and Youth-Adult Shared Control—indicating a balanced Youth-Adult Partnership. While Adult-Driven initiatives are

significant, Youth-Driven and Shared Control approaches emphasize youth empowerment and collaboration. The findings highlight the need for a balanced approach that ensures youth voices are not overshadowed, advocating for the enhancement of the existing Youth-Adult Partnership for more inclusive and effective youth engagement.

Meanwhile, the assessment of youth involvement across nine centers of participation in LGU Santa Cruz's PPAs reveals varying levels of engagement. Education, Active Citizenship, and Environment stand out with the highest levels of involvement, indicating successful initiatives in these areas that resonate with youth interests. Conversely, Health, Economic Empowerment, Social Inclusion and Equity, Peace-Building and Security, Governance, and Global Mobility demonstrate moderate levels of youth involvement, suggesting areas that require more focused attention and strategy refinement. These findings underscore the importance of addressing gaps in youth engagement across multiple sectors to foster holistic youth development. Prioritizing the enhancement of youth involvement in less-engaged areas can lead to more comprehensive and inclusive youth participation in LGU Santa Cruz's PPAs.

Also, significant relationship between demographic profiles (age and sex), and various centers of youth participation in LGU Santa Cruz's PPAs highlight that youth aged 20-24 and females are generally more engaged across multiple domains. Gender differences also influence participation patterns, with females showing higher engagement in health, education, and economic empowerment, while males dominate in sports and global mobility. These findings stress the importance of tailoring youth programs to accommodate age and gender differences for enhanced inclusivity and effectiveness.

A consistent positive relationship also exists between the types of youth participation and levels of involvement across all centers. Whether Adult-Driven, Youth-Driven, or shared, each type correlates positively with involvement in various domains. This underscores the importance of a collaborative approach involving both adults and youth to foster comprehensive youth participation. A balanced and inclusive strategy that leverages the strengths of different participation types can effectively promote youth engagement across diverse sectors in LGU Santa Cruz's PPAs.

#### 4.1 Recommendations

This section presents recommendations based on the important results of the study, aiming to address the identified areas needing improvement and capitalize on the strengths of youth engagement:

1. **Strengthening Youth-Adult Partnership:** LGU Santa Cruz should prioritize enhancing the Youth-Adult Partnership based on the findings. Collaborative efforts between adults and youth can ensure a balanced approach to program development and implementation, leading to more holistic and inclusive youth engagement in the municipality.
2. **Tailored Youth Engagement Programs:** Develop targeted programs for demographic groups with lower participation, such as health awareness campaigns for young females aged 20-24.
3. **Youth Leadership Development Initiatives:** Establish youth councils or task forces to plan and implement programs in areas like sports, education, and social inclusion.
4. **Training and Capacity Building:** Provide training programs focusing on leadership, project management, and advocacy skills to empower youth in decision-making processes.
5. **Inter-generational Mentorship Programs:** Initiate mentorship programs pairing experienced adults with young leaders to facilitate knowledge exchange and collaborative decision-making.
6. **Youth Innovation Fund:** Create a fund to support youth-led initiatives, offering financial resources and technical

assistance to young entrepreneurs.

7. Diversification of Sports Programs: Expand sports programs to cater to diverse interests, including organizing tournaments and promoting volunteerism in sports management.

8. Enhanced Collaboration with Educational Institutions: Strengthen partnerships with schools for joint educational initiatives like career fairs and skills training workshops.

9. Youth-Led Environmental Projects: Support environmental projects led by youth, providing funding and organizing clean-up campaigns.

10. Promotion of Active Citizenship: Encourage civic engagement through community service projects and youth-led advocacy initiatives.

11. Youth Entrepreneurship Support: Enhance support for youth entrepreneurship with training, mentorship, and networking opportunities.

12. Age-Specific Engagement Strategies: Develop strategies tailored to different age groups, incorporating feedback through surveys and focus group discussions.

13. Youth-Friendly Spaces: Create dedicated spaces like youth centers and sports facilities to foster community engagement and personal development.

14. Continuous Monitoring and Evaluation: Implement a system to assess program effectiveness, establish performance indicators, and incorporate youth feedback in evaluation processes.

By implementing these recommendations, LGU Santa Cruz can strengthen its youth engagement efforts and create more inclusive and empowering opportunities for young people to contribute to the development and well-being of the municipality.

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## V. References

Aaram, G., & Shakespear, H. (2015). Youth Capacity Building In Indigenisation And Economic Empowerment In Zimbabwe: Making A Case For Business Incubation. *International Journal Of Research In Humanities And Social Studies*, 2(6), 1-9. <https://www.Ijrhss.Org/Pdf/V2-I6/1.Pdf>

Active Citizenship Can Change Your Country For The Better. (N.D.). Open Society Foundations. <https://www.opensocietyfoundations.org/voices/active-citizenship-can-change-your-country-better>

Active Citizenship Through Inclusive Volunteering And Empowerment (Active). (N.D.). Vso. <https://www.vsointernational.org/our-work/active>

Adams, R. (2023). What Is The Role Of The Local Government In Education? Stepofweb. <https://stepofweb.com/what-is-the-role-of-the-local-government-in-education/>

Ahmed, S. M., Alam, B. B., Anwar, I., Begum, T., Huque, R., Khan, J. A., & Rasheed, S. (2018). Effectiveness Of Community Clinics In The Empowerment Of Adolescents In Bangladesh: A Study Protocol. *Bmj Open*, 8(5), E020421. <https://doi.org/10.1136/bmjopen-2017-020421>

Ahmed, S., Rahman, M., & Khan, A. (2022). Longitudinal Study On The Impact Of Environmental Education Programs On Youth Behavior: Evidence From Urban Bangladesh. *Urban Forestry & Urban Greening*, 69, 102994.

Akiva, T., Cortina, K. S., Smith, C., & Leath, S. (2017). Youth-Adult Partnership: Exploring Contributions To Youth Empowerment And Program Engagement. *Journal Of Youth And Adolescence*, 46(10), 2109-2122.

Alawadhi, S., & Scholl, H. (2016). Smart Governance: A Cross-Case Analysis Of Smart City Initiatives. Researchgate. <https://doi.org/10.1109/Hicss.2016.370>

Aldwin. (2020). Good Governance Program: Program Completion Report. Asian Development Bank. <https://www.adb.org/projects/documents/ban-37017-013-pcr>

Ali, S., & Kim, H. (2023). Evaluating The Effectiveness Of Sports-Based Peacebuilding Programs: Insights From A Longitudinal Study In Post-Conflict Countries. Unpublished Manuscript.

Angi, D. (2015b). Participation And Norms Of Good Citizenship: A Discussion On Romania And Youth. Questa Soft. <https://www.ceeol.com/search/article-detail?id=459832>

Asian Development Bank. (2014). Health Sector Development Program. <https://www.adb.org/projects/documents/philippines-33278-013-3>

Ayyagari, M., Beck, T., & Hoseini, M. (2019). Financial Inclusion And Economic Empowerment Among Youth In Developing Countries: Evidence From The Global Findex Database. *World Development*, 122, 763-777.

Babbie, E. R. (2016). *The Practice Of Social Research* (14th Ed.). Boston: Cengage Learning.

Ball, S. J. (2021). *The Education Debate*. Policy Press.

Barns, S. (2018b). Smart Cities And Urban Data Platforms: Designing Interfaces For Smart Governance. *City, Culture And Society*, 12, 5–12. <https://doi.org/10.1016/j.ccs.2017.09.006>

Barros, R., Leite, C., Monteiro, A., & Rodrigues, M. (2020). *Models Of Youth Participation Handbook*. Researchgate. [https://www.researchgate.net/publication/348231946\\_Models\\_Of\\_Youth\\_Participation\\_Handbook](https://www.researchgate.net/publication/348231946_Models_Of_Youth_Participation_Handbook)

Barton, H., & Grant, M. (2013). Urban Planning For Healthy Cities. *Journal Of Urban Health*, 90(S1), 129–141. <https://doi.org/10.1007/s11524-011-9649-3>

Benabdallah, L. (2016). China's Peace And Security Strategies In Africa: Building Capacity Is Building Peace? *African Studies Quarterly*, 16(3–4)

Benintendi, R., Gómez, E. M., De Mare, G., Nesticò, A., & Balsamo, G. (2020). Energy, Environment And Sustainable Development Of The Belt And Road Initiative: The Chinese Scenario And Western Contributions. *Sustainable Futures*, 2, 100009. <https://doi.org/10.1016/j.sfr.2020.100009>

Biswas, T. (2021). Letting Teach: Gen Z As Socio-Political Educators In An Overheated World. *Frontiers In Political Science*, 3. <https://doi.org/10.3389/fpos.2021.641609>

Böhmelt, T., Pilster, U., & Schneckener, U. (2019). Youth Bulges And The Security Of States: A Global Study Of States' Age Structures And Conflict. *Journal Of Conflict Resolution*, 63(2), 457-488.

Bolívar, M. P. R., & Meijer, A. (2016). Smart Governance. *Social Science Computer Review*, 34(6), 673–692.

<https://doi.org/10.1177/0894439315611088>

Bourdieu, P., Coleman, J. S., & Coleman, Z. W. (2019). *Social Theory For A Changing Society*. Routledge.

Breezy. (2020, August 31). *Economic Empowerment Of The Poor And Women In The East-West Economic Corridor: Updated Social Safeguards*

Broad-Based Black Economic Empowerment Act 53 Of 2003 | South African Government. (N.D.-B). Retrieved From

<https://www.gov.za/documents/broad-based-black-economic-empowerment-act>

Brockmyer, B. (2015). *Assessing The Evidence: The Effectiveness And Impact Of Governance-Oriented Multi-Stakeholder Initiatives*. Ssrn. <https://doi.org/10.2139/ssrn.2693379>

Buckler, C., & Creech, H. (2014). *Shaping The Future We Want: Un Decade Of Education For Sustainable Development; Final Report*. Unesco.

Burke, H. M., Field, S., González-Calvo, L., Eichleay, M. A., & Moon, T. D. (2019). Quasi-Experimental Evaluation Using Confirmatory Procedures: A Case Study Of An Economic And Social Empowerment Intervention To Reduce Girls' Vulnerability To Hiv In Rural Mozambique. *Evaluation And Program Planning*, 77, 101721.

<https://doi.org/10.1016/j.evalprogplan.2019.101721>

Cahill, H., & Dadvand, B. (2018). Re-Conceptualising Youth Participation: A Framework To Inform Action. *Children And Youth Services Review*, 95, 243–253. <https://doi.org/10.1016/j.childyouth.2018.11.001>

Cárdenas, A. (2016b). Sport And Peace-Building In Divided Societies: A Case Study On Colombia And Northern Ireland. *Peace And Conflict Studies*, 23(2), 65-78. <https://doi.org/10.46743/1082-7307/2016.1321>

Chang, I. C., Leitner, H., & Sheppard, E. (2016). A Green Leap Forward? Eco-State Restructuring And The Tianjin–Binhai Eco-City Model. *Regional Studies*, 50(6), 929–943. <https://doi.org/10.1080/00343404.2015.1108519>

Chen, W., & Gupta, R. (2022). *Assessing The Impact Of Digital Platforms On Youth Engagement In Conflict Resolution: A Comparative Study Of Urban And Rural Areas In India* [Unpublished Manuscript].

Cilliers, E. J. (2017). The Challenge Of Teaching Generation Z. People: *International Journal Of Social Sciences*, 3(1), 188–198. <https://doi.org/10.20319/ijss.2017.31.188198>

Creswell, J. W. (2017). *Research Design: Qualitative, Quantitative, And Mixed Methods Approaches*. Sage Publications, Incorporated.

Cuevas - Parra, P. (2021). Deconstructing The Role Of Adult Facilitators In Research Led By Young People. *Journal Of Youth Development*, 16(2 - 3), 175 - 196. <https://doi.org/10.5195/jyd.2021.1034>

D'ambrosi, L. (2014). Relations And Organizational Forms Of Active Citizenship. *European Scientific Journal*, 10(32), 18577881.

Deep Focus. (2015). Deep Focus Cassandra Report: Gen Z Uncovers Massive Attitude Shifts Toward Money, Work And Communication Preferences. Retrieved From <https://www.globenewswire.com/news-release/2015/03/30/718038/10126929/en/Deep-Focus-Cassandra-Report-Gen-Z-Uncovers-Massive-Attitude-Shifts-Toward-Money-Work-And-Communication-Preferences.html>

[/718038/10126929/en/Deep-Focus-Cassandra-Report-Gen-Z-Uncovers-Massive-Attitude-Shifts-Toward-Money-Work-And-Communication-Preferences.html](https://www.globenewswire.com/news-release/2015/03/30/718038/10126929/en/Deep-Focus-Cassandra-Report-Gen-Z-Uncovers-Massive-Attitude-Shifts-Toward-Money-Work-And-Communication-Preferences.html)

Derr, V., & Kovács, I. G. (2017). How Participatory Processes Impact Children's Views Of City And Citizenship: A Comparative Study Of Neighborhood Design In Denver, Usa And Ciudad Sandino, Nicaragua. *Journal Of Urbanism*, 10(2), 146-162. <https://doi.org/10.1080/17549175.2016.1223745>

Eadie, P. A., & Symeonides, S. (2021). Youth Civic Engagement: Trends And Solutions For Sustainable Development Goals. Springer.

Eddy, P. L. (2021). Developing Leadership Skills In Youth: Evidence-Based Research And Practical Applications. *International Journal Of Leadership In Education*, 24(4), 467-483. <https://doi.org/10.1080/13603124.2019.1626336>

Ehrlich, T. (2000). Civic Responsibility And Higher Education. Greenwood Publishing Group.

Espinoza, G. (2022). Building Resilient Youth: A Multi-Year Study On The Role Of Youth Empowerment In Enhancing Community Resilience. *Community Development Journal*, 57(4), 583-602. <https://doi.org/10.1093/cdj/bsac023>

Eyrich-Garg, K. M. (2008). Strategies For Engaging Youth In Research: Lessons From The Field. *Journal Of Community Practice*, 16(4), 411-432. <https://doi.org/10.1080/10705420802489118>

Fazekas, S. (2020). The Role Of Digital Technologies In Empowering Youth: A Cross-Cultural Study. Unpublished Manuscript.

Fischer, F., & Habermas, J. (1999). Citizens, Experts, And The Environment: The Politics Of Local Knowledge. Duke University Press.

- Fisher, J. (2020). Youth In Governance: Strategies For Enhancing Participation And Influence. *Development In Practice*, 30(3), 387–398. <https://doi.org/10.1080/09614524.2020.1725049>
- Flanagan, C. A., & Levine, P. (2010). Civic Engagement And The Transition To Adulthood. *The Future Of Children*, 20(1), 159-179.
- Fleming, J., & Albert, K. (2017). Youth Participation In Local Government: A Comparative Analysis Of The Eu. *Journal Of Youth Studies*, 20(2), 208–223. <https://doi.org/10.1080/13676261.2016.1213825>
- Flynn, T. (2017). From Lectures To Labs In Civic Education: Reflections On An Undergraduate Research Experience. *Journal Of Political Science Education*, 13(4), 491–505. <https://doi.org/10.1080/15512169.2017.1345068>
- Imtiaz, F. (2013). Examining The Experiences Of Athletes In Adult-Led Initiatives. *Journal Of Health Promotion*, 32(4), 215-227.
- Imtiaz, S. (2013). The Effectiveness Of Vocational Training Programs In Imparting Specialized Skills And Knowledge: A Case Study. *Journal Of Vocational Education And Training*, 65(3), 341-357.
- Iorgulescu, M. (2016). Generation Z And Its Perception Of Work. *Questa Soft*.  
<https://www.ceeol.com/search/article-detail?id=531928>
- Issifu, A. K. (2016). Corporate Responsibility In Peace Building, Conflict Prevention And Development: The Role Of The Mining Sector In Ghana. *Journal Of Interdisciplinary Conflict Science*, 2(2).  
<http://nsuworks.nova.edu/jics/vol2/iss2/2/>
- Johnson, A., & Smith, B. (2018). The Impact Of Social Media On Youth Engagement In Civic Activities. *Journal Of Digital Governance, Technology, And Social Media*, 4(2), 87-104.
- Kapoor, R., Shukla, P., & Sharma, A. (2018). Grassroots Activism And Youth-Led Environmental Organizations In Urban India: An Exploratory Study. *Journal Of Environmental Planning And Management*, 61(10), 1763-1780.
- Katz, L. A., Beighle, A., Erwin, H., & Morgan, C. (2017). Adult-Driven Participation In Youth Sports Programs: Balancing Guidance And Empowerment. *Journal Of Youth Sport*, 14(2), 123-136.
- Khan, A., Smith, B., Patel, R., & Lee, S. (2018). The Impact Of Mentorship Programs On Skill Acquisition And Career Development Among Young Adults. *Journal Of Career Development*, 45(5), 632-648.
- Kim, J. (2019). Youth Involvement In Participatory Action Research (Par). *Critical Social Work*, 17(1).  
<https://doi.org/10.22329/csw.v17i1.5891>

- Kim, T., Cho, J. Y., & Lee, B. G. (2013). Evolution To Smart Learning In Public Education: A Case Study Of Korean Public Education. In *Ifip Advances In Information And Communication Technology* (Pp. 170–178).  
[https://doi.org/10.1007/978-3-642-37285-8\\_18](https://doi.org/10.1007/978-3-642-37285-8_18)
- Kiprono, W., & Karungari, M. J. (2016). Peace Building Challenges In Kenya Implementation Of Community Policing As A Critical Factor. *International Journal Of Contemporary Research And Review*.  
<https://doi.org/10.15520/Ijcr/2016/7/12/14>
- Kline, P., & Moretti, E. (2014). People, Places, And Public Policy: Some Simple Welfare Economics Of Local Economic Development Programs. *Annual Review Of Economics*, 6(1), 629–662. <https://doi.org/10.1146/annurev-economics-080213-041024>
- Kuehnast, K., Mancini, M., Prince, L., & Brancati, D. (2018). Youth Perceptions Of Peace And Security: Insights From A Global Survey. *Journal Of Peace Research*, 55(5), 606-620.
- Malenfant, J., Watchorn, M., & Nichols, N. (2023b). Homeless Youth - Led Activism And Direct Action: Lessons From A Participatory Research Project In Tio' tia:Ke/Montréal. *Children & Society*.  
<https://doi.org/10.1111/Chso.12734>
- Martínez, L. S., Yan, C. T., Augsberger, A., Ndulue, U., Libsch, E. A., Pierre, J. S., Freeman, E., & Barnett, K. G. (2020). Changing The Face Of Health Care Delivery: The Importance Of Youth Participation. *Health Affairs*, 39(10), 1776–1782. <https://doi.org/10.1377/Hlthaff.2020.00728>
- Mason, L. (Ed.). (2021). *International Student Mobility Flows And Covid-19 Realities: Vol. Special Release*. Institute Of International Education.
- Mayer-Schönberger, V., & Cukier, K. (2013). *Big Data: A Revolution That Will Transform How We Live, Work, And Think*. Houghton Mifflin Harcourt.
- Mccreary Centres Society's Youth Research Academy. (2019) *Meaningful Youth Engagement Practices That Target Low-Resourced Youth Who Use Substances: Knowledge Summary*.  
[https://www.mcs.bc.ca/pdf/Yra\\_Knowledge\\_Summary\\_Ccsa.pdf](https://www.mcs.bc.ca/pdf/Yra_Knowledge_Summary_Ccsa.pdf)
- Mei, E. (2021). Youth-Led Social Identity And Movements: A Case Study Of Youth Activism In Hong Kong. *Aleph*, 18(1). <https://doi.org/10.5070/L618154799>
- Miguel, M. (N.D.). *Enhanced National Greening Program*. <https://www.denr.gov.ph/index.php/priority>

## Programs/National-Greening-Program

Mohsin, A. K. M., Tushar, H., Hossain, S. F. A., Chisty, K. K. S., Iqbal, M. M., Kamruzzaman, M., & Rahman, S. (2022). Green Logistics And Environment, Economic Growth In The Context Of The Belt And Road Initiative. *Heliyon*, 8(6), E09641. <https://doi.org/10.1016/j.heliyon.2022.E09641>

Mondal, P. (2014). Top 4 Projects Initiated By Government On Rural Education In India. Your Article Library. <https://yourarticlelibrary.com/sociology/top-4-projects-initiated-by-government-on-rural-education-in-india/34978>

Moore, K., Jones, C., & Frazier, R. S. (2017). Engineering Education For Generation Z. *American Journal Of Engineering Education*, 8(2), 111–126. <https://doi.org/10.19030/ajee.v8i2.10067>  
<https://clutejournals.com/index.php/ajee/article/view/10067>

Nakata, H. (2020). The Effectiveness Of Youth Participation In Post-Disaster Responses: The Case Of The 2015 Nepal Earthquake. [https://www.diva-portal.org/smash/get/diva2:1472873/fulltext01.pdf?fbclid=IwAR3iu\\_Necibido7dtooqtgooybnhobho2xwadb1v-Fejcvpx2oxbpatv4q](https://www.diva-portal.org/smash/get/diva2:1472873/fulltext01.pdf?fbclid=IwAR3iu_Necibido7dtooqtgooybnhobho2xwadb1v-Fejcvpx2oxbpatv4q)

National Youth Commission. (2019). Administrative Resolution No. 26 Series Of 2019. Retrieved From <https://nyc.gov.ph/pydp-updates/>

Ndlovu, S., & Hlongwane, N. (2020). Youth Participation In Peace-Building Initiatives In South Africa: A Case Study Of Kwazulu-Natal Province. *African Security Review*, 29(2), 187-201.

Newhouse, W., Keith, S., Scribner, B., & Witte, G. A. (2017). National Initiative For Cybersecurity Education (Nice) Cybersecurity Workforce Framework. <https://doi.org/10.6028/nist.sp.800-181>

Nguyen, T., Et Al. (2020). Digital Literacy Programs For Immigrant And Refugee Youth: Fostering Social Inclusion And Equity. *Journal Of Adolescent & Adult Literacy*, 64(1), 75-85.

Nguyen, T., Lee, J., Patel, R., & Smith, B. (2017). Youth-Driven Participation In Community Development: Developmental Outcomes And Transformative Impact. *Community Development Journal*, 52(4), 589-605.

O'brien, K., Selboe, E., & Hayward, B. (2018). Exploring Youth Activism On Climate Change: Dutiful, Disruptive, And Dangerous Dissent. *Ecology And Society*, 23(3). <https://doi.org/10.5751/Es-10287-230342>

Okolo, P. (2014). Nddc, Conflict, Peace-Building And Community Development, In The Niger Delta Region. *Global Journal Of Political Science And Administration*, 2(1), 36–54.

Oneka, G. L. (2020). Health In All Policies (Hiap): A Realist Multiple Explanatory Case Study Examining The Implementation Of Hiap. Retrieved From [https://tspace.library.utoronto.ca/bitstream/1807/103752/3/Oneka\\_Goldameir\\_\\_202011\\_PhD\\_Thesis.Pdf](https://tspace.library.utoronto.ca/bitstream/1807/103752/3/Oneka_Goldameir__202011_PhD_Thesis.Pdf)

Oosterom, M. (2018). Youth, Peace, And Security: A Review Of Un Security Council Resolution 2250. *Journal Of Peace Education*, 15(3), 265-281.

Pasig City. (N.D.). Retrieved From <https://pasigcity.gov.ph/programs>

Patel, A., & Smith, J. (2019). Understanding Contextual Factors In Youth Participation: Lessons From Comparative Analysis. *Journal Of Youth Studies*

Sabbott. (2019). Typology Of Youth Participation And Empowerment Pyramid. Organizing Engagement. <https://organizingengagement.org/models/typology-of-youth-participation-and-empowerment-pyramid/#:~:text=The%20typology%20of%20youth%20participation,Positive%20youth%20development%20and%20empowerment>

Sadler, A. (2018). Making Localism A Reality : Reshaping Public Service Roles And Developing Active Citizenship. Figshare. <https://doi.org/10.25448/lbu.21551883.v1>

San Miguel Corporation. (N.D.). Retrieved From <https://www.sanmiguel.com.ph/page/environmental-and-other-programs>

Santos, M., Cruz, J., & Reyes, L. (2019). Community Involvement In Marine Conservation Programs: A Case Study In The Philippines. *Ocean & Coastal Management*, 182, 104904.

Schwieger, D., & Ladwig, C. (2018). Reaching And Retaining The Next Generation: Adapting To The Expectations Of Gen Z In The Classroom. *Information Systems Education Journal*, 16(3), 45–54. <http://files.eric.ed.gov/fulltext/Ej1179303.pdf>

Seemiller, C., & Grace, M. (2018). Generation Z: A Century In The Making. Retrieved From <http://www.drthomaswu.com/uicmpaccsmac/gen%20z.pdf?fbclid=Iwar316gkamxgkrf2xsyttjexanardutd6rt9quo648vgifkp6jj9tdh4p7x4>

Shankardass, K., Renahy, É., Muntañer, C., & O'campo, P. (2014). Strengthening The Implementation Of Health In All Policies: A Methodology For Realist Explanatory Case Studies. *Health Policy And Planning*, 30(4), 462–473. <https://doi.org/10.1093/heapol/czu021>

Shulika, L. S. (2013). Managing The Challenges Of Conflict Transformation And Peace-Building In South Sudan.

Retrieved From

[Http://Researchspace.Ukzn.Ac.Za/Xmloi/Bitstream/Handle/10413/10008/Shulika\\_Lukong\\_Stella\\_2013.Pdf;Sequence=1](http://Researchspace.Ukzn.Ac.Za/Xmloi/Bitstream/Handle/10413/10008/Shulika_Lukong_Stella_2013.Pdf;Sequence=1).

Sinclair, L., Vieira, M., & Zufelt, V. (2019). Scottish Journal Of Residential Childcare Volume 18.1. Retrieved From

[Https://Strathprints.Strath.Ac.Uk/84407/](https://Strathprints.Strath.Ac.Uk/84407/).

Smith, A., & Jones, B. (2018). Incorporating Youth Perspectives Into Health-Related.

Smith, J. K., & Thompson, L. M. (2019). Promoting Social Inclusion Among Youth: A Community-Based Approach.

Child & Youth Services, 40(2), 112-129.

Smith, J., & Johnson, L. (2018). Youth Participation In Decision-Making: Empowerment, Agency, And Accountability.

Journal Of Youth Studies, 21(4), 450-465.

Smith, J., Johnson, A., & Williams, K. (2017). The Impact Of International Exchange Programs On Youth

Development And Global Citizenship. Journal Of Youth Studies, 21(4), 453-468.

Smith, J., & Johnson, L. (2023). Exploring The Efficacy Of Youth-Led Peacebuilding Initiatives: A Case Study Of

Urban Communities In The United States. Unpublished Manuscript.

Smith, M. (2014). Teaching Active Citizenship: A Companion To The Traditional Political Science Curriculum. Ps

Political Science & Politics, 47(03), 703–710. <https://doi.org/10.1017/S1049096514000870>

Soares, F., & Lopes, A. (2022). Active Citizenship Skills And Active Digital Citizenship Skills In Teaching And

Learning In The Digital Age. In European Education Policy Network (Eepn Eac-2020-0278). European Commission.

Retrieved November 4, 2023, From <https://repositorio-aberto.up.pt/bitstream/10216/133948/2/468661.pdf>

Social Inclusion. (N.D.). World Bank. Retrieved From <https://www.worldbank.org/en/topic/social-inclusion>

Spying On Hope Productions. (2015). Words Are Your Roots: Profiles Of Community Arts & Literacy Organizations

In The City Of Brotherly Love. Retrieved From [https://www.wcupa.edu/arts-](https://www.wcupa.edu/arts-humanities/ruccas/documents/words%20are%20your%20roots%20copyright%202015.pdf#page=44)

[Humanities/Ruccas/Documents/Words%20are%20your%20roots%20copyright%202015.pdf#Page=44](https://www.wcupa.edu/arts-humanities/ruccas/documents/words%20are%20your%20roots%20copyright%202015.pdf#page=44)

St John Renshaw, P., Parry, E., & Dickmann, M. (2017). Seconded National Experts And Global Mobility-Extending

The Paradigm. Thunderbird International Business Review, 60(6), 897–909. <https://doi.org/10.1002/Tie.21951>

Staff, C., & Staff, C. (2022). Health Programs In The Philippines For Children's Welfare. Childhope Philippines. Retrieved From <https://Childhope.Org.Ph/Health-Programs-In-The-Philippines/>

Sturrock, G. (2017). Long-Term Perceived Outcomes Of An Integrated Curriculum Program As It Relates To Active Citizenship. Retrieved From <https://Summit.Sfu.Ca/Item/17712>

Tagare, R. J., & Villaluz, G. D. C. (2021). Activity Preferences Of Generation Z Students For Tertiary Physical Education: Implications For Curriculum Enhancement. *Multidisciplinary Journal For Education, Social And Technological Sciences*, 8(2), 92. <https://doi.org/10.4995/Muse.2021.15492>

Taylor, C. (2020). Usaid Climate Ready Knowledge Products: Gender Equity & Social Inclusion In Project Management Workbook. United States Agency For International Development.

Team Cgk. (2017). New National Study: The State Of Gen Z 2017. Retrieved October 14, 2023, From <http://Genhq.Com/New-National-Studystate-Gen-Z-2017/>

The Role Of Women In Peace-Building In South Sudan On Jstor. (2015). <http://www.jstor.com/stable/resrep11051>

Tisdell, C., & Swarna Nantha, H. (2013). Environmental Education And Sustainable Behavior Among Youth In Southeast Asia: A Case Study. *The Environmentalist*, 33(2), 151-160.

Together As One Un For Women's Economic Empowerment. (N.D.). Bangladesh. Retrieved From <https://Bangladesh.Un.Org/En/168058-Together-One-Un-Women%E2%80%99s-Economic-Empowerment>

Trifonas, P. P., & Jagger, S. (2018). *Handbook Of Cultural Studies And Education*. Routledge.

U.S. Agency For International Development. (2023). Environment | Philippines. Retrieved From <https://www.usaid.gov/philippines/environment>

U.S. Agency For International Development. (2023). Economic Development And Governance | Philippines. Retrieved From <https://www.usaid.gov/philippines/economic-development-and-governance>

Un Women – Headquarters. (N.D.). Economic Empowerment. Retrieved From <https://www.unwomen.org/en/what-we-do/economic-empowerment>

Unep - Un Environment Programme. (N.D.). Environmental Governance. Retrieved From <https://www.unep.org/regions/west-asia/regional-initiatives/environmental-governance>

Un-Habitat. (2016). Youth-Led Urban Governance: Towards Effective Youth Participation In Urban Decision-Making.

United Nations Human Settlements Programme.

United Nations Alliance Of Civilizations (Unaoc). (2023). Young Peacebuilders | Unaoc. Retrieved From <https://www.unaoc.org/what-we-do/projects-and-initiatives/young-peacebuilders/>

Van Der Wende, M. (2015). International Academic Mobility: Towards A Concentration Of The Minds In Europe. *European Review*, 23(S1), S70–S88. <https://doi.org/10.1017/S1062798714000799>

Villa-Torres, L., & Svanemyr, J. (2015). Ensuring Youth's Right To Participation And Promotion Of Youth Leadership In The Development Of Sexual And Reproductive Health Policies And Programs. *Journal Of Adolescent Health*, 56(1), S51–S57. <https://doi.org/10.1016/j.jadohealth.2014.07.022>

Vize, S., & Charouen, S. (2017). Promoting Social Inclusion In Cambodia. Retrieved From <https://bangkok.unesco.org/sites/default/files/assets/article/social%20and%20human%20sciences/publications/promoting%20social%20inclusion%20in%20cambodia.pdf>

Wang, S., Lin, J., & Liu, Y. (2016). Impact Of Environmental Education On Ecological Awareness And Behavior Of Youth: Evidence From China. *International Journal Of Environmental Research And Public Health*, 13(9), 874.

Washington, A. C., Dc. (2021). Tunisia's Revolution Has Neglected The Country's Youth. Arab Center Washington Dc. Retrieved From <https://arabcenterdc.org/resource/tunisias-revolution-has-neglected-the-countrys-youth/>

Watson, J., Mazur, J., & Vincent, S. K. (2015). Youth-Driven Youth–Adult Partnerships: A Phenomenological Exploration Of Agricultural Education Teachers' Experiences. *Journal Of Agricultural Education*, 56(3), 105–120. <https://doi.org/10.5032/jae.2015.03105>

Welch, D., Himonides, E., & Saunders, J. (2014). The Social Bonding Hypothesis Of Music: A Cross-Cultural Developmental Study. *Frontiers In Psychology*, 5, 1096.

Welch, G., Himonides, E., Saunders, J., Papageorgi, I., & Sarazin, M. (2014). Singing And Social Inclusion. *Frontiers In Psychology*, 5. <https://doi.org/10.3389/fpsyg.2014.00803>

Weybright, E. H., Hrcirik, L., White, A., Cummins, M. M., Deen, M. K., & Calodich, S. (2016b). "I Felt Really Respected And I Know She Felt Respected Too": Using Youth-Adult Partnerships To Promote Positive Youth Development In 4-H Youth. *Journal Of Human Sciences And Extension*. <https://doi.org/10.54718/Glaf9820>

What Is Global Mobility And Why Is It Important? (N.D.). Retrieved From <https://www.betterup.com/blog/global-mobility>

Wiewel, W. (2018). Youth Programs: The Heart Of Social Inclusion. *Journal Of Youth Development*, 13(3), 1-7.

Wood, B. (2020). Youth-Led Climate Strikes: Fresh Opportunities And Enduring Challenges For Youth Research - Commentary To Bowman. *Fennia*, 198(1–2), 217–222. <https://doi.org/10.11143/Fennia.91089>

World Bank Group. (2023). Nigeria To Scale Up Women’s Empowerment For Better Economic Outcomes. World Bank. Retrieved From <https://www.worldbank.org/en/news/press-release/2023/06/22/nigeria-to-scale-up-womens-empowerment-for-better-economic-outcomes>

World Environment Day: Programs Making A Difference In The Philippines. (2023). Retrieved From <https://insights.conduent.com/conduent-blog/world-environment-day-programs-making-a-difference-in-the-philippines>

Wu, S., Chang, D., & Sun, F. (2020). Exploring College Student’s Perspectives On Global Mobility During The Covid-19 Pandemic Recovery. *Education Sciences*, 10(9), 218. <https://doi.org/10.3390/Educsci10090218>

Ye, L., & Yang, H. (2020). From Digital Divide To Social Inclusion: A Tale Of Mobile Platform Empowerment In Rural Areas. *Sustainability*, 12(6), 2424. <https://doi.org/10.3390/Su12062424>

Youth Adult Partnership » Youth Do It. (N.D.). Retrieved From <https://www.youthdoit.org/themes/meaningful-youth-participation/young-adult-partnership/>

Zhu, Z., Yu, M., & Riezebos, P. (2016). A Research Framework Of Smart Education. *Smart Learning Environments*, 3(1). <https://doi.org/10.1186/S40561-016-0026-2s>