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Role of Women in Water Resource Conflict Resolution in Nyando Wetland in Kenya.

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“Water and Sanitation for All: A Secure Future for Africa”



African Water and
Sanitation Association

Association Africaine de
l'Eau et de l'Assainissement

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INTRODUCTION

- Water is both a cause and tool of conflicts.
- Women who are primary water users are disproportionately affected by the impacts of water associated tensions and conflicts.
- Existing androcentric systems and structural inequalities influence their participation in water governance



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OBJECTIVES



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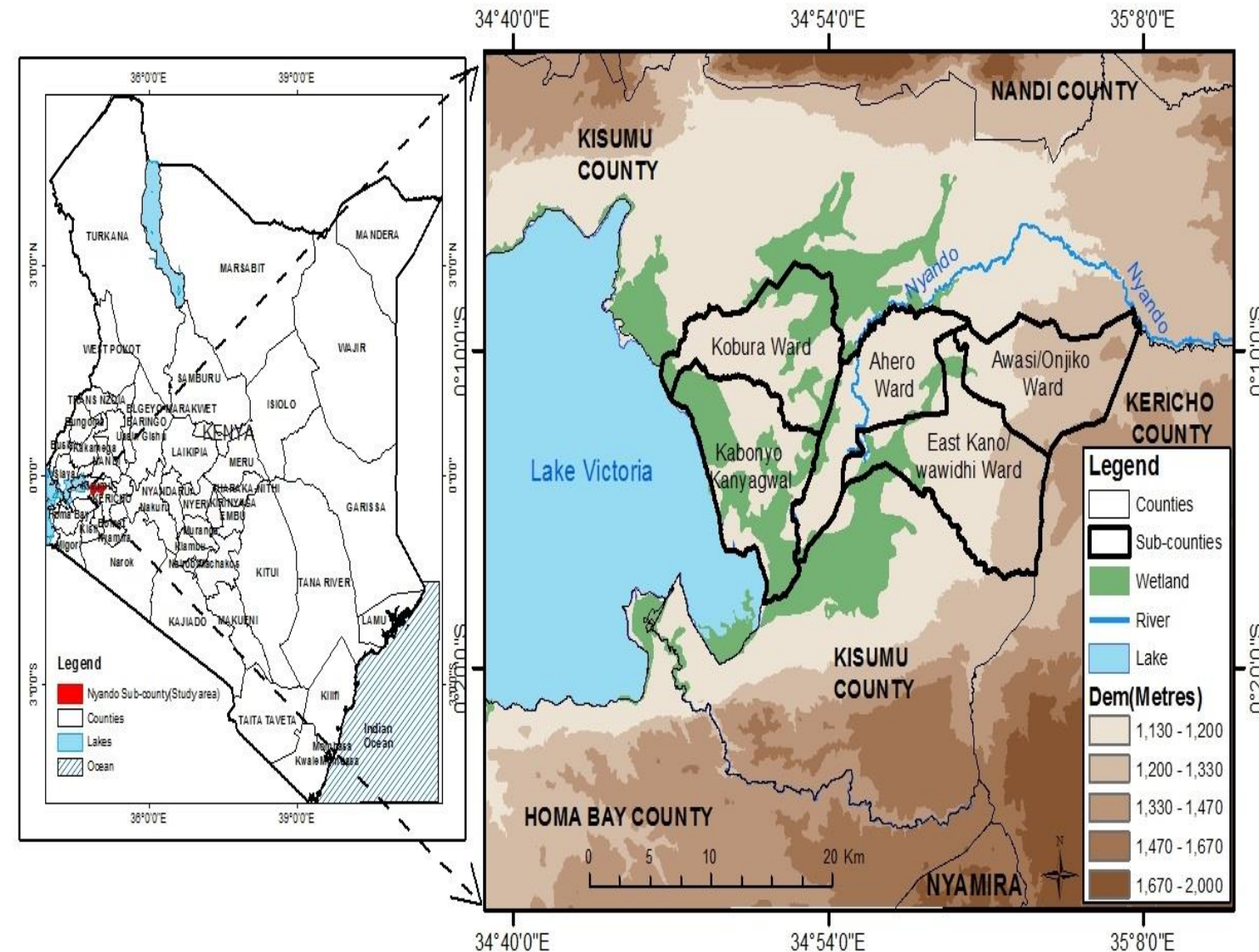
- To determine the impacts of sociocultural factors on women's participation in decision making and conflict resolution processes
- To evaluate the effectiveness of institutional and legal water resources management policies in relation to water resources governance.



RESEARCH METHODOLOGY



- Study area- Nyando Wetland in Kenya
- Framework for Assessment - OECD Water Governance Indicator Framework 2015
- Cross-sectional research design
- Data collection methods – Questionnaires, Interviews



RESULTS AND DISCUSSION

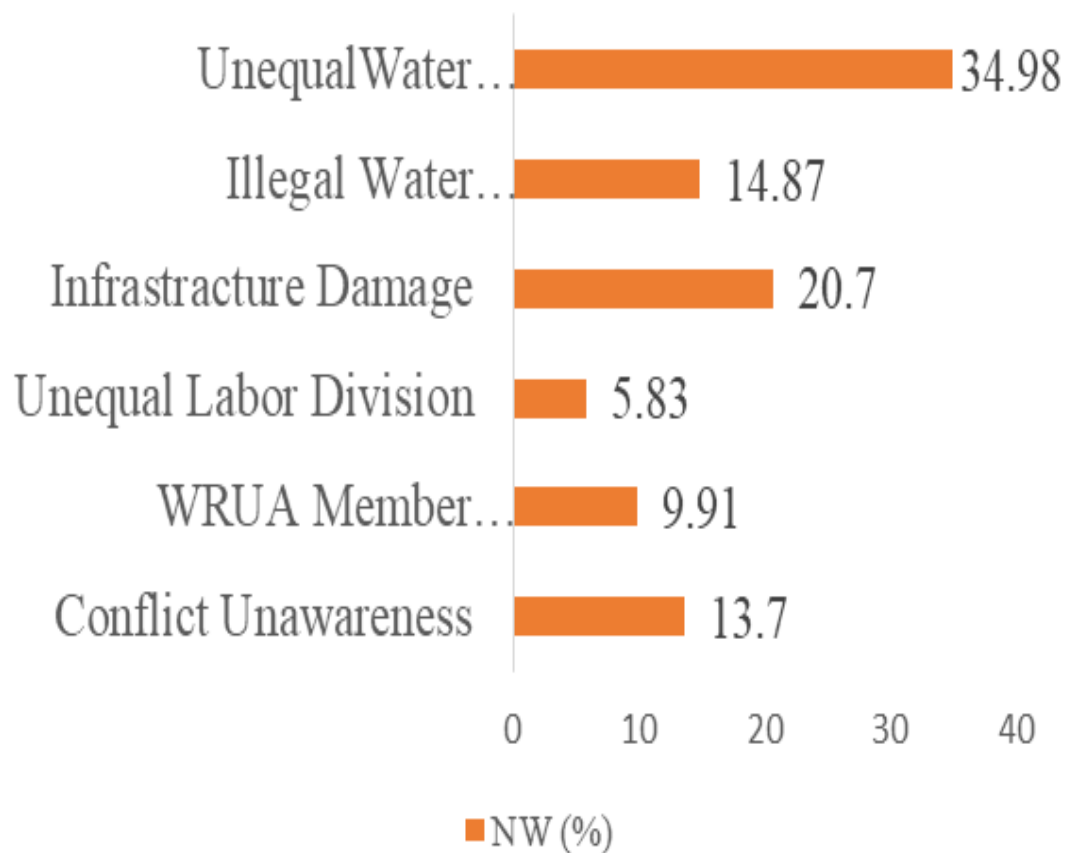


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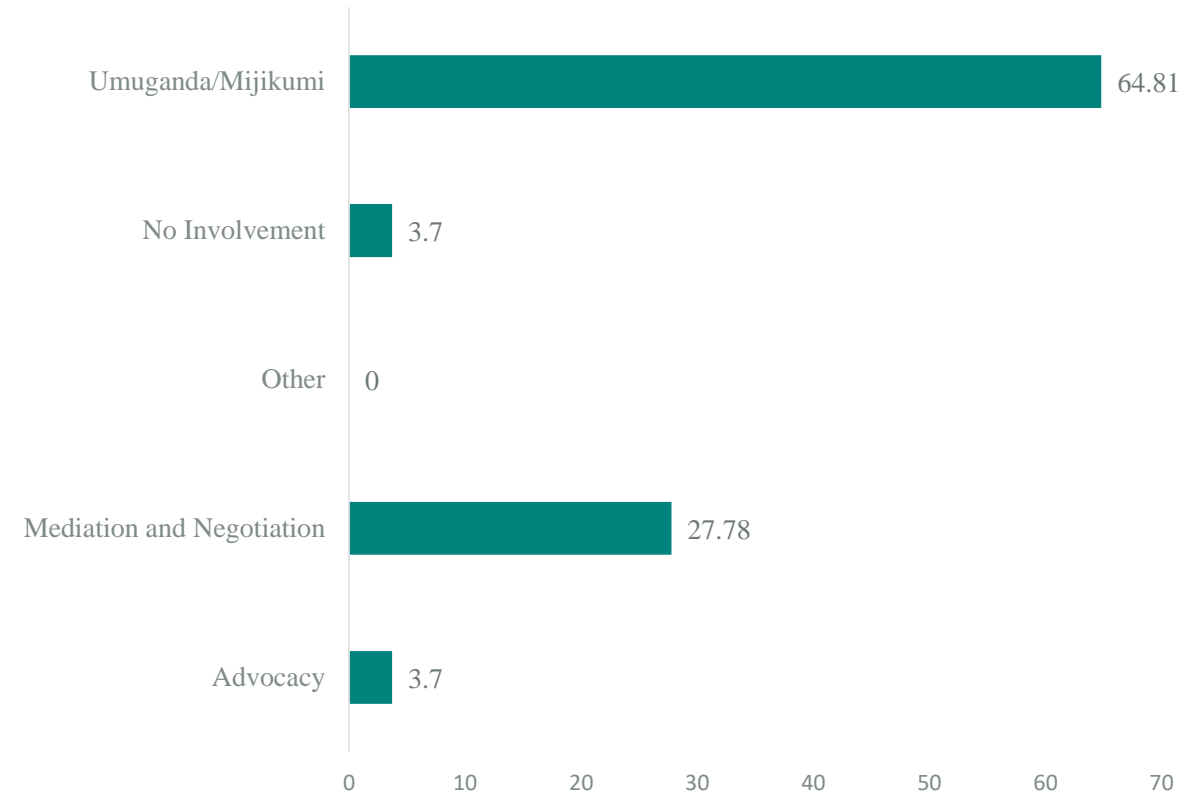
Major water use conflicts

Methods of participation

Water use conflicts (%)



Methods of participation (%)



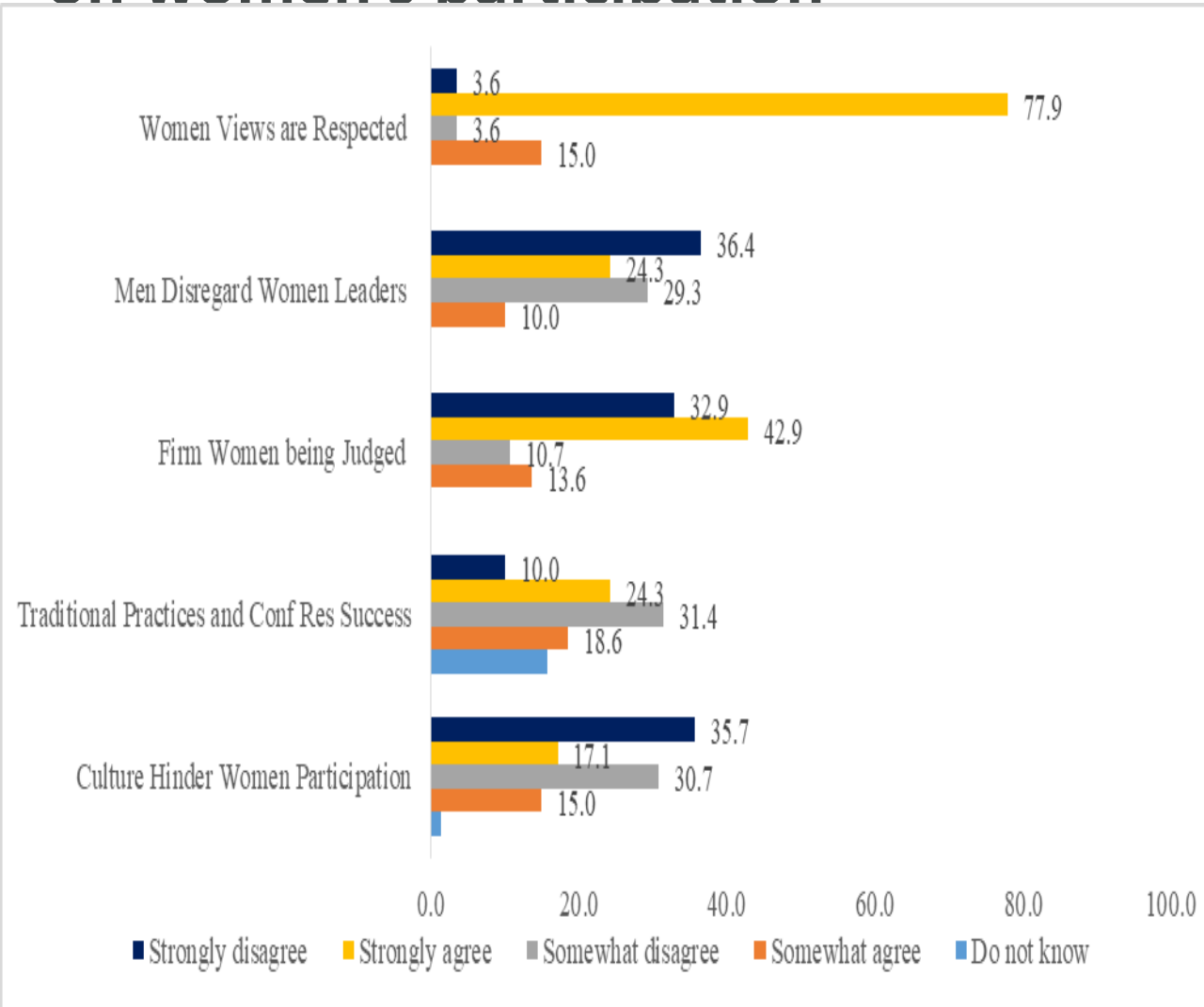
RESULTS AND DISCUSSION

Impacts of socio-cultural factors on women's participation



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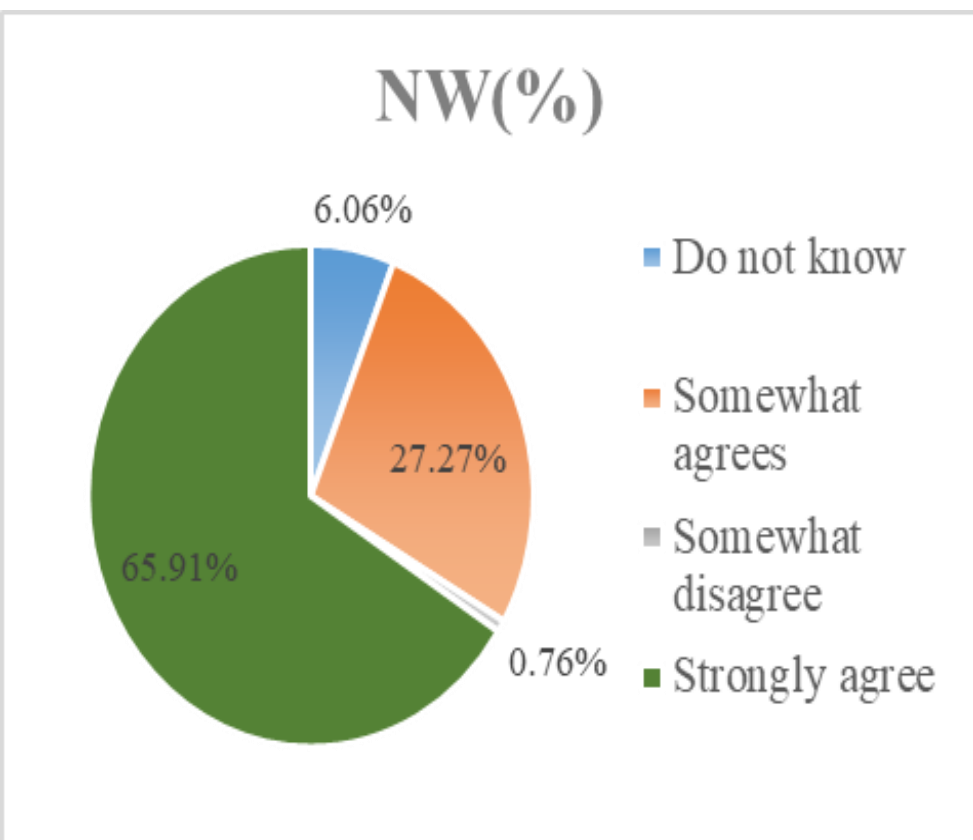
Chi-Square Tests showing the existing correlation between traditional gender roles and inclusion in decision-making



Chi-Square Tests			
	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	3.573 ^a	4	.467
Likelihood Ratio	4.156	4	.385
N of Valid Cases	142		

RESULTS AND DISCUSSION

Familiarity and knowledge of water rights



Chi-square Tests showing relationship between education level and knowledge on water rights



	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	12.166 ^a	9	.204
Likelihood Ratio	13.236	9	.152
Linear-by-Linear Association	10.477	1	.001
N of Valid Cases	132		

RESULTS AND DISCUSSION



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Enforcement mechanisms for law breakers

		Frequencies (%)
Action against law breakers	Fines	24.8
	Legal Action	43.3
	Suspension from WRUA	4.3
	Suspension of water rights	3.5
	Warnings	24.1

Chi-Square Tests showing the relationship between rule clarity and the effectiveness of the enforcement efforts

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	4.978	2	.083
Likelihood Ratio	5.193	2	.075
Linear-by-Linear Association			
N of Valid Cases	141		

CONCLUSION

This study revealed that there were still some deeply ingrained cultural practices that hindered women's effective participation.

There were still a mixture of challenges and successes that reduced the effectiveness of institutional and legal water policy frameworks

RECOMMENDATIONS

There is need for promoting culturally appropriate ways to involve women in water management, rather than merely increasing the percentage of women on water committee.

There is need for strengthening institutional and financial capacity of local governance to address water conflicts





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THANK YOU.