Table S1. Multinomial regression model fit statistics for the influence of household economic characteristics on climate impact experiences, coping responses, adaptation awareness, and adaptation intentions

	Model Fitting Information				**Goodness-of-Fit**	
Dependent variable	AIC	BIC	-2 log Likelihood	p-value	Pearson Chi-square	p-value
Loss of crop yield	691.994	752.052	661.994	0.001	525.176	0.707
Insect bites	622.388	682.447	592.388	0.032	491.253	0.945
Treatment of water	986.737	1146.892	906.737	0.000	1250.428	1.000
Loss of livestock	523.784	562.533	503.784	0.003	345.306	0.351
Loss of crop yield	551.589	609.713	521.589	0.000	410.997	0.999
Loss of farming capacity	502.475	541.225	482.475	0.000	316.103	0.776
Coping response to drought	1241.873	1435.900	1141.873	0.000	1734.365	0.221
Community-managed water supply system	551.797	612.472	521.797	0.034	538.317	0.747
Flood proof borehole or tube wells	580.321	640.996	550.321	0.022	561.140	0.490
Rainwater harvesting system	528.515	589.190	498.515	0.002	587.424	0.213
Resilient latrines	580.571	641.246	550.571	0.028	554.420	0.570
Elevated road and household areas	645.113	705.789	615.113	0.015	499.632	0.970
Social services and health services	672.663	733.338	642.663	0.043	543.061	0.699
Strengthening dwelling	432.688	493.363	402.688	0.001	391.394	1.000
Elevate ground level	575.481	636.156	545.481	0.015	451.666	1.000
Intend to build resilient latrine	672.948	733.623	642.948	0.015	587.103	0.216
Intend to connect to piped water	611.675	672.350	581.675	0.008	544.545	0.683

Table S2. Multinomial logistic regression results (RRR and 95% CI) for significant predictors of climate-related impacts (household economic characteristics)

Outcome variable	Predictor	Comparison category	RRR (Exp(B))	95% CI	p-value
Flood – Loss of crop yield (Q38-1)	Household group (Q64)	Most of the time vs Never	1.74	1.22–2.49	0.002
	Main income source (Q68)	Most of the time vs Never	0.86	0.78–0.94	0.001
	Main income source (Q68)	Sometimes vs Never	0.84	0.77–0.93	0.000
	Household group (Q64)	Sometimes vs Never	1.43	0.99–2.06	0.059*
	Household group (Q64)	Most of the time vs Never	1.74	1.22–2.49	0.002
Flood – Loss of income (Q38-2	Household group (Q64)	Most of the time vs Never	1.78	1.21 – 2.60	0.003
	Monthly income (Q69)	Most of the time Vs Never	0.87	0.76-0.99	0.040
	Monthly income (Q69)	Sometimes vs Never	0.84	0.72-0.98	0.025
Flood – Insect bites (Q40-1)	Household group (Q64)	Most of the time vs Never	1.64	1.09-2.4	0.017
	Household group (Q64	Sometimes vs Never	1.60	1.14-2.24	0.0006
	Monthly income (Q69	Most of the time vs Never	0.77	0.6-0.91	0.003
	Monthly income (Q69)	Sometimes vs Never	0.7	0.76-0.99	0.035
Flood – Transport disruption (Q37-1	Household group (Q64)	Most of the time vs Never	1.44	1.01-2.04	0.042
	Monthly income (Q69) |	Most of the time vs Never	0.87	0.76-0.99	0.035
Flood – Skin disease (Q40-3)	Main income source (Q68)	Most of the time	0.85	0.77-0.95	0.004

Notes

- RRR = Relative Risk Ratio (Exp(B))
- Reference category for all dependent variables: **"Never"**
- Models include economic predictors: household group (Q64), vulnerability group (Q65), income source (Q68), and monthly income (Q69)
- Only statistically significant results ($p < 0.05$) are presented (*$p < 0.10$ shown as borderline)
- Full model fit statistics are reported in Supplementary Table S1

Table S3. Multinomial regression model fit statistics for the influence of individual household characteristics on climate impact experiences, coping responses, adaptation awareness, and adaptation intentions

	Model Fitting Information				**Goodness-of-Fit**	
Dependent variable	AIC	BIC	-2 log Likelihood	p-value	Pearson Chi-square	p-value
Treatment of water	318.864	446.910	254.864	0.045	123.933	0.996
Coping responses to drought	397.807	553.028	317.807	0.001	162.287	0.824
Flood proof borehole or tube wells	174.184	222.696	150.184	0.004	72.172	0.201
Resilient latrines	167.607	216.118	143.607	0.000	80.675	0.066
Social services and health services	169.518	218.030	145.518	0.022	70.964	0.230
Intend to build resilient latrine	161.228	209.740	137.228	0.000	59.457	0.603
Intend to connect to piped water	147.690	196.202	123.690	0.002	57.782	0.662

Table S4. Multinomial logistic regression results (RRR and 95% CI) for individual characteristics

Outcome	**Predictor**	**Comparison category**	**RRR**	**95% CI**	**p-value**
Drought coping strategies (Q49)	Education level (Q67)	Improve irrigation + other strategies vs reference	7.85	1.19–51.95	0.032
	Education level (Q67)	Rely on government support vs reference	6.68	1.08–41.45	0.041
	Education level (Q67)	Take on different jobs + government support vs reference	8.20	1.72–39.22	0.008

Notes

- RRR = Relative Risk Ratio (Exp(B))
- Reference category: baseline coping strategy (as defined in SPSS model)
- Predictor variables tested: duration of residence (Q59), gender (Q61), and education (Q67)
- Only statistically significant and interpretable results are presented
- Models with unstable estimates (e.g., sparse cells, extreme coefficients) are excluded from this table

Table S5. Multinomial regression model fit statistics for geography-related climate impact and adaptation outcomes

	Model Fitting Information				Goodness-of-Fit	
Dependent variable	AIC	BIC	-2 log Likelihood	p-value	Pearson Chi-square	p-value
Cannot go to work	106.518	130.556	94.518	0.046	38.992	0.001
Increased cost of food and basic amenities	114.742	138.780	102.742	0.039	41.976	0.000
Insect bites	123.930	147.968	111.930	0.002	54.746	0.000
Treatment of water	986.737	1146.892	906.737	0.000	1250.428	1.000
Coping responses to drought	254.910	332.577	214.910	0.007	82.179	0.003
Community-managed water supply system	91.145	115.429	79.145	0.003	28.507	0.019
Resilient larine	85.172	109.456	73.172	0.013	22.906	0.086
Raised roads and household areas	112.303	136.588	100.303	0.004	45.761	0.000
Social services and health services	75.552	99.836	63.552	0.009	20.602	0.150
Elevate ground level	75.552	99.836	63.552	0.009	14.914	0.458
Repair broken houses and bridges	65.207	89.491	53.207	0.004	15.744	0.399

Table S6. Multinomial logistic regression results (RRR and 95% CI) for geographic predictors

Outcome	Predictor	Comparison	RRR	95% CI	p-value
Flood – Cannot go to work (Q37-5)	Village type (Q60)	Most of the time vs Never	0.81	0.69–0.96	0.016
Flood – Increased food cost (Q38-3)	Village type (Q60)	Most of the time vs Never	1.17	1.03–1.33	0.015
Flood – Crop loss (Q38-1)	Village type (Q60)	Sometimes vs Never	1.15	1.01–1.32	0.033

Notes

- RRR = Relative Risk Ratio (Exp(B))
- Reference category: “Never”
- Predictor: village geographic classification (Q60)
- Only statistically significant results ($p < 0.05$) are presented
- Full model fit statistics are reported in Supplementary Table S3