

Survey Results

Sheet	Column	Type	Description
Background knowledge			
	Problems	text	Stormwater-management-related problems - Sheung Wan floods: Sheung Wan Wing Lok Street flooding problem - Tai Po floods: Tai Po Lam Tsuen Valley Basin flooding problem - Drainage channel: Drainage channel - Stormwater storage tank: Stormwater storage tank
	No idea what it is	percentage	The percentage that the participant has no idea about what the above problem is.
	I have only heard about it	percentage	The percentage that the participant has only heard about the above problem.
	I have basic understanding	percentage	The percentage that the participant has basic understanding about the above problem.
	I have deep understanding	percentage	The percentage that the participant has deep understanding about the above problem.
	I fully understand what it is	percentage	The percentage that the participant fully understand what the above problem is.
Public Benefit Ranking			
	Reasons	text	Participants would support building these facilities on public buildings and infrastructures because the facilities - reduce green house effect - improve the environment - provide additional recreational space - improve citizens' health - Beautify the city
	1st	percentage	The percentage that this option was selected as the 1st.
	2nd	percentage	The percentage that this option was selected as the 2nd.

	3rd	percentage	The percentage that this option was selected as the 3rd.
	4th	percentage	The percentage that this option was selected as the 4th.
	5th	percentage	The percentage that this option was selected as the 5th.
Private Benefit Ranking			
	Reasons	text	Participants would support building these facilities in private buildings because the facilities <ul style="list-style-type: none"> - add additional real estate value - reduce green house effect - improve the environment - provide additional recreational space - improve citizens' health - Beautify the city
	1st	percentage	The percentage that this option was selected as the 1st.
	2nd	percentage	The percentage that this option was selected as the 2nd.
	3rd	percentage	The percentage that this option was selected as the 3rd.
	4th	percentage	The percentage that this option was selected as the 4th.
	5th	percentage	The percentage that this option was selected as the 5th.
	6th	percentage	The percentage that this option was selected as the 6th.
Willingness to Pay			
On average each HK resident should pay if government were to implement LID			
	Personal information	text	Personal information of the participant <ul style="list-style-type: none"> - Age - Gender - Education level - Monthly income
	<\$10	percentage	The percentage of the participants who think on average each HK resident should pay <\$10 if government were to implement LID

	\$10~\$49	percentage	The percentage of the participants who think on average each HK resident should pay \$10~\$49 if government were to implement LID
	\$50~\$100	percentage	The percentage of the participants who think on average each HK resident should pay \$50~\$100 if government were to implement LID
	\$100~\$200	percentage	The percentage of the participants who think on average each HK resident should pay \$100~\$200 if government were to implement LID
	>\$200	percentage	The percentage of the participants who think on average each HK resident should pay >\$200 if government were to implement LID
How much would the participant pay for the flat with LID facilities in the surrounding area			
	Personal information	text	Personal information of the participant - Age - Gender - Education level - Monthly income
	<1%	percentage	The percentage of the participants who would pay <1% for the flat with LID facilities in the surrounding area
	1%~4.9%	percentage	The percentage of the participants who would pay 1%~4.9% for the flat with LID facilities in the surrounding area
	5%~9.9%	percentage	The percentage of the participants who would pay 5%~9.9% for the flat with LID facilities in the surrounding area
	10%~14.9%	percentage	The percentage of the participants who would pay 10%~14.9% for the flat with LID facilities in the surrounding area
	>15%	percentage	The percentage of the participants who would pay >15% for the flat with LID facilities in the surrounding area

Modeling Results

Sheet	Column	Type	Description
Green Roof			
	Cost	real	Cost of the green roofs (10 ³ USD)
	Hong Kong-2yr	real	2yr design storms of Hong Kong
	Hong Kong-50yr	real	50yr design storms of Hong Kong
	Seattle-2yr	real	2yr design storms of Seattle
	Seattle-50yr	real	50yr design storms of Seattle
Bioretention System			
	Cost	real	Cost of the bioretention systems (10 ³ USD)
	Hong Kong-2yr	real	2yr design storms of Hong Kong
	Hong Kong-50yr	real	50yr design storms of Hong Kong
	Seattle-2yr	real	2yr design storms of Seattle
	Seattle-50yr	real	50yr design storms of Seattle
Porous Pavement			
	Cost	real	Cost of the porous pavements (10 ³ USD)
	Hong Kong-2yr	real	2yr design storms of Hong Kong
	Hong Kong-50yr	real	50yr design storms of Hong Kong
	Seattle-2yr	real	2yr design storms of Seattle
	Seattle-50yr	real	50yr design storms of Seattle