

Questionnaire on the RSS of smart community development based on index screening

Dear experts,

Thank you for participation in the questionnaire survey. This is the research team from Department Engineering Management of School of Mechanics and Civil Engineering, China University of Mining and Technology by Prof. Linxiu Wang and Lecturer Tiantian Gu.

This survey focuses on how to evaluate the RSS of smart community development by considering the multi-level evaluation indicators. The multi-level assessment system has been developed as shown in Figure S3-1. Now, we try to determine the indicators based on your valuable opinions. Please mark in Table S3-1~S3-11 according to your knowledge and experience.

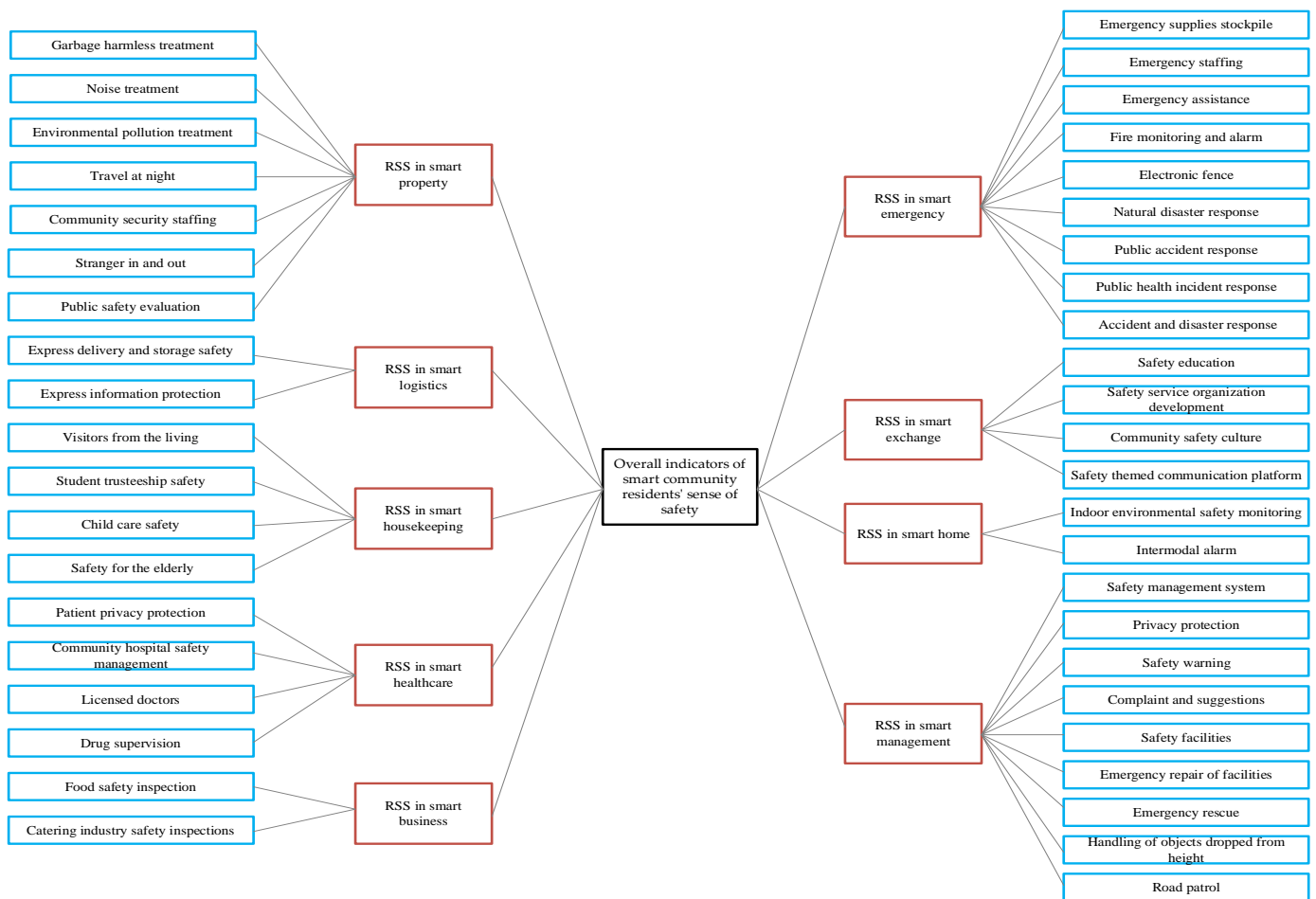


Figure S2-1. The assessment indicators of the RSS of smart community development.

1. Basic information of researchers and experts.

Table S3-1. Respondent information.

Individual characteristics	Items	Symbol (√)
Gender	Male	
	Female	
Education level	Doctor	
	Master	
	Others	

Working experience	More than 5 years	
	3 to 5 years	
	1 to 3 years	
	Less than 1 year	
Occupation	College teachers	
	Government staff	
	Enterprise managers	
	Others	

2. Scoring sheets of evaluation indicators for the RSS of smart community development.

Please mark in Table S3-2~S3-10 according to your knowledge and experience. Ranging from 1(Very unimportant) to 5 (Very important). '√' is used for score marking. Please fill in more suggestions in Table S3-11, if there are any deficiencies in the following options.

Table S3-2. Scoring sheet for smart property service.

Dimension	Indicators	Score				
		1	2	3	4	5
Smart property service	Garbage harmless treatment					
	Noise treatment					
	Environmental pollution treatment					
	Travel at night					
	Community security staffing					
	Stranger in and out					
	Public safety evaluation					

Table S3-3. Scoring sheet for smart logistics service.

Dimension	Indicators	Score				
		1	2	3	4	5
Smart logistics service	Express delivery and storage safety					
	Express information protection					

Table S3-4. Scoring sheet for smart housekeeping service.

Dimension	Indicators	Score				
		1	2	3	4	5
Smart housekeeping service	Visitors from the living					
	Student trusteeship safety					
	Child care safety					
	Safety for the elderly					

Table S3-5. Scoring sheet for smart medical service.

Dimension	Indicators	Score				
		1	2	3	4	5
Smart medical service	Patient privacy protection					
	Community hospital safety management					
	Licensed doctors					
	Drug supervision					

Table S3-6. Scoring sheet for smart business service.

Dimension	Indicators	Score				
		1	2	3	4	5
Smart business service	Food safety inspection					
	Catering industry safety inspections					

Table S3-7. Scoring sheet for smart emergency service.

Dimension	Indicators	Score				
		1	2	3	4	5
Smart emergency service	Emergency supplies stockpile					
	Emergency staffing					
	Emergency assistance					
	Fire monitoring and alarm					
	Electronic fence					
	Natural disaster response					
	Public accident response					
	Public health incident response					
	Accident and disaster response					

Table S3-8. Scoring sheet for smart communication service.

Dimension	Indicators	Score				
		1	2	3	4	5
Smart communication service	Safety education					
	Safety service organization development					
	Community safety culture					
	Safety themed communication platform					

Table S3-9. Scoring sheet for smart home service.

Dimension	Indicators	Score				
		1	2	3	4	5
Smart home service	Indoor environmental safety monitoring					
	Intermodal alarm					

Table S3-10. Scoring sheet for smart management.

Dimension	Indicators	Score				
		1	2	3	4	5
Smart management	Safety management system					
	Privacy protection					
	Safety warning					
	Complaint and suggestions					

	Safety facilities					
	Emergency repair of facilities					
	Emergency rescue					
	Handling of objects dropped from height					
	Road patrol					

3. More suggestions.

Table S3-11. More suggestions of the residents' sense of safety for smart community.

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Thanks a lot for your cooperation!