

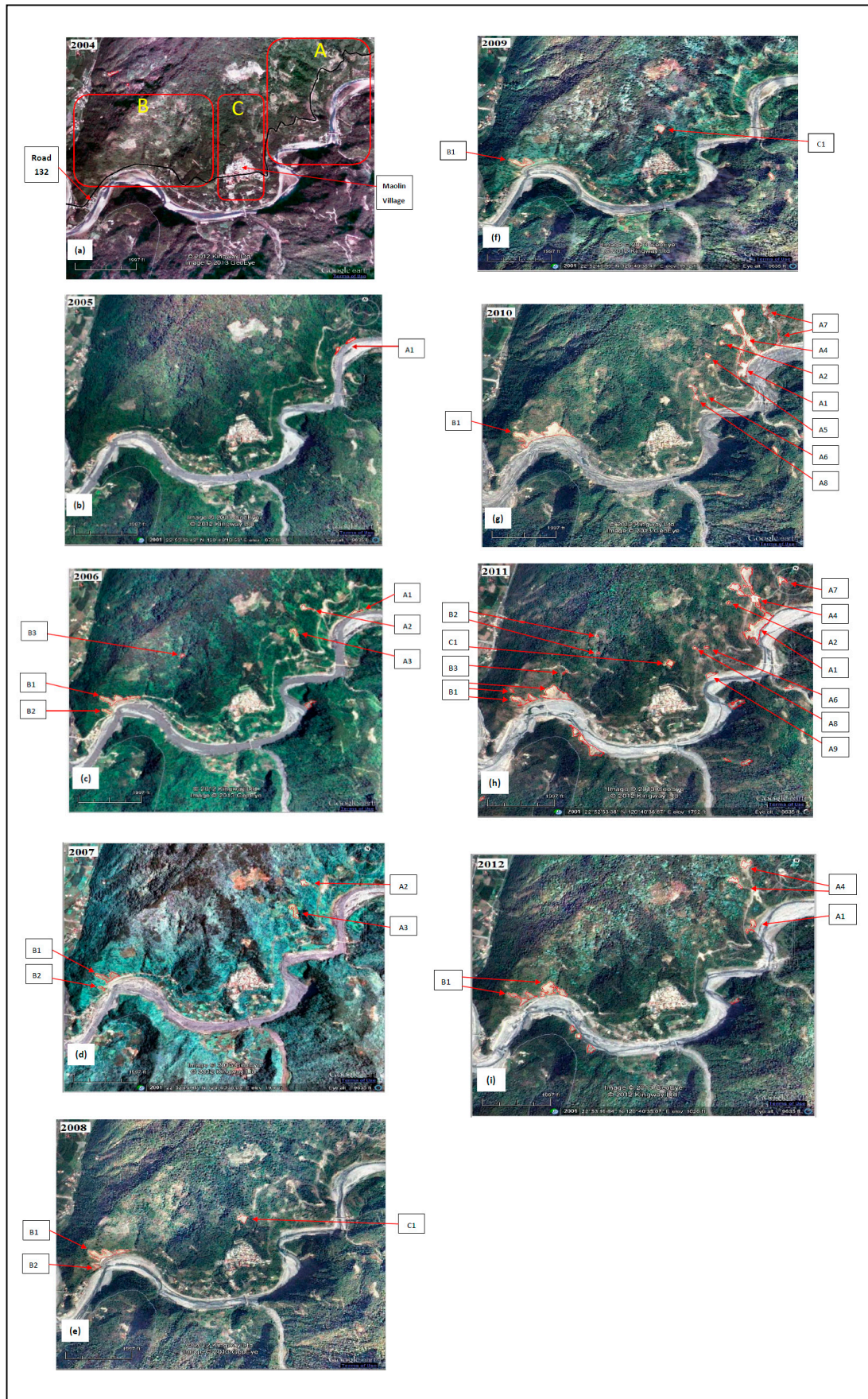
Supplementary Material 1

Eleven questions developed and delivered to the residents of Maolin District

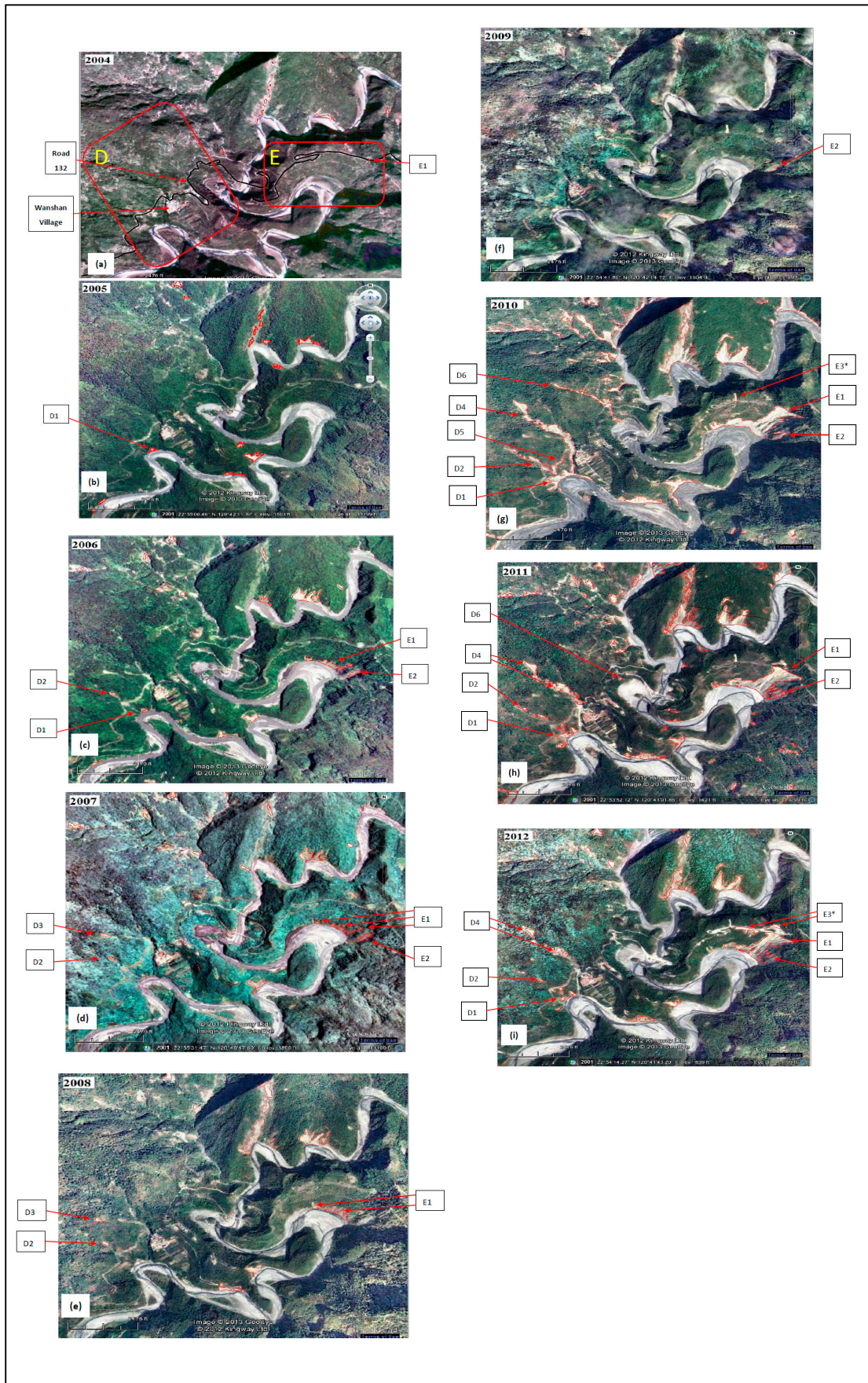
Information and Awareness
1. Do you have a computer? Do you have access to it?
2. During a typhoon, where is a safe place?
3. Do you know where the dangerous landslides happen in your community?
4. Does everyone in your community know how to evacuate? Where to go?
5. Do you know and understand you community evacuation plan?
6. Is there a person you trust for information about landslides in your community?
Economy and Natural Capital
1. Do you work in your community?
2. What do you hope for the future of Maolin?
3. How often do you travel out of your community to shop for daily goods?
4. When the government is doing construction in your community, are there any additional benefits to your community?
5. How could the government reduce the risk of debris flows/landslides that affect your community?

Supplementary Materials 2

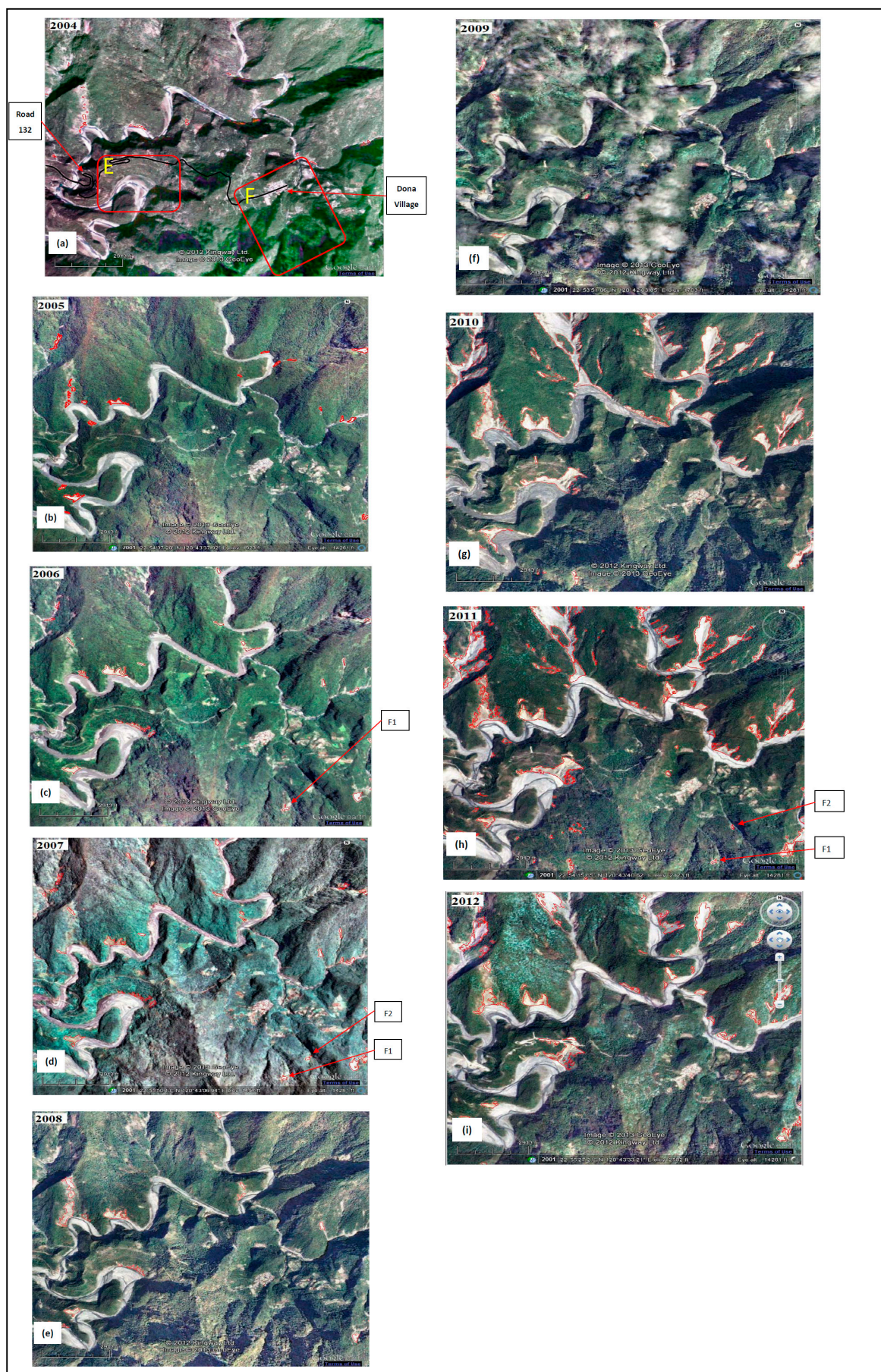
Maolin Village, Landslide Inventory Results (2004-2012), Zones A, B, C. (Base Images: FS-2 displayed on Google Earth platform)



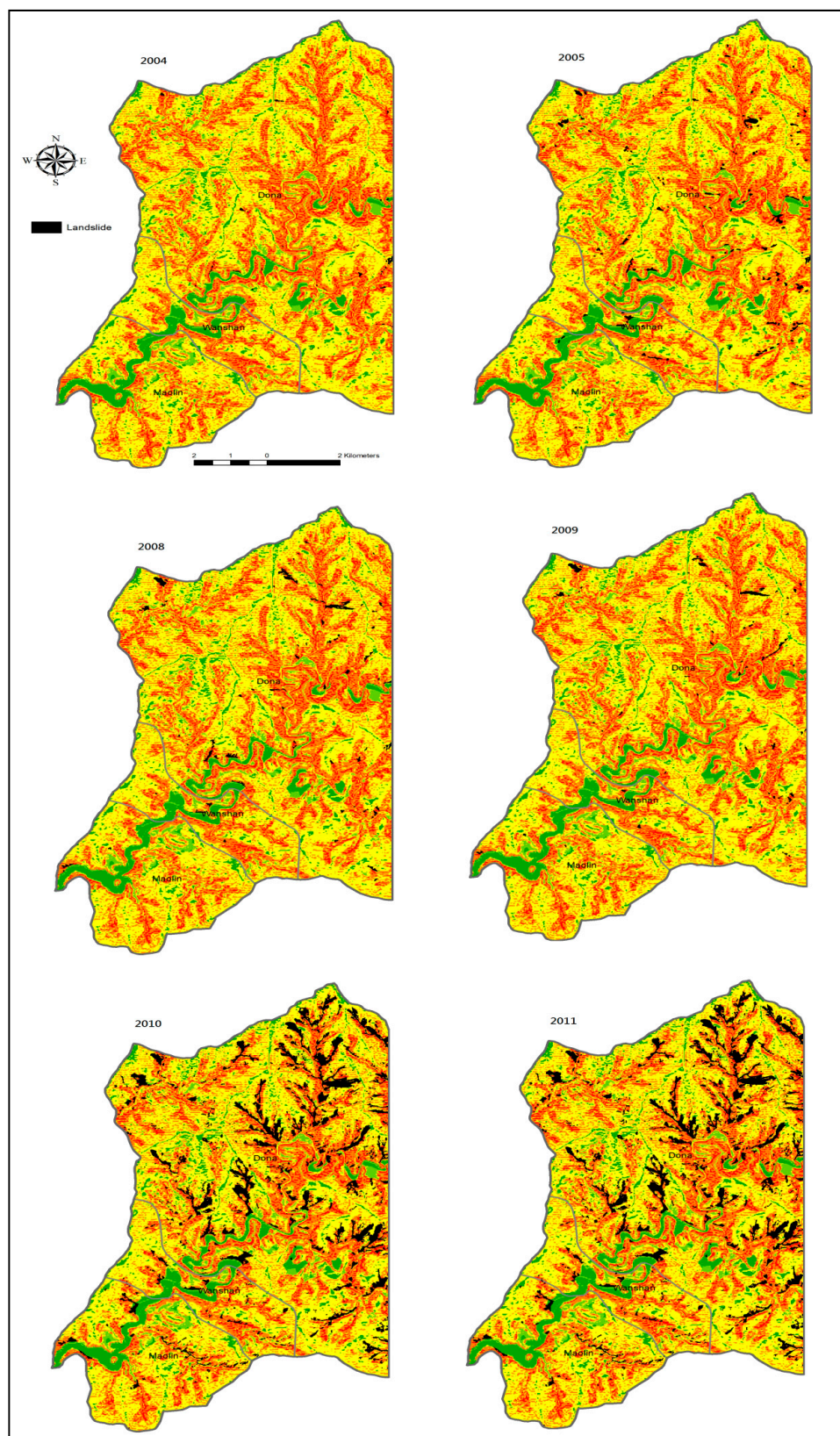
Wanshan Village, Landslide Inventory Results (2004-2012), Zones D, E. (Base Images: FS-2 displayed on Google Earth platform)



Dona Village, Landslide Inventory Results (2004- 2012), Zone E, F. (Base Images: FS-2 displayed on Google Earth platform)



Supplementary Materials 3
LSI vs Landslide Inventory (2004-2012) Results, Maolin District



Supplementary Material 4

Questionnaire Results

Information and Awareness Questionnaire Results (1/3)

Question	Answer	Replies	C.I (%)	Risk to Sustainability	Conclusion
1. Do you know where the dangerous landslides/debris flows happen in your community?	A: A very good understanding, even more than the government	26	13 to 27	High	- No clear understanding of where landslide happen
	B: I understand based on what the government tells me	35	19 to 35	High	- Unreliable replies shows lack of awareness
	C: I only know some, but in fact I need to know more	57	35 to 53	High	
	D: I do not know	6	1 to 8	Low	
	Other: _____	4	0.1 to 6	Low	
Total no. of replies		130			
2. Does everyone in your community know how to evacuate? And where to go?	A: Yes, I know this from ___ to go to ___ (shelter)	67	43 to 60	Low	- Dependence on government
	B: Government will make arrangements, so I do not need to worry	31	17 to 31	High	- Need for a community based system for evacuation.
	C: I do not know, because government will arrange.	22	10 to 23	High	
	Other _____	10	3 to 12	Low	
Total no. of replies		130			

Information and Awareness Questionnaire Results (2/3)

Question	Answer	Replies	C.I.(%)	Risk to Sustainability	Conclusion
3. Do you have a computer? Do you have access t it?	A: Yes, I have a computer with internet access	90	64 to 79	Low	- Computer can be a tool to access information and increase awareness
	B: Yes, I have a computer but not internet connection	3	0.2 to 5	Low	
	C: No, I do not have a computer or internet connected devices	33	19 to 34	Low	
Total no. of replies		126			
4. Is there a person or people that you trust for information about landslides/debris flows in your community?	A:Yes, the person I trust is_____	66	44 to 61	Medium	- No clear information source, need to know what info is reliable
	B: No, the only reliable person is myself	39	23 to 39	High	
	Other_____	21	10 to 23		
Total no. of replies		126			

Information and Awareness Questionnaire Results (3/3)

Question	Answer	Replies	C.I (%)	Risk to Sustainability	Conclusion
5. Do you know and understand your community evacuation plan?	A: Yes, and I feel it is very a complete plan	40	23 to 39	Medium	- Good overall understanding.
	B: Yes, but I think there is room for improvement, I suggest: _____	66	42 to 59	Medium	- Should improve because geohazards occur annually
	C: no or not enough, I prefer to believe in myself	24	12 to 25	Medium	- Need for a clear and easy to understand evacuation plan
Total no. of replies		130			
6. During a typhoon, where is a safe area?	A: Government Shelter	53	32 to 49	Medium	- No clear choice of where is safe
	B: I will stay home, because I think my home is the safest	36	20 to 35	Medium	- Need to know where the best place to go is
	C: nongovernment-designated shelter, but I will go (such as churches)	39	22 to 38	Medium	-Personal preference interferes with actual safe location
	Other _____	2	0.5 to 3	Low	
Total no. of replies		130			

Economy and Natural Capital Questionnaire Results (1/3)

Question	Answer	Replies	C.I (%)	Risk to Sustainability	Conclusion
1. Do you work in your community?	A: Yes, I work in my community	59	37 to 54	Low	- Ideally, the more citizens working locally, the better
	B: No, I work outside my community	25	12 to 26	Medium	- Less travel reduces risk and lowers living costs
	C: No. I don't have a job.	32	17 to 32	High	- Job creation is lacking
	Other _____	14	5 to 16	Medium	
Total no. of replies		130			
2. When the government is doing construction in your community, are there any additional benefits to your community? Example: give priority hiring to local residents to participate in local construction projects.	A: Yes, I know that the following measures _____	12	4 to 14	High	- Residents benefit with new roads
	B: Yes, there should be, but I do not know	94	64 to 80	High	- No benefit of employment opportunities
	C: I know not, I suggest _____	24	12 to 25	High	- Lack of skilled training may have caused this situation.
Total no. of replies		130			

Economy and Natural Capital Questionnaire Results (2/3)

Question	Answer	Replies	C.I. (%)	Risk to Sustainability	Conclusion
3. What do you hope for the Maolin District in the future?	A: economic priority. (Tourism, land development)	20	9 to 21	Low	- Understand the importance of natural capital to their future
	B: environment as a priority. (Ecological protection, set up nature reserves and indigenous culture preservation)	102	71 to 86	Low	- Need for further development of environmental capital that sets the environment as priority
	C: maintain the status quo	4	0.1-6	Low	
	Other _____	4	0.1-6	Low	
Total no. of replies		130			
4. How often do you travel out of your community to shop for daily goods?	A : _____ per day	7	1 to 9	Low	- No stores to supply locals with daily good
	B: _____ per week	66	42-60	High	
	C : _____ per month	12	4 to 14	Low	- No choice, must frequently leave community
	D: go to town without any reason	37	20-36	Medium	
	Other _____	8	2 to 10	Low	
Total No. of Replies		130			

Economy and Natural Capital Questionnaire Results (3/3)

Question	Answer	Replies	C.I (%)	Risk to Sustainability	Conclusion
5. How could the government reduce the risk of debris flows/landslides that affect your community?	A: should increase the budget for the implementation of afforestation, road and construction projects to prevent landslides	67	43 to 60	Medium	- Residents want more to be done
	B: maintain the status quo	21	9 to 22	Medium	- Landslide will happen so there is need for adaptation to the changing environment
	C: do less or do not do, because we cannot resist the forces of nature. Funds should be used in other areas, such as: _____	18	7 to 20	Low	
	Other, your suggestions: _____	24	12 to 25	Low	
Total No. of Replies		130			