

BUILDING DAMAGE DETECTION FROM POST-EARTHQUAKE AERIAL IMAGES USING WATERSHED SEGMENTATION IN GOLCUK, TURKEY

Commission VII, WG VII/5

KEY WORDS:

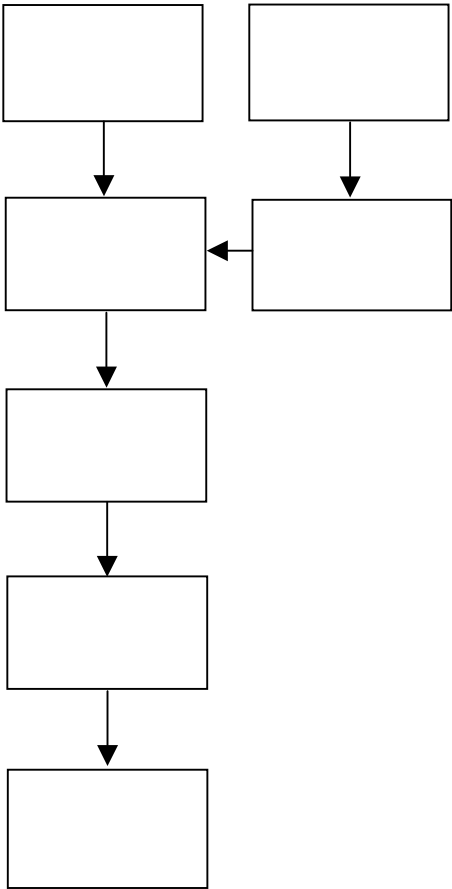
ABSTRACT:

1. INTRODUCTION

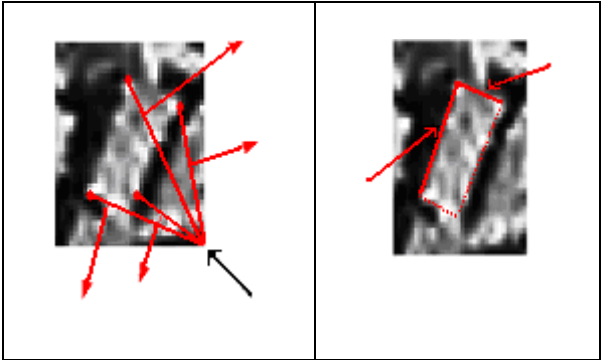
2. PREVIOUS STUDIES

3.2 Methodology

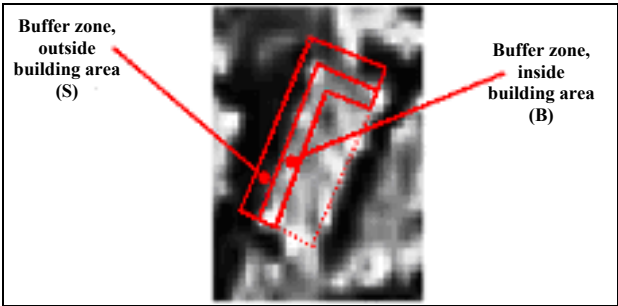
	X	Y	Edge Number
	230	419	1
	...	...	...
	239	398	1
	239	424	4
	...	...	...
	230	419	4
	249	402	3
	...	...	...
	239	424	3
	240	398	2
	...	...	...
	249	402	2



3.2.1 Building Selection and Shadow Edge Detection:



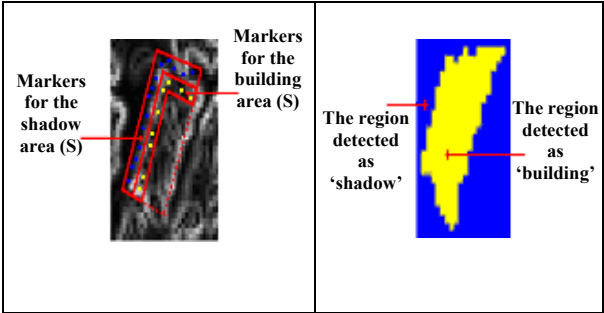
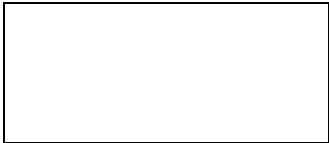
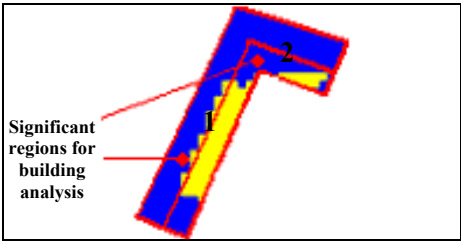
3.2.2 Buffer Zone Generation:



3.2.4 Assessing the Conditions of the Buildings:

91.92% 66.67%

3.2.3 Watershed Segmentation:



3.3 Results

4. CONCLUSIONS

50%						

REFERENCES

