

Aberystwyth University

Modelling of land use and land cover changes and prediction using CA-Markov and Random Forest

Asif, Muhammad; Kazmi, Jamil Hasan; Tariq, Aqil; Zhao, Na; Guluzade, Rufat; Soufan, Walid; Almutairi, Khalid F.; Sabagh, Ayman El; Aslam, Muhammad

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tel: +44 1970 62 2400

email: is@aber.ac.uk

Supplementary Table 1: Confusion matrices were used in this study

Years	Code	HDR	LDR	CR	W	BA	GD	Total	UA	PA	OA	K
1990	HDR	47	0	3	0	0	0	50	94.00	92.16	93.67	0.82
	LDR	0	46	1	1	1	1	50	92.00	93.88		
	CR	1	0	47	0	1	1	50	94.00	90.38		
	W	1	0	0	48	0	1	50	96.00	96.00		
	BA	1	1	1	1	46	0	50	92.00	95.83		
	GD	1	2	0	0	0	47	50	94.00	94.00		
Total		51	49	52	50	48	50	300				
Years	Code	HDR	LDR	CR	W	BA	GD	Total	UA	PA	OA	K
2006	HDR	47	0	0	1	2	0	50	94.00	95.92	90.33	0.82
	LDR	0	48	1	0	0	1	50	96.00	96.00		
	CR	0	0	49	0	0	1	50	98.00	96.08		
	W	1	1	0	47	0	1	50	94.00	94.00		
	BA	0	1	1	0	48	0	50	96.00	96.00		
	GD	1	0	0	2	0	49	50	98.00	94.23		
Total		49	50	51	50	50	52	300				
Years	Code	HDR	LDR	CR	W	BA	GD	Total	UA	PA	OA	K
2022	HDR	42	3	0	2	1	2	50	84.00	97.67	87.00	0.81
	LDR	0	43	3	2	0	2	50	86.00	82.69		
	CR	0	2	44	2	1	1	50	88.00	84.62		
	W	1	0	1	44	2	2	50	88.00	83.02		
	BA	0	2	2	2	44	0	50	88.00	89.80		
	GD	0	2	2	1	1	44	50	88.00	86.27		
Total		43	52	50	53	49	51	300				