



Supplementary Materials

Table S1. Confusion Matrix for the year 1974.

Classification	Reference											UA (%)
	1974	1	2	3	4	5	6	7	8	9	10	
	1	30	29	0	0	35	6	0	0	3	0	0.29
	2	0	97	5	0	1	1	0	1	0	0	0.92
	3	0	0	103	0	0	0	0	0	0	0	1.00
	4	0	4	4	95	0	0	0	0	0	0	0.92
	5	0	4	0	0	97	0	0	0	0	0	0.96
	6	1	7	0	0	4	97	0	0	0	0	0.89
	7	0	8	0	0	0	10	4	0	65	0	0.05
	8	0	1	0	0	30	0	0	69	1	0	0.68
	9	0	0	0	0	0	0	0	0	103	0	1.00
	10	0	0	0	0	7	0	0	0	2	94	0.91
PA (%)		0.97	0.65	0.92	1.00	0.56	0.85	1.00	0.99	0.59	1.00	OA: 0.78 K: 0.75

Table S2. Confusion Matrix for the year 1990.

Classification	Reference											UA (%)
	1990	1	2	3	4	5	6	7	8	9	10	
	1	86	8	0	0	3	0	0	1	1	3	0.84
	2	0	99	0	0	3	0	0	0	0	0	0.97
	3	0	5	98	1	0	0	0	0	0	0	0.94
	4	0	0	1	100	0	0	0	0	0	0	0.99
	5	0	1	0	0	101	0	0	0	0	0	0.99
	6	0	2	0	1	2	96	0	0	0	0	0.95
	7	0	0	0	5	2	0	75	1	19	0	0.74
	8	0	0	0	1	1	0	1	89	2	6	0.89
	9	0	0	0	0	0	0	0	0	102	0	1.00
	10	0	0	0	0	0	4	0	1	0	98	0.95
PA (%)		1.00	0.86	0.99	0.93	0.90	0.96	0.99	0.97	0.82	0.92	OA: 0.93 K: 0.92

Table S3. Confusion Matrix for the year 1995.

Classification	Reference											UA (%)
	1995	1	2	3	4	5	6	7	8	9	10	
	1	80	5	1	0	5	7	0	0	0	2	0.80
	2	0	103	2	0	0	0	0	0	0	0	0.98
	3	0	0	102	0	0	0	0	1	0	0	0.99
	4	0	0	2	98	0	0	0	0	0	0	0.98
	5	1	1	0	0	104	0	0	0	0	0	0.98
	6	0	6	0	0	9	85	0	2	0	0	0.83
	7	0	0	0	0	1	0	90	5	12	0	0.83
	8	1	1	0	1	8	1	2	86	4	0	0.83
	9	0	0	0	0	0	0	0	0	102	0	1.00
	10	0	0	0	0	2	0	0	0	0	101	0.98
PA (%)		0.98	0.89	0.95	0.99	0.81	0.91	0.98	0.91	0.86	0.98	OA: 0.92 K: 0.91

Table S4. Confusion Matrix for the year 2001.

Classification	Reference											UA (%)
	2001	1	2	3	4	5	6	7	8	9	10	
	1	52	10	0	0	6	8	0	0	0	2	0.67
	2	0	96	0	0	0	0	0	0	0	0	1.00
	3	0	0	88	0	0	0	0	0	0	0	1.00
	4	0	0	0	78	0	0	0	0	0	0	1.00
	5	0	0	0	0	88	2	0	0	0	0	0.98
	6	0	0	0	0	2	94	0	0	0	0	0.98
	7	0	0	0	0	0	10	88	0	0	0	0.90
	8	0	2	0	0	0	4	6	72	4	0	0.82
	9	0	0	0	0	0	0	0	0	98	0	1.00
	10	0	0	0	0	0	1	0	0	1	45	0.96
PA (%)		1.00	0.89	1.00	1.00	0.92	0.79	0.94	1.00	0.95	0.96	OA: 0.93 K: 0.92

Table S5. Confusion Matrix for the year 2005.

Classification	Reference											UA (%)
	2005	1	2	3	4	5	6	7	8	9	10	
	1	86	3	0	0	0	10	0	0	0	3	0.84
	2	0	101	2	0	2	0	0	0	0	0	0.96
	3	0	1	100	0	0	0	0	0	0	0	0.99
	4	0	0	1	102	0	1	0	0	0	0	0.98
	5	0	0	0	0	103	2	0	0	0	0	0.98
	6	0	0	7	3	1	92	0	0	0	0	0.89
	7	0	0	0	0	1	1	65	27	11	2	0.61
	8	2	4	0	0	2	2	6	87	0	1	0.84
	9	0	0	0	0	0	0	0	0	102	0	1.00
	10	0	1	0	0	0	0	0	0	0	102	0.99
PA (%)		0.98	0.92	0.91	0.97	0.94	0.85	0.92	0.76	0.90	0.94	OA: 0.91 K: 0.91

Table S6. Confusion Matrix for the year 2010.

Classification	Reference											UA (%)
	2010	1	2	3	4	5	6	7	8	9	10	
	1	92	2	0	0	0	3	0	0	0	5	0.90
	2	0	101	1	0	1	0	0	0	0	0	0.98
	3	0	0	102	0	0	0	0	0	0	0	1.00
	4	0	0	0	101	0	0	0	0	0	0	1.00
	5	1	0	0	0	102	0	0	0	0	0	0.99
	6	0	0	4	0	1	99	0	0	0	0	0.95
	7	0	0	0	0	4	0	82	2	14	0	0.80
	8	0	0	0	0	10	0	1	74	16	1	0.73
	9	0	0	0	0	0	0	0	0	104	0	1.00
	10	0	0	0	0	0	0	0	3	2	98	0.95
PA (%)		0.99	0.98	0.95	1.00	0.86	0.97	0.99	0.94	0.76	0.94	OA: 0.93 K: 0.92

Table S7. Confusion Matrix for the year 2015.

Classification	Reference											UA (%)
	2015	1	2	3	4	5	6	7	8	9	10	
	1	90	0	0	0	5	3	0	0	0	6	0.87
	2	0	100	3	0	0	0	0	0	0	0	0.97
	3	0	1	101	0	0	1	0	0	0	0	0.99
	4	0	0	0	98	0	4	0	0	0	0	0.96
	5	0	0	0	0	104	0	0	1	0	0	0.99
	6	1	0	0	0	0	102	0	0	0	0	0.99
	7	0	0	0	0	0	1	78	8	15	0	0.77
	8	0	0	0	0	12	1	0	88	1	0	0.87
	9	0	0	0	0	0	0	0	0	103	0	1.00
	10	0	0	0	0	0	0	0	0	1	100	0.99
PA (%)		0.99	0.99	0.98	1.00	0.86	0.91	1.00	0.91	0.87	0.95	OA: 0.94 K: 0.93

Table S8. Confusion Matrix for the year 2021.

Classification.	Reference											UA (%)
	2021	1	2	3	4	5	6	7	8	9	10	
	1	103	0	0	0	1	1	0	0	0	1	0.98
	2	0	101	2	0	2	0	0	0	0	0	0.96
	3	0	2	104	0	0	0	0	0	0	0	0.99
	4	0	0	0	97	1	6	0	0	0	0	0.93
	5	2	0	0	0	104	0	0	0	0	0	0.99
	6	0	0	1	0	2	101	0	0	0	0	0.97
	7	0	0	0	0	2	1	98	0	3	0	0.94
	8	0	0	0	0	5	0	1	92	5	1	0.89
	9	0	0	0	0	0	0	0	0	105	0	1.00
	10	1	0	0	1	7	1	0	0	1	95	0.91
PA (%)		0.98	0.98	0.97	0.99	0.84	0.92	0.99	1.00	0.92	0.98	OA: 0.95 K: 0.95