

Second Edition

Assessing the Accuracy of Remotely Sensed Data

Principles and Practices



Reference Data

		Urban	Farm	Forest	Water	Total
Map	Urban	93	3	2	2	100
Data	Farm	10	83	4	3	100
	Forest	2	3	90	5	100
	Water	1	6	0	93	100
	Total	106	95	96	100	400

$$\text{Overall Accuracy} = (93+83+90+93)/400 = 91\%$$

Producer's Accuracy

Urban = $93/106 = 88\%$

Farm = $83/95 = 87\%$

Forest = $90/96 = 94\%$

Water = $93/100 = 93\%$

User's Accuracy

Urban = $93/100 = 93\%$

Farm = $83/100 = 83\%$

Forest = $90/100 = 90\%$

Water = $93/100 = 93\%$

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