

Supplementary Files

Supplementary Tables

Table S1 Different bands of Landsat 5 TM, Landsat 7 (ETM) and Landsat 8 (OLI) used for Band Combination.

Landsat 5 TM			Landsat 7 (ETM)			Landsat 8 OLI		
Bands	Wave length (μm)	Resolution	Bands	Wave length (μm)	Resolution	Bands	Wave length (μm)	Resolution
Band Blue	1- 0.45-0.52	30	Band 1- Blue	0.45-0.52	30	Band Coastal aerosol	1- 0.43-0.45	30
Band Green	2- 0.52-0.60	30	Band 2- Green	0.52-0.60	30	Band 2- Blue	0.45-0.51	30
Band Red	3- 0.63-0.69	30	Band 3- Red	0.63-0.69	30	Band 3- Green	0.53-0.59	30
Band 4- Near Infrared Red (NIR)	0.77-0.90	30	Band 4- Near Infrared Red (NIR)	0.77-0.90	30	Band 4- Red	0.64-0.67	30
Band 5- SWIR1	1.55-1.75	30	Band 5- SWIR1	1.55-1.75	30	Band 5- Near Infrared Red (NIR)	0.85-0.88	30
Band 6- Thermal infrared (TIR)	10.40-12.50	120	Band 6- Thermal infrared (TIR)	10.40-12.50	30/60	Band 6-SWIR1	1.57-1.65	30
Band 7- SWIR2	2.08-2.35	30	Band 7- SWIR2	2.09-2.35	30	Band 7- SWIR2	2.11-2.29	30
			Band 8- Panchromatic (Pan)	0.52-0.90	15	Band 8- Panchromatic (Pan)	0.50-0.68	15
						Band 9- Cirrus	1.36-1.38	30
						Band 10- Thermal infrared (TIRS1)	10.6-11.19	100
						Band 11- Thermal infrared (TIRS2)	11.5-12.51	100