

Supplementary Material

Assessment of Reservoir Sedimentation Using Geospatial Tools: A Case Study of Kadana Reservoir

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Table S1. Elevation-Area Table 2019 ~ 2020

Date	Elevation (m)	Area (m ²)
14-05-2020	121.18	59341500
28-04-2020	121.79	64539900
12-04-2020	122.48	71056800
24-02-2020	124.36	85023900
08-02-2020	125.17	92435400
23-01-2020	125.83	95055300
22-12-2019	126.98	110687555

Table S2. Elevation-Water Spread Area from 2010 ~ 2012

Date	Elevation (m)	Area (m ²)
extrapolation	114.30	33038988
30-05-2011	116.38	33039000
14-05-2011	116.79	35258400
27-03-2011	119.36	48282300
11-05-2010	121.34	44965800
22-01-2011	122.05	69525000
03-11-2010	123.01	75796200
13-03-2012	124.11	84971700
09-01-2012	125.07	95569200
23-10-2012	126.93	106115400
07-10-2012	127.59	108297900

Table S3. Elevation-Water Spread Area from 2015 ~ 2016

Date	Elevation (m)	Area (m ²)
19-05-2016	116.54	33082200
03-05-2016	117.27	38717100
01-04-2016	118.54	46454400
29-02-2016	118.9	51599700
13-02-2016	119.89	52137900
28-01-2016	120.83	61219800
27-12-2015	121.87	68179500
11-12-2015	122.12	70041600
24-10-2015	123.29	78994800
08-10-2015	124.11	80838000
06-09-2015	126.42	94320900