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LAMPIRAN 1

Tabel Curah Hujan (Bulan-Tahun)

Waktu	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2009	305	180	225	226	233	23	23	0	14	78	231	370
2010	364	205	209	266	255	147	117	155	331	323	373	313
2011	293	116	327	218	151	3	6	1	9	150	429	492
2012	270	378	351	185	179	72	77	33	4	106	309	550
2013	284	153	162	364	171	151	140	6	25	156	405	496
2014	292	113	277	172	123	101	21	8	4	7	215	253
2015	214	277	211	336	115	36	8	0	0	1	121	481
2016	395	401	302	219	208	150	60	13	291	477	640	330
2017	223	526	467	380	248	199	107	25	108	185	491	299
2018	352	267	349	217	106	79	30	11	12	75	313	344
2019	362	455	406	375	50	86	2	0	0	59	218	447
Rata-rata	**305**	**279**	**299**	**269**	**167**	**95**	**54**	**23**	**72**	**147**	**340**	**398**

LAMPIRAN 2

Kerawanan Berdasarkan Jenis Litologi	Luas (Ha)
Tidak Rawan - Alluvium	3817
Tidak Rawan - Basal	2100
Tidak Rawan - Formasi Balangbaru	3286
Tidak Rawan - Formasi Camba	5271
Tidak Rawan - Formasi Malawa	376
Tidak Rawan - Formasi Tonasa	6631
Tidak Rawan - Komplek Bancuh Bantimala	2302
Tidak Rawan - Diorit	1474
Tidak Rawan - Trakit	1054
Agak Rawan - Alluvium	14
Agak Rawan – Basal	44
Agak Rawan - Formasi Balangbaru	745
Agak Rawan - Formasi Camba	1914
Agak Rawan - Formasi Malawa	66
Agak Rawan - Formasi Tonasa	1300
Agak Rawan - Komplek Bancuh Bantimala	232
Agak Rawan – Diorit	25
Agak Rawan - Trakit	47
Rawan - Alluvium	8
Rawan – Basal	33
Rawan - Formasi Balangbaru	239
Rawan - Formasi Camba	2961
Rawan - Formasi Malawa	102
Rawan - Formasi Tonasa	392
Rawan - Komplek Bancuh Bantimala	208
Rawan – Diorit	17
Rawan – Trakit	71
Sangat Rawan - Alluvium	17
Sangat Rawan - Basal	22
Sangat Rawan - Formasi Balangbaru	291
Sangat Rawan - Formasi Camba	2945
Sangat Rawan - Formasi Malawa	56
Sangat Rawan - Formasi Tonasa	641
Sangat Rawan - Komplek Bancuh Bantimala	243
Sangat Rawan - Diorit	19
Sangat Rawan - Trakit	41

LAMPIRAN 3

Kerawanan Berdasarkan Kelas Penggunaan Lahan	Luas (Ha)
Tidak Rawan - Hutan	13211
Tidak Rawan - Kebun	669
Tidak Rawan - Pemukiman	1353
Tidak Rawan - Pertanian	7798
Tidak Rawan - Semak Belukar	3213
Agak Rawan - Hutan	2961
Agak Rawan - Kebun	271
Agak Rawan - Pemukiman	20
Agak Rawan - Pertanian	455
Agak Rawan - Semak Belukar	675
Rawan - Hutan	2453
Rawan - Kebun	66
Rawan - Pemukiman	9
Rawan - Pertanian	92
Rawan - Semak Belukar	1409
Sangat Rawan - Hutan	1292
Sangat Rawan - Kebun	15
Sangat Rawan - Pemukiman	4
Sangat Rawan - Pertanian	503
Sangat Rawan - Semak Belukar	2460

LAMPIRAN 4

Kerawanan Berdasarkan Kelas Tekstur	Luas (Ha)
Tidak Rawan - Pasir Berlempung	979
Tidak Rawan - Liat Berdebu	1345
Tidak Rawan - Liat	3902
Tidak Rawan - Lempung Berpasir	61
Tidak Rawan - Lempung Berliat	2266
Tidak Rawan - Lempung Berdebu	4725
Tidak Rawan - Lempung	12562
Tidak Rawan - Lempun Liat Berpasir	582
Agak Rawan - Pasir Berlempung	107
Agak Rawan - Liat Berdebu	392
Agak Rawan - Liat	946
Agak Rawan - Lempung Berpasir	70
Agak Rawan - Lempung Berliat	682
Agak Rawan - Lempung Berdebu	548
Agak Rawan - Lempung	1498
Agak Rawan - Lempun Liat Berpasir	176
Rawan - Pasir Berlempung	355
Rawan - Liat Berdebu	428
Rawan - Liat	1614
Rawan - Lempung Berpasir	83
Rawan - Lempung Berliat	657
Rawan - Lempung Berdebu	224
Rawan - Lempung	646
Rawan - Lempun Liat Berpasir	53
Sangat Rawan - Pasir Berlempung	249
Sangat Rawan - Liat Berdebu	652
Sangat Rawan - Liat	965
Sangat Rawan - Lempung Berpasir	97
Sangat Rawan - Lempung Berliat	845
Sangat Rawan - Lempung Berdebu	407
Sangat Rawan - Lempung	1025
Sangat Rawan - Lempun Liat Berpasir	65

Kerawanan Berdasarkan Desa	Luas (Ha)	Kerawanan Berdasarkan Desa	Luas (Ha)
Tidak Rawan - Anabanua	2178	Sangat Rawan - Bacu-bacu	616
Tidak Rawan - Bacu-bacu	1008	Sangat Rawan - Coppo	7
Tidak Rawan - Coppo	320	Sangat Rawan - Garessi	8
Tidak Rawan - Garessi	1011	Sangat Rawan - Harapan	944
Tidak Rawan - Harapan	2835	Sangat Rawan - Jangan-jangan	141
Tidak Rawan - Jangan-jangan	1016	Sangat Rawan - Kading	132
Tidak Rawan - Kading	985	Sangat Rawan - Lempang	40
Tidak Rawan - Lalolang	162	Sangat Rawan - Libureng	66
Tidak Rawan - Lempang	1153	Sangat Rawan - Lipukasi	28
Tidak Rawan - Libureng	804	Sangat Rawan - Lompo Riaja	307
Tidak Rawan - Lipukasi	1146	Sangat Rawan - Lompo Tengah	106
Tidak Rawan - Lompo Riaja	2226	Sangat Rawan - Mattirowalie	406
Tidak Rawan - Lompo Tengah	1982	Sangat Rawan - Pao-pao	28
Tidak Rawan - Mattirowalie	1911	Sangat Rawan - Pattappa	1021
Tidak Rawan - Pao-pao	523	Sangat Rawan - Pujananting	237
Tidak Rawan - Pattappa	3552	Sangat Rawan - Sumpang Binangae	7
Tidak Rawan - Pujananting	663	Sangat Rawan - Tanete	0
Tidak Rawan - Sumpang Binangae	141	Sangat Rawan - Tellumpanua	9
Tidak Rawan - Tanete	105	Sangat Rawan - Tuwung	1
Tidak Rawan - Tellumpanua	437	Rawan - Anabanua	56
Tidak Rawan - Tuwung	2147	Rawan - Bacu-bacu	1021
Agak Rawan - Anabanua	293	Rawan - Coppo	1
Agak Rawan - Bacu-bacu	293	Rawan - Garessi	14
Agak Rawan - Coppo	13	Rawan - Harapan	648
Agak Rawan - Garessi	6	Rawan - Jangan-jangan	135
Agak Rawan - Harapan	1151	Rawan - Kading	54
Agak Rawan - Jangan-jangan	200	Rawan - Lempang	34
Agak Rawan - Kading	197	Rawan - Libureng	33
Agak Rawan - Lalolang	0	Rawan - Lipukasi	30
Agak Rawan - Lempang	43	Rawan - Lompo Riaja	157
Agak Rawan - Libureng	87	Rawan - Lompo Tengah	32
Agak Rawan - Lipukasi	45	Rawan - Mattirowalie	344
Agak Rawan - Lompo Riaja	316	Rawan - Pao-pao	6
Agak Rawan - Lompo Tengah	128	Rawan - Pattappa	1176
Agak Rawan - Mattirowalie	345	Rawan - Pujananting	281
Agak Rawan - Pao-pao	35	Rawan - Sumpang Binangae	1
Agak Rawan - Pattappa	1034	Rawan - Tanete	0
Agak Rawan - Pujananting	175	Rawan - Tellumpanua	2
Agak Rawan - Sumpang Binangae	8	Rawan - Tuwung	6
Agak Rawan - Tanete	0		
Agak Rawan - Tellumpanua	8		
Agak Rawan - Tuwung	9		

LAMPIRAN 6

Hasil Analisis Binary Logistic Regression

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	304.070	7	.000
	Block	304.070	7	.000
	Model	304.070	7	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	196.311^a	.547	.751

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	10.491	8	.232

Contingency Table for Hosmer and Lemeshow Test

		Longsor = .00		Longsor = 1.00		
		Observed	Expected	Observed	Expected	Total
Step 1	1	39	38.958	0	.042	39
	2	39	38.843	0	.157	39
	3	38	37.606	0	.394	38
	4	36	37.588	3	1.412	39
	5	36	34.382	2	3.618	38
	6	29	29.713	9	8.287	38
	7	21	18.632	17	19.368	38
	8	4	7.918	34	30.082	38
	9	5	2.372	33	35.628	38
	10	0	.990	39	38.010	39

Classification Table[a]

			Predicted		
			Longsor		Percentage
	Observed		.00	1.00	Correct
Step 1	Longsor	.00	224	23	90.7
		1.00	21	116	84.7
	Overall Percentage				88.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	CH	.840	.413	4.133	1	.042	2.317	1.031	5.211
	Sungai	-.224	.222	1.019	1	.313	.799	.517	1.235
	LU	-.809	.110	53.946	1	.000	.445	.359	.553
	Litologi	.252	.086	8.712	1	.003	1.287	1.088	1.522
	Lereng	2.332	.281	69.105	1	.000	10.298	5.943	17.846
	Tanah	-.712	1.065	.447	1	.504	.490	.061	3.955
	Tekstur	-.060	.096	.391	1	.532	.942	.781	1.136
	Constant	-6.402	2.741	5.454	1	.020	.002		

a. Variable(s) entered on step 1: CH, Sungai, LU, Litologi, Lereng, Tanah, Tekstur.

ROC Curve
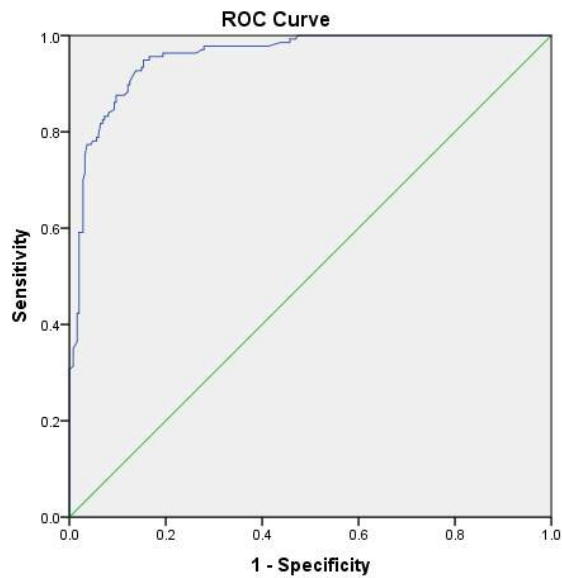
Diagonal segments are produced by ties.

Area Under the Curve

Test Result Variable(s):   Predicted probability

			Asymptotic 95% Confidence Interval	
Area	Std. Error[a]	Asymptotic Sig.[b]	Lower Bound	Upper Bound
.956	.010	.000	.937	.975

The test result variable(s): Predicted probability has at least one tie between the positive actual state group and the negative actual state group. Statistics may be biased.

a. Under the nonparametric assumption

b. Null hypothesis: true area = 0.5

LAMPIRAN 7

Kode Profil	:	01
Tanggal Pengamatan	:	22 Juni 2020
Titik Longsor	:	4°35'10.9''LS dan 119°41'144''BT
Kemiringan	:	25-45%
Bahan Induk	:	Sedimen Klastik Halus
Formasi Batuan	:	Formasi Malawa (Tem)
Jenis Tanah	:	Inceptisols
Kedalaman Solum	:	210 cm
Kedalaman Afektif	:	100 cm

Kode Profil	:	02
Tanggal Pengamatan	:	4 Juli 2020
Titik Longsor	:	4°38'23.5''LS dan 119°43'44.3''BT
Kemiringan	:	25 - 45%
Bahan Induk	:	Sedimen Klastik
Formasi Batuan	:	Formasi Balangbaru (Kb)
Jenis Tanah	:	Inceptisols
Kedalaman Solum	:	150 cm
Kedalaman Afektif	:	90 cm

Kode Profil   :   03

Kode Profil	:	03
Tanggal Pengamatan	:	22 Juni 2020
Titik Longsor	:	4°37'29.5''LS dan 119°41'129''BT
Kemiringan	:	25 – 45 %
Bahan Induk	:	Beku Basa
Formasi Batuan	:	Kompleks Bancuh Bantimala (Ub)
Jenis Tanah	:	Inceptisols
Kedalaman Solum	:	150 cm
Kedalaman Afektif	:	100 cm

Kode Profil	:	04
Tanggal Pengamatan	:	22 Juni 2020
Titik Longsor	:	4°33'36.3''LS dan 119°45'52.6''BT
Kemiringan	:	15- 25%
Bahan Induk	:	Sedimen Klastik Halus
Formasi Batuan	:	Formasi Camba (Tmcv)
Jenis Tanah	:	Inceptisols
Kedalaman Solum	:	130 cm
Kedalaman Afektif	:	40 cm

Kode Profil   :   05
Tanggal Pengamatan   :   22 Juni 2020
Titik Longsor   :   4°33'24.3''LS dan 119°46'01.6''BT
Kemiringan   :   25 - 45%
Bahan Induk   :   Batuan Sedimen
Formasi Batuan   :   Formasi Camba (Tmcv)
Jenis Tanah   :   Inceptisols
Kedalaman Solum   :   150 cm
Kedalaman Afektif   :   65 cm

Kode Profil   :   06
Tanggal Pengamatan   :   4 Juli 2020
Titik Longsor   :   4°34'55.1''LS dan 119°43'47.6''BT
Kemiringan   :   25 - 45%
Bahan Induk   :   Batuan Sedimen Klastik
Formasi Batuan   :   Formasi Tonasa (Temt)
Jenis Tanah   :   Inceptisols
Kedalaman Solum   :   200 cm
Kedalaman Afektif   :   50 cm

Kode Profil	:	07
Tanggal Pengamatan	:	4 Juli 2020
Titik Longsor	:	4°38'10.3''LS dan 119°43'41.2''BT
Kemiringan	:	15 - 25%
Bahan Induk	:	Batuan Sedimen Klastik
Formasi Batuan	:	Formasi Malawa (Tem)
Jenis Tanah	:	Inceptisols
Kedalaman Solum	:	50 cm
Kedalaman Afektif	:	30 cm

Kode Profil	:	08
Tanggal Pengamatan	:	4 Juli 2020
Titik Longsor	:	4°37'33''LS dan 119°43'47.9''BT
Kemiringan	:	25 – 45 %
Bahan Induk	:	Batuan Sedimen Klastik Halus
Formasi Batuan	:	Tonasa (Temt)
Jenis Tanah	:	Inceptisols
Kedalaman Solum	:	200 cm
Kedalaman Afektif	:	100 cm

Kode Profil	:	09
Tanggal Pengamatan	:	4 Juli 2020
Titik Longsor	:	4°36'07.8''LS dan 119°44'55.6''BT
Kemiringan	:	25 – 45 %
Bahan Induk	:	Batuan Sedimen Klastik Halus
Formasi Batuan	:	Tonasa (Temt)
Jenis Tanah	:	Inceptisols
Kedalaman Solum	:	200 cm
Kedalaman Afektif	:	110 cm

Kode Profil	:	10
Tanggal Pengamatan	:	4 Juli 2020
Titik Longsor	:	4°36'07.6''LS dan 119°45'48.9''BT
Kemiringan	:	25 – 45 %
Bahan Induk	:	Batuan Sedimen Klastik Halus
Formasi Batuan	:	Tonasa (Temt)
Jenis Tanah	:	Inceptisols
Kedalaman Solum	:	200 cm
Kedalaman Afektif	:	150 cm

LAMPIRAN 8

Nilai NDVI

No.	Sebelum Longsor	Setelah Longsor	No.	Sebelum Longsor	Setelah Longsor
1	0.817209	0.567352	70	0.806097	0.237829
2	0.744021	0.220779	71	0.671114	0.289266
3	0.816145	0.386323	72	0.748303	0.48608
4	0.451106	0.169405	73	0.755498	0.510158
5	0.685006	0.266357	74	0.747934	0.595785
6	0.800732	0.337154	75	0.818235	0.392942
7	0.716626	0.410709	76	0.829583	0.379524
8	0.761371	0.298895	77	0.755245	0.314444
9	0.661218	0.229079	78	0.802068	0.280374
10	0.824035	0.349077	79	0.735509	0.227191
11	0.696543	0.225627	80	0.729032	0.278338
12	0.769378	0.299822	81	0.65936	0.244468
13	0.703226	0.249121	82	0.674098	0.220519
14	0.794681	0.372385	83	0.615431	0.231722
15	0.785194	0.290731	84	0.353213	0.145854
16	0.767085	0.345102	85	0.744703	0.236492
17	0.733958	0.267451	86	0.684672	0.273408
18	0.665669	0.402081	87	0.799382	0.132044
19	0.702306	0.190205	88	0.750561	0.303682
20	0.719262	0.337516	89	0.702311	0.408971
21	0.687407	0.128686	90	0.673169	0.220141
22	0.724913	0.257143	91	0.747003	0.280999
23	0.754513	0.271468	92	0.803538	0.221271
24	0.758925	0.289522	93	0.79243	0.381841
25	0.677442	0.380552	94	0.692238	0.250463
26	0.802717	0.317365	95	0.573016	0.181402
27	0.705969	0.290094	96	0.628274	0.157328
28	0.698839	0.158842	97	0.74269	0.562887
29	0.741268	0.309144	98	0.775415	0.33158
30	0.67245	0.394422	99	0.801361	0.580786
31	0.680551	0.231399	100	0.74513	0.298452
32	0.792863	0.294242	101	0.769209	0.453996
33	0.728428	0.232721	102	0.74372	0.459571
34	0.786298	0.41886	103	0.605358	0.382194
35	0.739852	0.240589	104	0.714188	0.278042
36	0.671972	0.303774	105	0.766276	0.468652
37	0.80091	0.363962	106	0.710155	0.203573
38	0.792172	0.401911	107	0.59907	0.263393
39	0.641843	0.204235	108	0.683476	0.373617
40	0.663176	0.459257	109	0.754826	0.48253
41	0.64142	0.219099	110	0.618721	0.325276

42	0.702082	0.270763	111	0.760703	0.45488
43	0.76235	0.286441	112	0.718634	0.583115
44	0.765924	0.352584	113	0.63571	0.399442
45	0.703385	0.221308	114	0.7918	0.53043
46	0.642487	0.208205	115	0.627663	0.391069
47	0.675259	0.211947	116	0.661695	0.315998
48	0.773556	0.309681	117	0.737646	0.477688
49	0.726283	0.26506	118	0.548196	0.243636
50	0.655582	0.222879	119	0.524551	0.281111
51	0.742492	0.310677	120	0.490388	0.219027
52	0.684443	0.179487	121	0.664295	0.368028
53	0.68864	0.282514	122	0.510153	0.228397
54	0.690157	0.38959	123	0.682997	0.21171
55	0.800666	0.324852	124	0.726363	0.225843
56	0.704148	0.411143	125	0.772229	0.309874
57	0.758427	0.272727	126	0.56771	0.14951
58	0.718826	0.285426	127	0.690086	0.531188
59	0.755291	0.239689	128	0.535303	0.236793
60	0.71029	0.26534	129	0.724042	0.457857
61	0.749701	0.303125	130	0.702394	0.291731
62	0.763591	0.511968	131	0.777199	0.534026
63	0.792548	0.371382	132	0.765669	0.342091
64	0.612074	0.180305	133	0.69409	0.234471
65	0.811946	0.443872	134	0.743845	0.324552
66	0.753593	0.15625	135	0.773078	0.111022
67	0.761506	0.168429	136	0.704521	0.280085
68	0.697329	0.259719	137	0.783608	0.309492
69	0.716718	0.305801			