

$\frac{\theta - \theta_r}{\theta_s - \theta_r} = \frac{1}{\left[1 + (\alpha h)^n\right]^m}$		$\frac{\theta - \theta_r}{\phi - \theta_r} = \begin{cases} \begin{pmatrix} \\ \end{pmatrix} \end{cases}$
	and the second	

a clay texture and organic matter content (k lik density, gravel and salinity. e effects (

vegetation were collected by means of 52 phytosociological releves (4 x 4 m) according (2010) was used to obtain information on

alysis of climatic and soil water balance

i climate data from the weather station of S the soil water balance was obtained using





Hydrological characteristics of the soil of a degraded area: comparison between physical, chemical and floristic-vegetational analysis





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								5.00
Soil sample	O.C. (%)	CaCO₃ (g/Kg)	Salinity (ds/m)	Sand (%)	Clay (%)	Silt (%)	Depth (cm)	available water (%)
6	1,94	130,2	0,197	21,9	12,3	65,8	55	
13	4,13	147,7	0,212	17,5	12,9	69,6	30	25,00
16	4,14	190,4	0,152	27,9	12,3	59,8	60	
18	2,17	121,9	0,338	17,5	19,7	62,8	47	
21	1,67	38,5	0,232	11,5	14,7	73,8	30	measured data mean of PTFs
25	1,04	134,8	0,167	12,2	12,4	75,4	62	PTFs RMSE46% Pedotransfer fu PPTFs RMSE215%
33	1,35	57,4	0,196	10,3	14,7	75	32	SPAW
38	1,92	229,8	0,130	33,3	12,5	54,2	45	
39	4,10	266,7	0,288	16,7	16,8	66,5	47	
45	2,35	138,1	0,252	25	12,3	62,7	47	
47	2,68	59,9	0,136	18	9,8	72,2	50	
51	3,63	128,9	0,248	17,8	12,3	69,9	40	
Table 1. Ph	ysico-chemi	ical charac	teristics of	soils.	2)-36	と言	C - 1 8	Fig 2. Water available in the soil.















