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(r = / )

(r = / )

(r = / )

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(FAO, 1984)

(1965) Zadeh

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(FAO, 1976)

(r)

Prakash .

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S

(2003)

(kandel)

(Cauchy)

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(MCE)

(IVA)

(AHP)

(Fuzzy AHP)

(Tang et al., 1992; Van Ranst et al., 1996)

(2007) Sanchez

(Tang et al., 1991; Tang et al., 1992; Van Ranst

et al., 1996 )

ALES

(1991) Tang et al.

AHP

(r= / )

(r= / )

(1992) Tang et al.

(r= / )

(r= / )

(r= / )

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(1996) Van Ranst et al.

(2010)

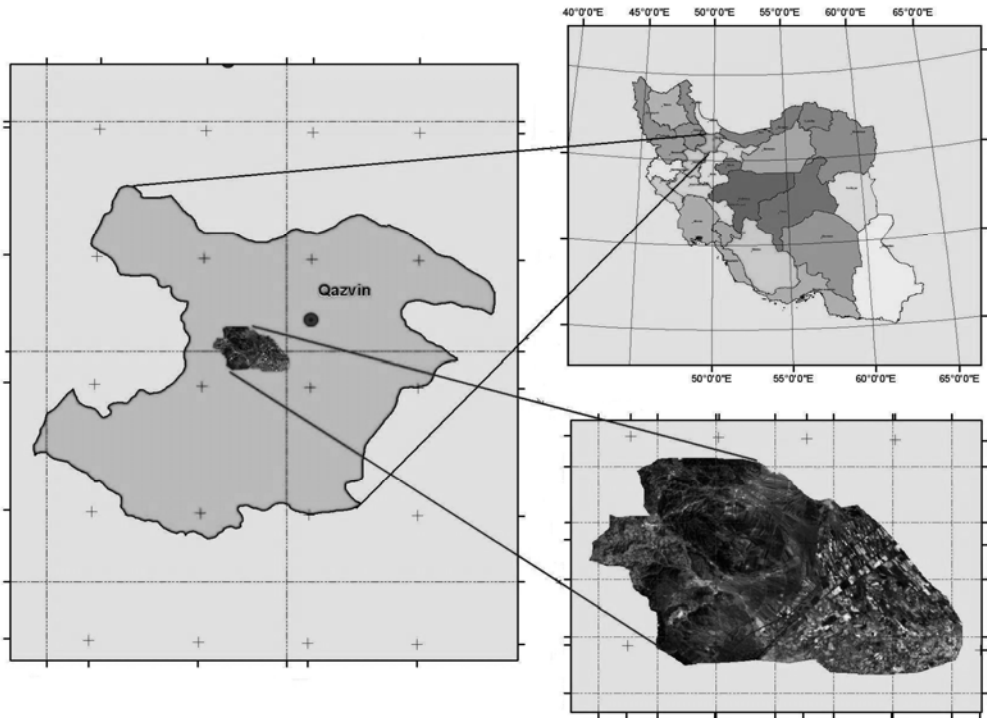
GPS

(USDA, 1998) Field Book For Describing and  
Sampling soils

(USDA, 2010)

( )

( ) (Sys, (1985)



(cm ) ( ) ]  
(Cmol<sup>+</sup>kg<sup>-1</sup> )

( )

(dSm<sup>-1</sup>)

(SAR)

[( ) ( )]

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/ / /

/ /

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( )

(Storie)

( ) (Stepwise)

(Sys et al., 1991)

( ) (Tang et al., 1991)

(

( ) (dSm<sup>-1</sup>)

/ / /

(AHP)

(R) (Characteristic Matrix)

$$S(x; \alpha, \beta, \gamma) = \begin{cases} 0, & x \in (-\infty, \alpha) \\ 2\left(\frac{x-\alpha}{\gamma-\alpha}\right)^2, & x \in [\alpha, \beta) \\ 1 - 2\left(\frac{x-\gamma}{\gamma-\alpha}\right)^2, & x \in [\beta, \gamma) \\ 1, & x \in [\gamma, +\infty) \end{cases} \quad ( )$$

AHP

$$MFx = \begin{cases} 1/[1 + \left(\frac{(x-b_1)}{d}\right)^2], & x < b_1 \\ 1, & b_1 \leq x \leq b_2 \\ 1/[1 + \left(\frac{(x-b_2)}{d}\right)^2], & x > b_2 \end{cases} \quad ( )$$

(weight

Saaty

(1994) Davidson et al.

(W) matrix)

(1980)

( )

A

B

A

B

Zheng et al. (1989)

Tang et al. (1991)



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(1980) Saaty

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Van Ranst et al  
(2007) Sanchez

Burrough (1989)  
(1996)

(2003) Prakash (1992) Tang et al.

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Expert

11.5 Choice

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AHP

AHP

(w) = [0.33 0.026 0.035 0.136 0.213 0.114 0.077 0.056]

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(r = / )

(r = / )

(r = / )

(1991) Tang et al.

ماتریس اوزان (w) = [0.382 0.778 0.737]

Tang et al. (1991)

(r = / )

(r = / )

Van Ranst et al (1996).

(r)

AHP

درصد شیب	SAR	EC(dSm <sup>-1</sup> )	%OC	CEC (cmol <sup>+</sup> kg <sup>-1</sup> )	درصد آهک	عمق خاک (cm)	درصد سنگریزه	معیارها
/	/	/	/	/	/	/	/	درصد سنگریزه
/	/	/	/	/	/	/	/	عمق خاک (cm)
/	/	/	/	/	/	/	/	درصد آهک
/	/	/	/	/	/	/	/	CEC (cmol <sup>+</sup> kg <sup>-1</sup> )
/	/	/	/	/	/	/	/	%OC
/	/	/	/	/	/	/	/	EC(dSm <sup>-1</sup> )
/	/	/	/	/	/	/	/	SAR
/	/	/	/	/	/	/	/	درصد شیب

SAR	EC(dSm <sup>-1</sup> )	%OC	CEC (cmol <sup>+</sup> kg <sup>-1</sup> )	(cm)	
/	/	/	/	/	/
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(AHP)

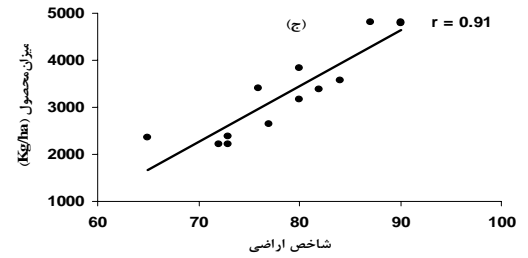
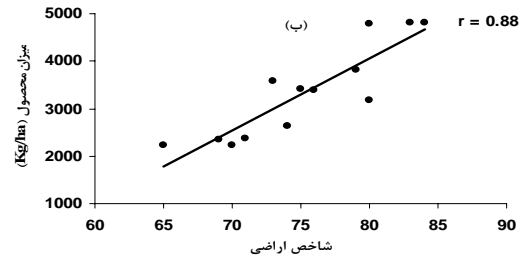
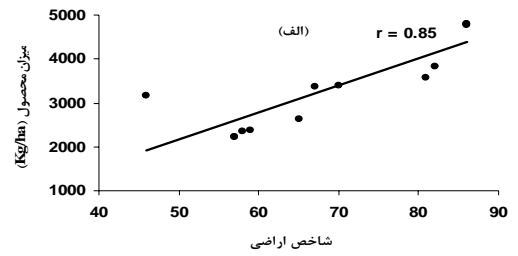
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S1	S1	S2	/
S2	S2	S2	/
S2	S2	S2	/
S2	S2	S2	/
S2	S2	S2	/
S3	S2	S2	/
S3	S2	S2	/
S1	S1	S2	/
S2	S2	S2	/
S3	S2	S2	/
S3	S2	S2	/
S1	S1	S2	/
S3	S2	S2	/

( )



( )

(AHP

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(Stepwise)

(1996) Van Ranst et al. Tang et al. (1992)

(2007) Sanchez

AHP

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( $r = / *$ )

( $r = / *$ )

( $r = / *$ )

(Burrough et al., 1992)

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