

COMPENSATING FOR  
WETLAND LOSSES  
UNDER THE CLEAN  
WATER ACT

NATIONAL RESEARCH COUNCIL

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Appendix H

Selected Attributes of  
40 Common Wetland  
Functional Assessment Procedures

TABLE H-1 Selected Attributes of 40 Common Wetland Functional Assessment Procedures

Assessment Procedure <sup>1</sup>	Scale <sup>2</sup> Non-tidal	Habitat Type <sup>3</sup>	Functions <sup>4</sup>	Social Values, Red Flags	Weighting Applied	Scaled by Area	Functional Categories Assessed <sup>5</sup>	Method Description <sup>7</sup>	Factor Measured <sup>8</sup>	Number States Where Used <sup>9</sup>
AREM	SS	TW	HA	+	+	+	AV,HS,SC	M	I	3
Coastal method	SS,WS	NT	HY,WQ,HA	+			F	M	Q	3
CT method	SS	TW	HY,WQ,HA	+		+	FV	M	Q	3
Descriptive approach	SS	NT,TW	HY,WQ,HA	+		+	FV	L	Q	3
EPW	SS	NT,TW	HY,WQ,HA	+		+	F	M	Q	5
HAT	SS	NT,TW	HA	+		+	HQ	M	E	5
HEP	SS	NT,TW,UP	HA	+		+	HS	M	BS	3
HGM approach	SS	NT,TW	HY,WQ,HA	+		+	F	M	V	50
Hollands-Magee method	SS	TW	HY,WQ,HA	+		+	F	M	V	6
IBI	SS,LS	NT,TW,UP	5	+		+	BC	M	E	8
Interim HGM	SS	NT,TW	HY,WQ,HA	+		+	F	M	V	5
IVA	SS	NT,TW	HY,WQ,HA	+		+	FV	M	V	9
Larson method	SS	NT	HY,WQ,HA	+		+	RF	M	V	2
MDE method	SS	NT	HY,HA	+		+	RF	C	C,V	11
ME Tidal method	SS	NT	HA	+		+(?)	F	M	I	1
MNRAM	SS,WS	TW	HA	+		+	EL,F,V	M	Q	1
MT form	SS	NT	HY,WQ,HA	+		+	F	L	Q	1
NBM	SS	NT	HY,WQ,HA	+		+	FV	M	FM	1
NC-CREWS	LS	TW	HY,WQ,HA	+		+	EH,TR	L	Q	4
NC guidance	SS	NT	HY,WQ,HA	+		+	SF,F,ES	M	V	1
NEFWBP	SS	NT	HY,WQ,HA	+		+	FV	FC	F	2
NH method	SS	NT	WQ(?),HA	+		+	BI	M	I,M	6
NJ watershed method	LS	NT	HY,WQ,HA	+		+	FV	M	Q	7
OFWAM	SS	NT	HY,WQ,HA	+		+(?)	EL,P	M	I	1
PAM HEP	SS	NT	HY,WQ,HA	+		+	F	AC	Q	2
PFC	SS	NT,TW,UP	HA	+		+	HS	M	V	3
RA	SS	NT,TW,UP	HY,WQ,HA	+		+	PFC	CL	E	15
Rapid Assessment Procedure	WS	NT,TW	HY,WQ,HA	+		+	FV	BPJ	CL	10
Synoptic Approach	LS	NT	HY,WQ,HA	+		+	F	M	V	15
VIMS Method	SS	NT,TW,UP	HY,WQ,HA	+		+	F,V,FL,RP	M	I	15
WAFAM	SS	NT,TW	HY,WQ,HA	+		+	F	L	F	2
WACHE	SS,LS	NT,TW	HY,WQ,HA	+		+	F	M	V	1
WET	SS	NT,TW	HY,WQ,HA	+		+	PS,TS,NR	M	V	1
WETHINGS	SS	NT,TW	HA	+		+	FV	L	Q	50
WHAMS	SS	NT,TW,UP	HA	+		+	HP	M	Q	7
WHAP	SS	NT,TW,UP	HA	+		+	HS	M	V	1
WI RAM	SS	NT	IY,WQ,HA	+		+	HQ	FC	E	1
WQI	SS	NT	HY,WQ,HA	+		+	FV	L	Q	5(?)
WRAP	SS	NT,TW	HY,WQ,HA	+		+	WQ	EM	V	1
WVA	SS	NT,TW	HA	+		+	F	RI	V	1
							HS	M	V	1

IAREM = Avian Richness Evaluation Method (Adamus 1994); Coastal Method (Cook et al. 1993); CT Method = Connecticut Method (Ammann et al. 1996); Descriptive Method = Wetland Functions and Values: A Descriptive Method (USACE 1995); EPW = Evaluation for Planned Wetlands (Bartoldus et al. 1994); HAT = Habitat Assessment Technique (Cable et al. 1989); HEP = Habitat Evaluation Procedure (USFWS 1980); HGM Approach = Hydrogeomorphic Approach (Smith et al. 1995); Hollands-Magee Method = A Method for Assessing the Functions of Wetlands (Hollands and Magee 1985); IBI = Index of Biological Integrity (Karr 1981); Interim HGM (NRCS 1997); IVA = Indicator Value Assessment (Frubby

