

WETLAND INVENTORY DATA (continued)

PART 2 - CHARACTERIZATION of MODEL VARIABLES

LANDSCAPE VARIABLES	
Size:	
<input type="checkbox"/> Small (<10 acres)	
<input type="checkbox"/> Medium (10-100 acres)	
<input type="checkbox"/> Large (>100 acres)	
Wetland Juxtaposition:	
<input type="checkbox"/> Connected Upstream and Downstream	
<input type="checkbox"/> Only Connected Above	
<input type="checkbox"/> Only Connected Below	
<input type="checkbox"/> Other Wetlands Nearby but not Connected	
<input type="checkbox"/> Wetland Isolated	
Fire Occurrence and Frequency:	
<input type="checkbox"/> Natural; Predictable Frequency	
<input type="checkbox"/> Natural; Sporadic Frequency	
<input type="checkbox"/> Human-caused; Predictable	
<input type="checkbox"/> Human-caused; Sporadic	
<input type="checkbox"/> Rare Event	
<input type="checkbox"/> No Evidence	
Regional Scarcity:	
<input type="checkbox"/> Not Scarce (>5% of total wetland area of region)	
<input type="checkbox"/> Scarce (<5% of total wetland area of region)	
Watershed Land Use:	
<input type="checkbox"/> > 50% urbanized	
<input type="checkbox"/> 25-50% urbanized	
<input type="checkbox"/> 0-25% urbanized	

HYDROLOGIC VARIABLES	
Surface Water Level Fluctuation of Wetland:	
<input type="checkbox"/> High Fluctuation	
<input type="checkbox"/> Low Fluctuation	
<input type="checkbox"/> Never Inundated	
Frequency of Overbank Flooding:	
<input type="checkbox"/> Return Interval > 5 yrs.	
<input type="checkbox"/> Return Interval 2-5 yrs.	
<input type="checkbox"/> Return Interval 1-2 yrs.	
<input type="checkbox"/> No Overbank Flooding	
pH:	
<input type="checkbox"/> Acid <5.5	
<input type="checkbox"/> Circumneutral 5.5-7.4	
<input type="checkbox"/> Alkaline >7.4	
<input type="checkbox"/> No Water	
Surficial Geologic Deposit Under Wetland	
<input type="checkbox"/> Low Permeability Stratified Deposits	
<input type="checkbox"/> High Permeability Stratified Deposits	
<input type="checkbox"/> Glacial Till	
Wetland Land Use:	
<input type="checkbox"/> High Intensity (i.e. agriculture)	
<input type="checkbox"/> Moderate Intensity (i.e. forestry)	
<input type="checkbox"/> Low Intensity (i.e. open space)	
Wetland Water Regime:	
<input type="checkbox"/> Wet: Perm Flooded, Intermittently Exposed, Semiperm. Flooded	
<input type="checkbox"/> Drier: Seasonally Flooded, Temporarily Flooded, Saturated	
Basin Topographic Gradient:	
<input type="checkbox"/> High Gradient >2%	
<input type="checkbox"/> Low Gradient <2%	
Degree of Outlet Restriction:	
<input type="checkbox"/> Restricted Outflow	
<input type="checkbox"/> Unrestricted Outflow	
<input type="checkbox"/> No Outflow	
Ratio of Wetland Area to Watershed Area:	
<input type="checkbox"/> High >10%	
<input type="checkbox"/> Low <10%	

Microrelief of Wetland Surface:	
<input type="checkbox"/> Pronounced >45 cm	
<input type="checkbox"/> Well Developed 15-45 cm	
<input type="checkbox"/> Poorly Developed <15 cm	
<input type="checkbox"/> Absent	
Inlet/Outlet Class:	
<input type="checkbox"/> No Inlet/No Outlet	
<input type="checkbox"/> No Inlet/Intermittent Outlet	
<input type="checkbox"/> No Inlet/Perennial Outlet	
<input type="checkbox"/> Intermittent Inlet/No Outlet	
<input type="checkbox"/> Intermittent Inlet/Intermittent Outlet	
<input type="checkbox"/> Intermittent Outlet/Perennial Outlet	
<input type="checkbox"/> Perennial Inlet/No Outlet	
<input type="checkbox"/> Perennial Inlet/Intermittent Outlet	
<input type="checkbox"/> Perennial Inlet/Perennial Outlet	
Nested Piezometer Data:	
<input type="checkbox"/> Recharge	
<input type="checkbox"/> Discharge	
<input type="checkbox"/> Horizontal Flow	
<input type="checkbox"/> Not Available	
Relationship of Wetlands' Substrate Elevation to Regional Piezometric Surface:	
<input type="checkbox"/> Piez. Surface Above or at Substrate elev.	
<input type="checkbox"/> Piez. Surface below Substrate elev.	
<input type="checkbox"/> Not Available	
Evidence of Sedimentation:	
<input type="checkbox"/> No Evidence Observed	
<input type="checkbox"/> Sediment Observed on Wetland Substrate	
<input type="checkbox"/> Fluvaquent Soils	
Evidence of Seeps and Springs:	
<input type="checkbox"/> No Seeps or Springs	
<input type="checkbox"/> Seeps Observed	
<input type="checkbox"/> Perennial Spring	
<input type="checkbox"/> Intermittent Spring	

SOIL VARIABLES	
Soil Lacking:	
<input type="checkbox"/>	
Histosol:	
<input type="checkbox"/> Fibric	
<input type="checkbox"/> Hemic	
<input type="checkbox"/> Sapric	
Mineral Hydric Soil:	
<input type="checkbox"/> Gravelly	
<input type="checkbox"/> Sandy	
<input type="checkbox"/> Silty	
<input type="checkbox"/> Clayey	

VEGETATION VARIABLES	
Vegetation Lacking:	
<input type="checkbox"/>	
Dominant Wetland Type:	
<input type="checkbox"/> Forested - Evergreen - Needle-leaved	
<input type="checkbox"/> Forested - Deciduous - Broad-leaved	
<input type="checkbox"/> Forested - Deciduous - Needle-leaved	
<input type="checkbox"/> Scrub Shrub - Evergreen - Broad-leaved	
<input type="checkbox"/> Scrub Shrub - Evergreen - Needle-leaved	
<input type="checkbox"/> Scrub Shrub - Deciduous - Broad-leaved	
<input type="checkbox"/> Scrub Shrub - Deciduous - Needle-leaved	
<input type="checkbox"/> Emergent - Persistent	
<input type="checkbox"/> Emergent - Non-persistent	
<input type="checkbox"/> Aquatic Bed	

Number of Types & Relative Proportions:	
Number of Types	
<input type="checkbox"/> Actual #	
<input type="checkbox"/> 5	
<input type="checkbox"/> 4	
<input type="checkbox"/> 3	
<input type="checkbox"/> 2	
<input type="checkbox"/> 1	
Evenness of Distribution	
<input type="checkbox"/> Even Distribution	
<input type="checkbox"/> Moderately Even Distribution	
<input type="checkbox"/> Highly Uneven Distribution	
Vegetation Density/Dominance:	
<input type="checkbox"/> Sparse (0-20%)	
<input type="checkbox"/> Low Density (20-40%)	
<input type="checkbox"/> Medium Density (40-60%)	
<input type="checkbox"/> High Density (60-80%)	
<input type="checkbox"/> Very High Density (80-100%)	
Vegetative Interspersion:	
<input type="checkbox"/> High (small groupings, diverse and interspersed)	
<input type="checkbox"/> Moderate (broken irregular rings)	
<input type="checkbox"/> Low (large patches, concentric rings)	
Number of Layers and Percent Cover:	
Number of Layers	
<input type="checkbox"/> 6 or > (actual #)	
<input type="checkbox"/> 5	
<input type="checkbox"/> 4	
<input type="checkbox"/> 3	
<input type="checkbox"/> 2	
<input type="checkbox"/> 1	
% Cover	
1. submergents:	
2. floating:	
3. moss-lichen:	
4. short herb:	
5. tall herb:	
6. dwarf shrub:	
7. short shrub:	
8. tall shrub:	
9. sapling:	
10. tree:	
Plant Species Diversity:	
<input type="checkbox"/> Low 1-2 plots sampled	
<input type="checkbox"/> Medium 3-4 plots sampled	
<input type="checkbox"/> High 5 or more plots sampled	
Proportion of Animal Food Plants:	
<input type="checkbox"/> Low (5-25% cover)	
<input type="checkbox"/> Medium (25-50% cover)	
<input type="checkbox"/> High (>50% cover)	
Cover Distribution:	
<input type="checkbox"/> Continuous Cover	
<input type="checkbox"/> Small Scattered Patches	
<input type="checkbox"/> 1 or More Large Patches; Parts of Site Open	
<input type="checkbox"/> Solitary, Scattered Stems	
Dead Woody Material:	
<input type="checkbox"/> Abundant (>50 of wetland surface)	
<input type="checkbox"/> Moderately Abundant (25-50% of surface)	
<input type="checkbox"/> Low Abundance (0-25% of surface)	
Interspersion of Cover and Open Water:	
<input type="checkbox"/> 26-75% Scattered or Peripheral	
<input type="checkbox"/> >75% Scattered or Peripheral	
<input type="checkbox"/> <25% Scattered or Peripheral	
<input type="checkbox"/> 100% Cover or Open Water	
Stream Sinuosity:	
<input type="checkbox"/> Highly Convoluted (index 1.50 or >)	
<input type="checkbox"/> Moderately Convoluted (index 1.25-1.50)	
<input type="checkbox"/> Straight/Slightly Irreg. (index) 1.10-1.25	
Presence of Islands:	
<input type="checkbox"/> Several to Many	
<input type="checkbox"/> One or Few	
<input type="checkbox"/> Absent	

2.9.1 Modification of Ground Water Discharge

VARIABLES	CONDITIONS	HGM TYPES:	WEIGHTS			
			D	S	R	F
Indicators of Disfunction						
• Inlet/Outlet Class	• perennial inlet/no outlet		0	0	0	0
• Nested Piezometer Data	• recharge condition		0	0	0	0
• Relationship to Regional Piezometric Surface	• wetland substrate elevation above piezometric surface		0	0	0	0
Direct Indicators of Function						
• Presence of Springs and Seeps	• evidence of perennial seeps or springs		18	15	15	18
• Nested Piezometer Data	• discharge condition		18	15	15	18
• Relationship to Regional Piezometric Surface	• wetland substrate elevation below piezometric surface		18	15	15	18
• Inlet/Outlet Class	• no inlet/perennial outlet		18	15	15	18
Primary Variables						
• Microrelief of Wetland Surface	• pronounced		3	3	3	3
	• well developed		2	2	2	2
	• poorly developed		1	1	1	1
	• absent		0	0	0	0
• Inlet/Outlet Class	• perennial inlet/perennial outlet		3	3	0	3
	• intermittent inlet/perennial outlet		2	2	0	2
	• all other classes		0	0	0	0
• pH	• alkaline		3	3	3	3
	• circumneutral		2	2	2	2
	• acid		0	0	0	0
	• no water present		0	0	0	0
• Surficial Geologic Deposit Under Wetland	• high permeability stratified deposits		3	3	3	3
	• low permeability stratified deposits		2	2	2	2
	• glacial till		1	1	1	1
• Wetland Water Regime	• wet; permanently flooded, intermittently exposed, semipermanently flooded		3	0	3	3
	• drier; seasonally flooded, temporarily flooded, saturated		1	0	1	1

(continued)

2.9.1 Modification of Ground Water Discharge (Continued)

VARIABLES	CONDITIONS	HGM TYPES:	WEIGHTS			
			D	S	R	F
• Soil Type	• histosol		3	3	3	3
	• mineral hydric soil		1	1	1	1
			-	-	-	-
		Total Score:				
		Model Range:	3-18	2-15	3-15	3-18
		Functional Capacity Index:	Total			
			Score			
			18	15	15	18
		:				
		Index Range:	0.19-1.0	0.16-1.0	0.22-1.0	0.19-1.0

Note: This model can be applied to both year long and seasonal discharge wetlands.

If the wetland is seasonally fluctuating between recharge and discharge, then reduce the above score by one half (1/2), because the wetland only functions in a discharge mode for roughly half the year.

2.9.2 Modification of Ground Water Recharge

VARIABLES	CONDITIONS	HGM TYPES:	WEIGHTS				
			D	L	EP	R	F
Indicators of Disfunction							
• Inlet/Outlet Class	• no inlet/perennial outlet; intermittent inlet/perennial outlet		0				0
• Nested Piezometer Data	• discharge condition		0	0	0	0	0
• Relationship to Regional Piezometric Surface	• wetland substrate elevation above or at piezometric surface		0	0	0	0	0
• Presence of Seeps and Springs	• presence of seeps or springs		0	0	0	0	0

(continued)

2.9.2

Modification of Ground Water Recharge (Continued)

VARIABLES	CONDITIONS	HGM TYPES:	WEIGHTS				
			D	L	EP	R	F
Direct Indicators of Function							
• Inlet/Outlet Class	• perennial inlet/no outlet		21				21
• Nested Piezometer Data	• recharge condition		21				21
• Relationship to Regional Piezometric Surface	• wetland substrate elevation below piezometric surface		21				21
Primary Variables							
• Microrelief of Wetland Surface	• Poorly Developed		3	3	1	3	3
	• Absent		3	3	1	3	3
	• Well Developed		2	2	2	2	2
	• Pronounced		1	1	3	1	1
• Inlet/Outlet Class	• Perennial Inlet/Intermittent Outlet		3	0	0	0	3
	• All Other Classes		0	0	0	0	0
• pH	• Acid		3	3	3	3	3
	• Circumneutral		2	2	2	2	2
	• Alkaline		1	1	1	1	1
	• No water present		0	0	0	0	0
• Surficial Geologic Deposit Under Wetland	• Glacial Till		3	1	1	1	3
	• Low Permeability Stratified Deposits		2	2	2	2	2
	• High Permeability Stratified Deposits		1	3	3	3	1
• Surface Water Level Fluctuation of the Wetland	• High Fluctuation		3	3	0	3	3
	• Low Fluctuation		2	2	0	2	2
	• Never Inundated		1	1	0	1	1
• Wetland Water Regime	• Drier: Seasonally Flooded, Temporarily Flooded, Saturated		3	3	0	3	3
	• Wet: Permanently Flooded, Intermittently Exposed, Semipermanently Flooded		1	1	0	1	1
• Soil Type	• Gravelly or Sandy Mineral Hydric		3	3	0	3	3
	• Silty or Clayey Mineral Hydric		2	2	0	2	2
	• Sapric Histosol		1	1	0	1	1
	• Fibric or Hemic Histosol		0	0	3	0	0
Total Score:							
Model Range:			4-21	4-18	2-12	4-18	4-21
Functional Capacity Index:			Total Score 21	18	12	18	21
Index Range:			0.1-1.0	0.22-1.0	0.16-1.0	0.22-1.0	0.19-1.0

Note: This model should be applied to both year long and seasonal recharge wetlands.

If the wetland is seasonally fluctuating between recharge and discharge, then reduce the above score by one half (1/2), because the wetland only functions in a recharge mode for roughly half the year.

2.9.3 Storm and Flood-Water Storage

VARIABLES	CONDITIONS	HGM TYPES:	WEIGHTS					
			D	S	L	EP	R	F
Indicators of disfunction	none							
Direct Indicators of Function	no outlet		27	21				30
Primary Variables								
• Inlet/Outlet Class	• perennial inlet/intermittent outlet		3	3	0	0	0	3
	• intermittent inlet/intermittent outlet		2	2	0	0	0	2
	• no inlet/intermittent outlet		1	1	0	0	0	1
	• non inlet/perennial outlet		1	1	0	0	0	1
	• intermittent inlet/perennial outlet		1	1	0	0	0	1
	• perennial inlet/perennial outlet		1	1	0	0	0	1
• Degree of Outlet Restriction	• restricted		3	0	0	0	0	3
	• unrestricted		0	0	0	0	0	0
• Basin Topographic Gradient	• low gradient		3	3	0	3	3	3
	• high gradient		1	1	0	0	1	1
• Wetland Water Regime	• Drier: seasonally flooded, temporarily flooded, saturated		3	3	3	0	3	3
	• Wet: permanently flooded, intermittently exposed, semipermanently flooded		1	1	1	0	1	1
• Surface Water Level Fluctuation of the Wetland	• high fluctuation		3	0	3	0	3	3
	• low fluctuation		2	0	2	0	2	2
	• never inundated		0	0	0	0	0	0
• Ratio of Wetland Area to Watershed Area	• large		3	3	3	0	3	3
	• small		1	1	1	0	1	1
• Microrelief of Wetland Surface	• pronounced		3	3	3	3	3	3
	• well developed		2	2	2	2	2	2
	• poorly developed		1	1	1	1	1	1
	• absent		0	0	0	0	0	0
• Frequency of Overbank Flooding	• overbank flooding absent		0	0	0	0	0	0
	• return interval of >5 yrs		0	0	1	0	1	1
	• return interval of 2-5 yrs		0	0	2	0	2	2
	• return interval of 1-2 yrs		0	0	3	0	3	3
• Vegetation Density/Dominance	• high/very high		3	3	3	3	3	3
	• moderate		2	2	2	2	2	2
	• sparse/low		1	1	1	1	1	1
	• no vegetation		0	0	0	0	0	0

(continued)

2.9.3 Storm and Flood-Water Storage (Continued)

VARIABLES	CONDITIONS	HGM TYPES:	WEIGHTS					
			D	S	L	EP	R	F
• Dead Woody Material	• abundant		3	3	3	3	3	3
	• moderately abundant		2	2	2	2	2	2
	• sparse		1	1	1	1	1	1
	• absent		0	0	0	0	0	0
				—	—	—	—	—
Total Score:								
Model Range:			4-27	4-21	2-21	0-12	3-24	4-30
Functional Capacity Index:			Total					
			Score	—	—	—	—	—
			27	21	21	12	24	30
Index Range:			0.15-1.0	0.19-1.0	0.09-1.0	0-1.0	0.12-1.0	0.13-1.0

2.9.4 Modification of Stream Flow
(This model is identical for all HGM types)

VARIABLES	CONDITIONS	WEIGHTS				
Indicators of Disfunction	no outlet	0				
Direct Indicators of Function	none					
Primary Variables						
<u>Storm and Flood Water Storage</u>		<u>Modification of Groundwater</u>				
Function Model Score		Discharge Function Model Score				
High*	3	x	High	3	=	9
Mod	2	x	High	3	=	6
Low	1	x	High	3	=	3
High	3	x	Mod	2	=	6
Mod	2	x	Mod	2	=	4
Low	1	x	Mod	2	=	2
High	3	x	Low	1	=	3
Mod	2	x	Low	1	=	2
Low	1	x	Low	1	=	1
Total Score:						
Model Range: 1-9						
Functional Capacity Index: Total						
Score						
9						
Index Range: 0.11-1.0						

*High = FCI of 0.67-1.0, Mod = FCI of 0.34-0.66, Low = FCI of 0-0.33 for the Storm and Flood Water Storage and Modification of Ground Water Discharge Function Model Scores.

2.9.5 Modification of Water Quality

VARIABLES	CONDITIONS	HGM TYPES:	WEIGHTS					
			D	S	L	EP	R	F
Indicators of disfunction	none							
Direct Indicators of Function	evidence of sedimentation		18	15	12	12	12	18
Primary Variables								
• Wetland Land Use	• low intensity		3	3	3	3	3	3
	• moderate intensity		2	2	2	2	2	2
	• high intensity		1	1	1	1	1	1
• Degree of Outlet Restriction	• restricted outflow		3	0	0	0	0	3
	• no outlet		2	0	0	0	0	2
	• unrestricted outflow		1	0	0	0	0	1
• Inlet/Outlet Type	• no outlet		3	3	0	0	0	3
	• intermittent outlet		2	2	0	0	0	2
	• perennial outlet		1	1	0	0	0	1
• Dominant Wetland Type	• forested wetland		3	3	3	3	3	3
	• scrub-shrub		2	2	2	2	2	2
	• emergent wetland		2	2	2	2	2	2
	• aquatic bed		1	0	0	0	0	0
	• no vegetation		0	0	0	0	0	0
• Cover Distribution	• forming a continuous cover		3	3	3	3	3	3
	• growing in small scattered patches		2	2	2	2	2	2
	• one or more large patches		1	1	1	1	1	1
	• solitary scattered stems		1	1	1	1	1	1
	• no vegetation		0	0	0	0	0	0
• Soil Type	• histosol or clayey soil		3	3	3	3	3	3
	• silty soil		2	2	2	0	2	2
	• sandy or gravelly soil		1	1	1	0	1	1
			—	—	—	—	—	—
Total Score:								
Model Range:			4-18	3-15	2-12	1-12	2-12	4-18
Functional Capacity Index:								
			<u>Total Score</u>					
			18	15	12	12	12	18
Index Range:			0.22-1.0	0.20-1.0	0.16-1.0	0.8-1.0	0.16-1.0	0.22-1.0

2.9.6 Export of Detritus

VARIABLES	CONDITIONS	HGM TYPES:	WEIGHTS					
			D	S	L	EP	R	F
Indicators of disfunction	no outlet		0	0		0		0
Direct Indicators of Function	none							
Primary Variables								
• Wetland Land Use	• moderate intensity		3	3	3	3	3	3
	• low intensity		2	2	2	2	2	2
	• high intensity		1	1	1	1	1	1
• Degree of Outlet Restriction	• unrestricted outflow		3	0	0	0	0	3
	• restricted outflow		1	0	0	0	0	1
• Inlet/Outlet Class	• perennial outlet		3	3	0	0	0	3
	• intermittent outlet		1	1	0	0	0	1
• Wetland Water Regime	• drier: seasonally flooded, temporarily flooded, saturated		3	3	3	0	3	3
	• wet: permanently flooded, intermittently exposed, semipermanently flooded		1	1	1	1	1	1
• Vegetation Density/Dominance	• high/very high		3	3	3	3	3	3
	• medium		2	2	2	2	2	2
	• sparse/low		1	1	1	1	1	1
	• no vegetation		0	0	0	0	0	0
• Soil Type	• mineral hydric soil		3	3	3	3	3	3
	• histosol		1	1	1	1	1	1
			—	—	—	—	—	—
Total Score:								
Model Range:			5-18	4-15	3-12	2-10	3-12	5-18
Functional Capacity Index:								
			<u>Total Score</u>					
			18	15	12	10	12	18
Index Range:			0.27-1.0	0.26-1.0	0.25-1.0	0.20-1.0	0.25-1.0	0.27-1.0

2.9.7 Contribution to Abundance and Diversity of Wetland Vegetation
 (This model is identical for all HGM types)

VARIABLES		CONDITIONS	WEIGHTS
Indicators of Disfunction		no vegetation	0
Direct Indicators of Function		none	
Primary Variables			
•	Plant Species Diversity	<ul style="list-style-type: none"> • high diversity • medium diversity • low diversity 	5 3 1
•	Vegetation Density/Dominance	<ul style="list-style-type: none"> • high/very high • medium • sparse/low 	5 3 1
•	Wetland Juxtaposition	<ul style="list-style-type: none"> • connected upstream and downstream • connected above or below • other wetlands nearby but not connected (400 m or closer) • isolated 	5 3 1 <u>0</u>
Total Score:			
Model Range:			2-15
Functional Capacity Index:			= Total Score 15
Index Range:			0.13-1.0

2.9.8 Contribution to Abundance and Diversity of Wetland Fauna

(This model is identical for all HGM types except Slope Wetlands for which "Interspersion of Vegetation Cover and Open Water" does not apply))

VARIABLES	CONDITIONS	WEIGHTS
Direct Indicators of Disfunction	none	
Direct Indicators of Function	none	
Primary Variables		
● Watershed Land Use	● low intensity (0-25% urbanized)	3
	● moderate intensity (25-50% urbanized)	2
	● high intensity (> 50% urbanized)	1
● Wetland Land Use	● low intensity	3
	● moderate intensity	2
	● high intensity	1
● Wetland Water Regime	● wet: permanently flooded, intermittently exposed, semipermanently flooded	3
	● drier: seasonally flooded, temporarily flooded, saturated	1
● Microrelief of Wetland Surface	● pronounced	3
	● well developed	2
	● poorly developed	1
	● absent	0
● Number of Wetland types and Relative Proportions	● 5 or more types	3
	● 3-4 types	2
	● 1-2 types	1
	● no vegetation	0
	● even distribution	3
● Vegetation Interspersion	● moderately even distribution	2
	● highly uneven distribution	1
	● no vegetation	0
	● high interspersion	3
● Number of Layers and Percent Cover	● moderate interspersion	2
	● low interspersion	1
	● no vegetation	0
● Number of Layers and Percent Cover	● 5 or more layers	3
	● 3-4 layers	2
	● 1-2 layers	1
	● no vegetation	0
	● layers well developed (> 50% cover)	3
	● layers with moderate cover (26-50% cover)	2
	● layers poorly distinguishable (< 25% cover)	1
● no vegetation	0	

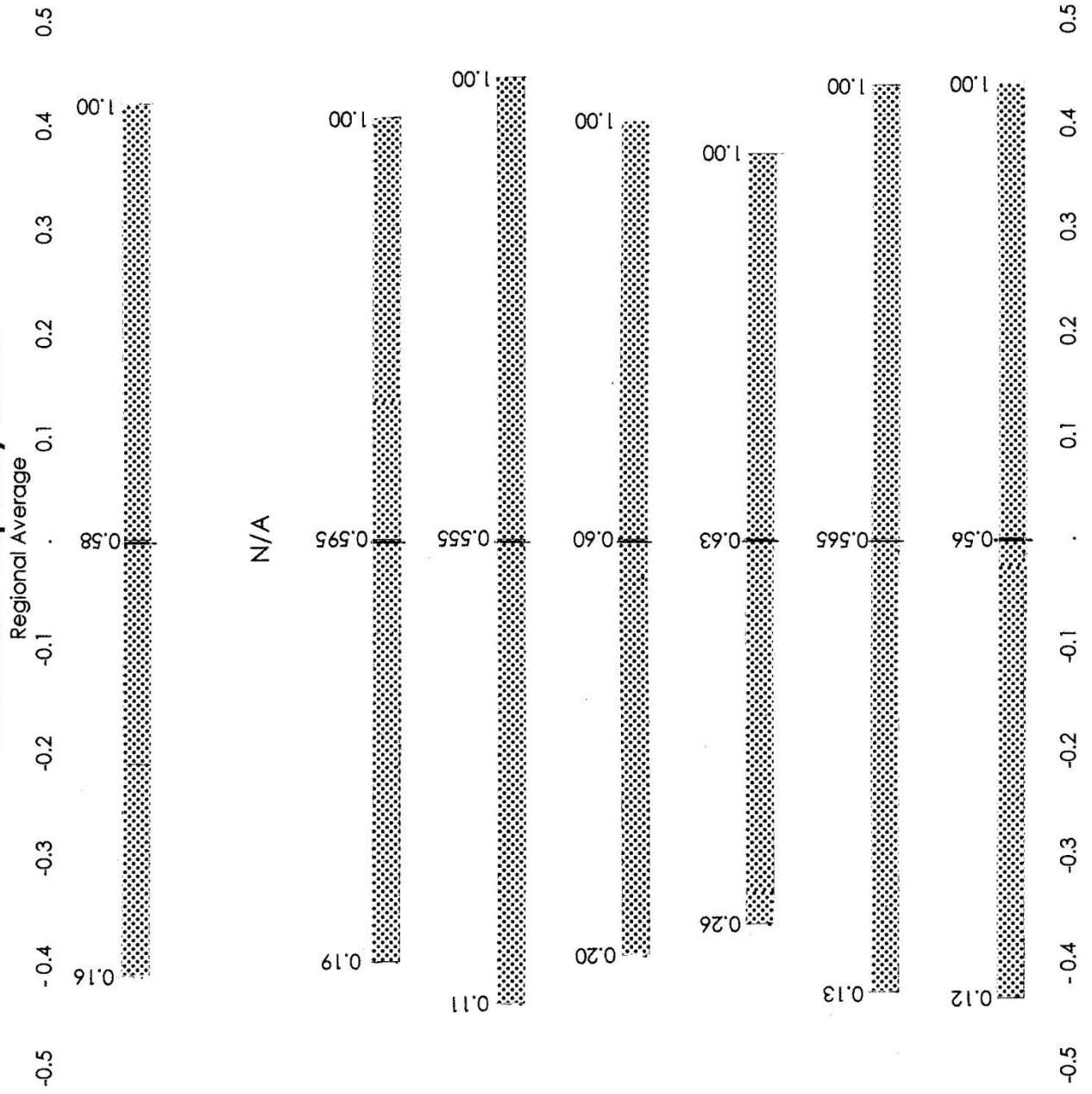
(continued)

2.9.8 Contribution to Abundance and Diversity of Wetland Fauna (Continued)

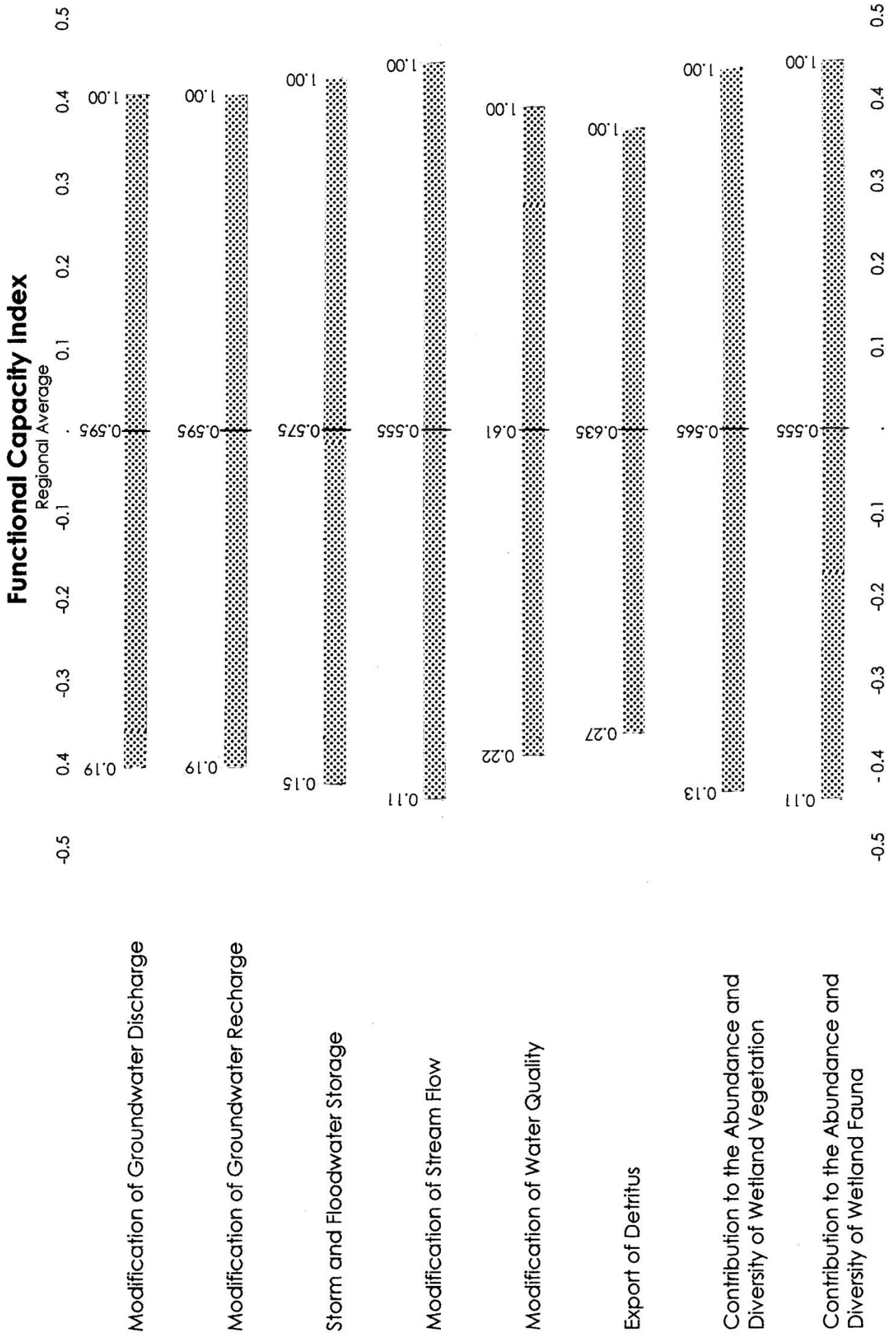
VARIABLES	CONDITIONS	WEIGHTS
● Interspersion of Vegetation Cover and Open Water	● 26-75% scattered or peripheral	3
	● >75% scattered or peripheral	2
	● <25% scattered or peripheral	1
	● 100% cover or open water	1
	● no vegetation	0
● Size	● large (> 100 acres)	3
	● medium (10-100 acres)	2
	● small (< 10 acres)	1
● Wetland Juxtaposition	● other wetlands within 400 m and connected above or below	3
	● other wetlands within 400 m but not connected	1
	● wetland isolated	0
Slope Wetlands:	All Other HGM Types:	Total Score:
Model Range: 4-33		Model Range: 4-36
Functional Capacity Index = $\frac{\text{Total Score}}{33}$		Functional Capacity Index = $\frac{\text{Total Score}}{36}$
Index Range: 0.12-1.0		Index Range: 0.11-1.0

SLOPING WETLAND

Functional Capacity Index



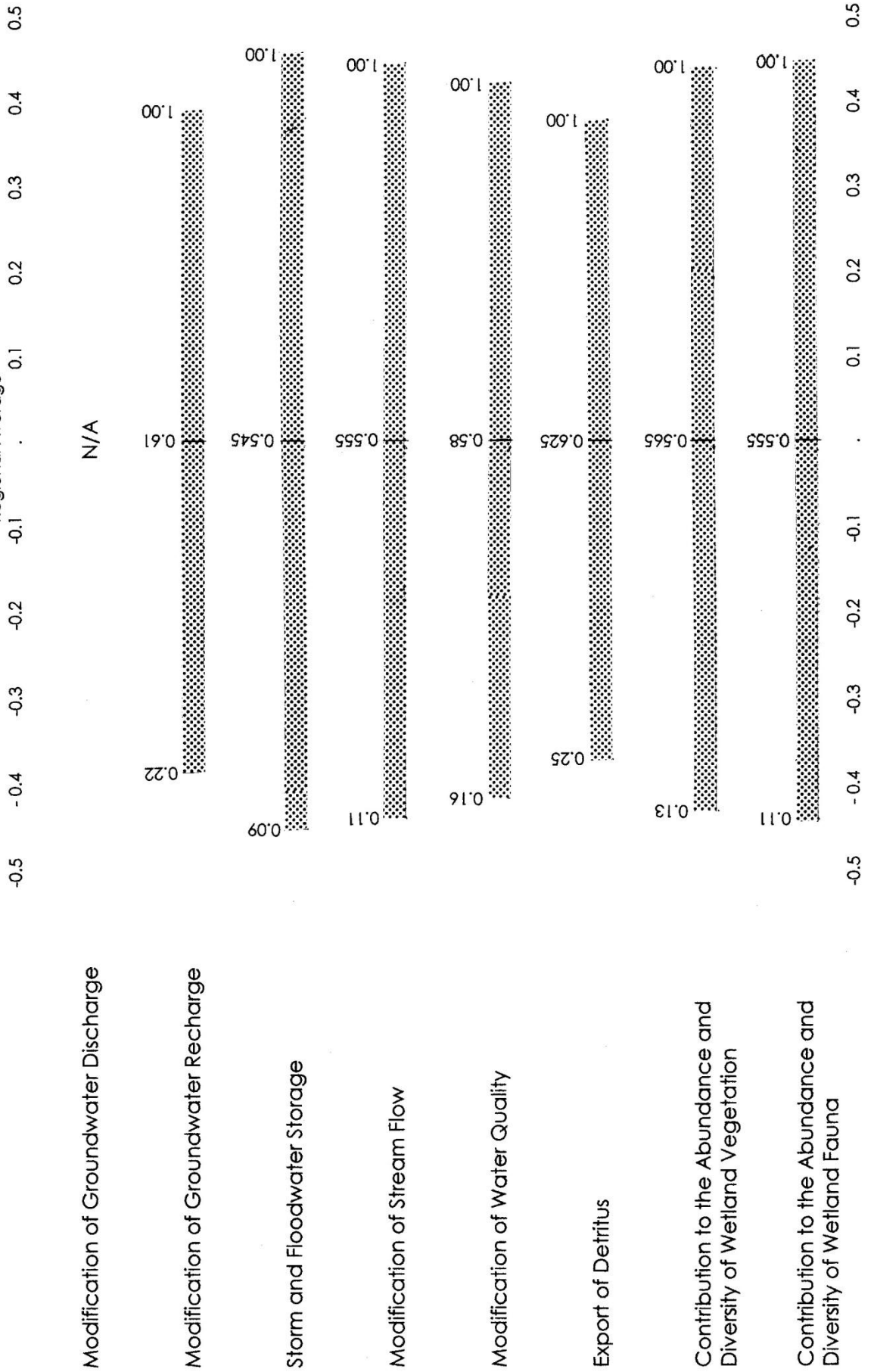
DEPRESSION WETLAND



LACUSTRINE FRINGE WETLAND

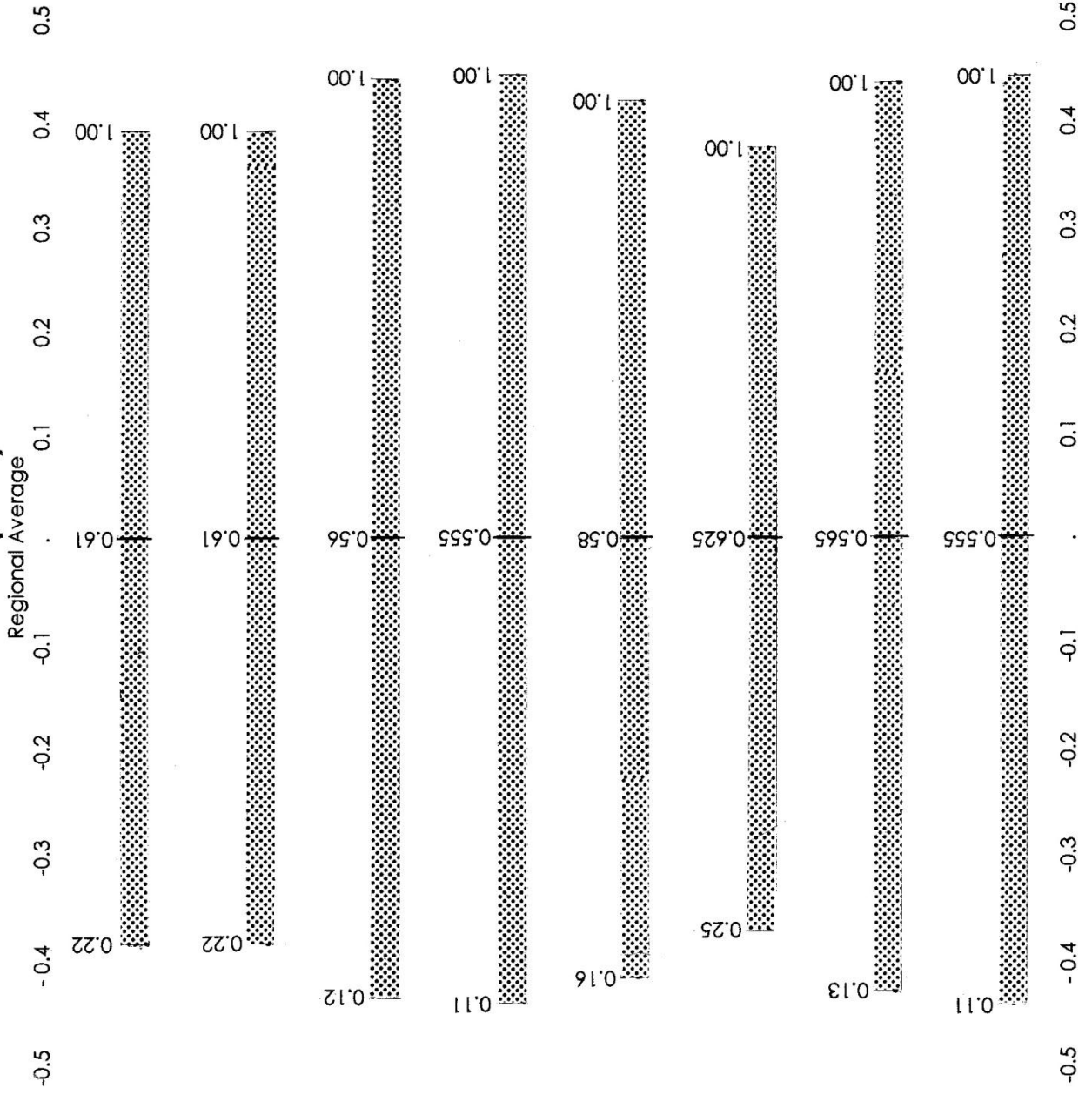
Functional Capacity Index

Regional Average



RIVERINE WETLAND

Functional Capacity Index



Modification of Groundwater Discharge

Modification of Groundwater Recharge

Storm and Floodwater Storage

Modification of Stream Flow

Modification of Water Quality

Export of Detritus

Contribution to the Abundance and Diversity of Wetland Vegetation

Contribution to the Abundance and Diversity of Wetland Fauna

