

ICM Tool Interface

Draft Product

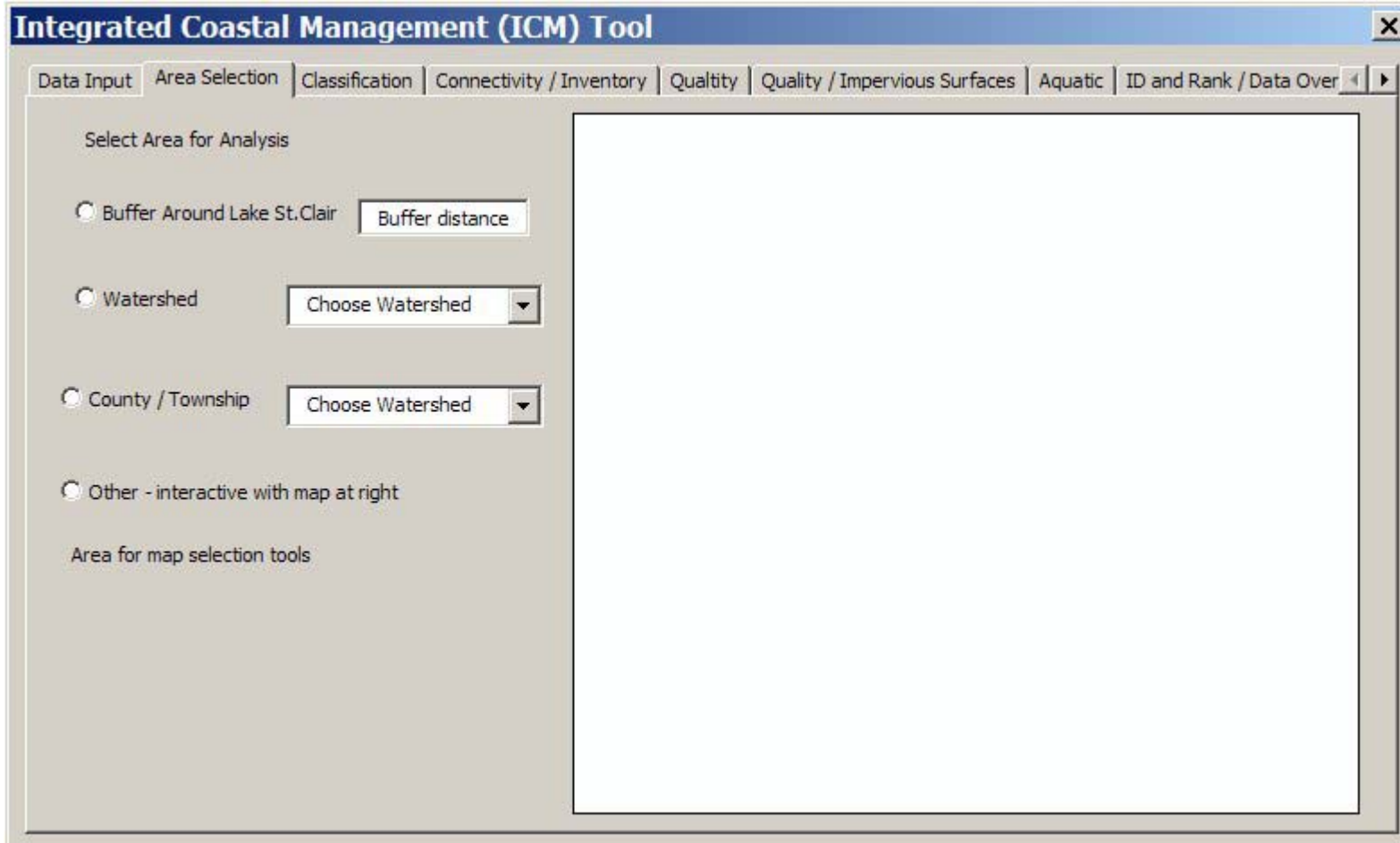
Integrated Coastal Management (ICM) Tool

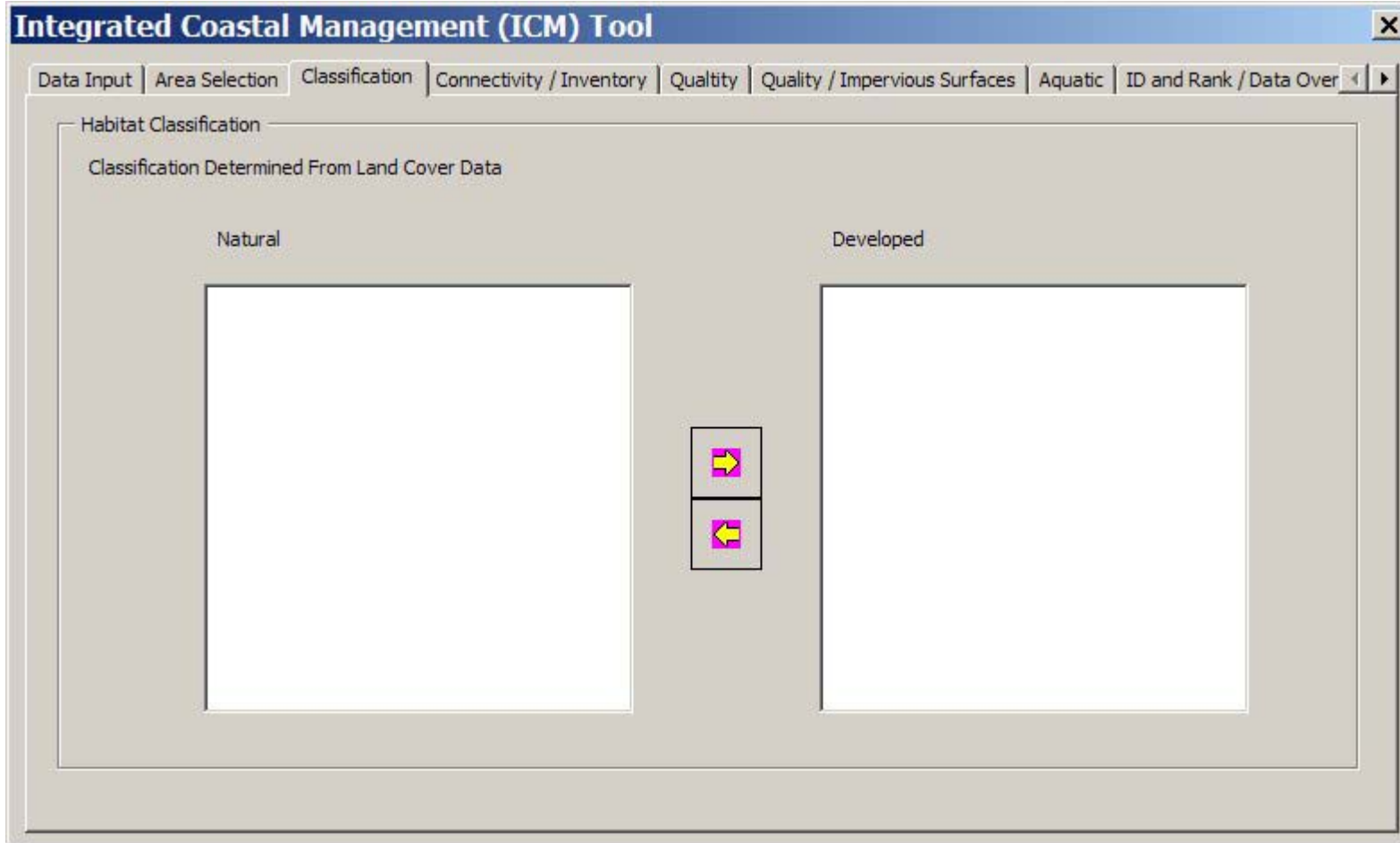
Data Input | Area Selection | Classification | Connectivity / Inventory | Quality | Quality / Impervious Surfaces | Aquatic | ID and Rank / Data Over

Data Inputs

Land Cover Data	<input type="text" value="required"/>	<input type="button" value="Browse"/>
Exotic Species Data	<input type="text" value="optional"/>	<input type="button" value="Browse"/>
Shoreline Hardening Structures Data	<input type="text" value="optional"/>	<input type="button" value="Browse"/>
Element Occurances Data	<input type="text" value="optional"/>	<input type="button" value="Browse"/>
Stream Networks Data	<input type="text" value="required"/>	<input type="button" value="Browse"/>
MNFI Conservation Layer	<input type="text" value="Optional"/>	<input type="button" value="Browse"/>
Extra Ancillary Data	<input type="text" value="Optional"/>	<input type="button" value="Browse"/>

Units/Scales





Integrated Coastal Management (ICM) Tool

Connectivity / Inventory | Quality | Quality / Impervious Surfaces | Aquatic | ID and Rank / Data Overlays | Scenario Testing | Reports and Run

Connectivity

Nearest Neighbor		Proximity		Buffer
	Criteria	Score	Criteria	Score
Upper	>1	0	4+	4
Lower	<0.25	3	0	0
Divisions	4		5	

Restore Defaults

Inventory

Inventory by Type		Inventory by Area	
	Criteria	Score	Criteria
Upper	7+	3	100+
Lower	<2	0	<5
Divisions	4		5

Restore Defaults

Integrated Coastal Management (ICM) Tool

Data Input | Area Selection | Classification | Connectivity / Inventory | **Quality** | Quality / Impervious Surfaces | Aquatic | ID and Rank / Data Over

Quality

Size	Criteria	Score	Core Area	Criteria	Score	Buffer
Upper	100+	4	Upper	100+	4	91.44 m
Lower	<5	0	Lower	<5	0	
Divisions	5		Divisions	5		

Element Occurances	Criteria	Score	Stream Corridor	Criteria	Score
Upper	3+	3	Upper	<1	3
Lower	0	0	Lower	>7	0
Divisions	4		Divisions	4	

Restore Defaults

Integrated Coastal Management (ICM) Tool

Data Input | Area Selection | Classification | Connectivity / Inventory | Quality | Quality / Impervious Surfaces | Aquatic | ID and Rank / Data Over

Quality

Shoreline Hardening

	Criteria	Score	Buffer
Upper	present	1	402 m
Lower	absent	0	
Divisions	2		

Exotic Species

	Criteria	Score	Buffer
Upper	present	1	402
Lower	absent	0	
Divisions	2		

Restore Defaults

Impervious Surfaces

Impervious Surfaces

	Criteria	Score
Upper	<20%	4
Lower	>90%	0
Divisions	5	

Restore Default

Need a space here for user to add information (land use = ?coefficient)

Integrated Coastal Management (ICM) Tool

Data Input | Area Selection | Classification | Connectivity / Inventory | Quality | Quality / Impervious Surfaces | Aquatic | ID and Rank / Data Over

Aquatic

Water Quality			Aquatic Substrate			Water Depth		
	Criteria	Score		Criteria	Score		Criteria	Score
Upper	present	1	Upper	present	1	Upper	present	1
Lower	absent	0	Lower	absent	0	Lower	absent	0
Divisions	2		Divisions	2		Divisions	2	

Current Velocity and Direction			Light			Water Temperature		
	Criteria	Score		Criteria	Score		Criteria	Score
Upper	present	1	Upper	present	1	Upper	present	1
Lower	absent	0	Lower	absent	0	Lower	absent	0
Divisions	2		Divisions	2		Divisions	2	

Restore Defaults

Integrated Coastal Management (ICM) Tool

Area Selection | Classification | Connectivity / Inventory | Quality | Quality / Impervious Surfaces | Aquatic | ID and Rank / Data Overlays | Scenar ◀ ▶

ID/Rank Options

Landscape Query

Category Query High Scores Low Scores Any Category

Metric Query High Scores Low Scores Any Metric

Percentage of Natural Area within Buffer Buffer

Recalculate MNFI Conservation Scheme

Socioeconomic growth forecast overlay

Pre-settlement land cover overlay

Historic water levels overlay

Aquatic Query High Scores Low Scores Special Filter

