

# Data Acquisition Standard Operating Procedures

## St. Johns River Water Management District (SJRWMD) Land Use Land Cover (LULC) (ID# 5069)

Last Updated: 5/6/2023

### Program Summary

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Land Use Land Cover mapping following the Florida Land Use, Cover and Classification System. Data for 1973 (1:62k), 1984, 1990, 1995, 1999-2000, 2004, 2009, 2014

### URLs

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- Program - <https://www.sjrwmd.com/>
- DDI - <https://data.florida-seacar.org/programs/details/5069>

### Contacts

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### Data Tables

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### Data Stored Procedures

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- usp\_combined\_acreage\_insert\_5069I

# Data Acquisition Standard Operating Procedures: ProgramID 5069

Date Created: 04/21/2022

Created By: Jennifer Baker

Data File Path: N/A

DDI URL: <http://dev.seacar.waterinstitute.usf.edu/datadiscovery/programs/details/5069>

## Procedure Overview:

1. The Indicator Data for this DataStream is in Spatial format to begin with.
2. For more details see GIS Appendix.

## Data Tables

1. GIS\_5069\_CW\_INTERSECT

## Data Stored Procedures

1. None

## GIS Appendix:

- SJRWMD LULC
- 1990, 1995, 1999-2000, 2004, 2009, 2014
- 5068 and 5069: sfwmd and sjrwmd overlap near St Lucie County. Cut both at St Lucie County Line to avoid overlap.
- Separate years in geodatabase: GIS\_5069\_1990, GIS\_5069\_1995, GIS\_5069\_2000, GIS\_5069\_2004, GIS\_5069\_2009, GIS\_5069\_2014
- Combined and sourceID, sampledate, uniqueID, hectares fields added: GIS\_5069
- Intersect with ORCP\_MA\_CHIMMP\_Wetlands: GIS\_5069\_Intersect1
- Due to multiyear data: After Intersect, Dissolve is needed: All original fields and LandCoverID;LC\_Name;CoastalWetland\_YN;SAV\_YN;Oyster\_YN;SourceID;SampleDate;Hectares (which is null); UniqueID (which is null); MA\_NameBuff;MA\_AreaIDBuff;CHIMMP\_Region
  - GIS\_5069\_Intersect
  - UniqueID (using Arcade code: `Concatenate("GIS_5069-" + $feature.OBJECTID_1)`)
- Final data: GIS\_5069, GIS\_5069\_CW\_Intersect, and GIS\_5069\_SUMMARIZE. Coastal Wetlands Only. SampleDate field is 1/1/[YEAR], with Year of LULC.

FLUCCS	LandCoverID	LC_Name	CoastalWetland_YN	FREQUENCY
4220	23	Brazilian Pepper	Y	466
4240	136	Melaleuca	Y	8
4370	11	Australian Pine	Y	1311

6120	130	Mangrove Swamp	Y	8195
6420	199	Salt Marsh	Y	18894
6510	240	Tidal Flat	Y	68

GIS\_5069, GIS\_5069\_CW\_Intersect; Wetlands Only. Done

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SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC [dbo].[usp_combined_acreage_insert_5069I]
AS
BEGIN
SET NOCOUNT ON;
SET XACT_ABORT ON;

-- UPDATE Hecaters column
/*
UPDATE GIS_5069_INTERSECT
SET Hectares = Shape_Area*0.0001
*/

-- Constants - PLEASE SET NOW!!
DECLARE @dataLoadCode varchar(10) = '5069I';
DECLARE @combinedTable varchar(50) = 'Combined_Acreage'
DECLARE @parameterID int

-- Setup data load
DECLARE @runBy varchar(50) = SYSTEM_USER;
DECLARE @programID int, @dataStreamID int;

SELECT @dataStreamID = DataStreamID,
@programID = ProgramID
FROM DataStreamProcedure
WHERE DataLoadCode = @dataLoadCode;

-- Delete Existing Data
exec usp_delete_combined @dataStreamID, @combinedTable

-- Insert cw data
SET @parameterID = 48 --Hectares

-- Insert data
INSERT INTO Combined_Acreage(ProgramID, DataStreamID, ParameterID, LandCoverID, AreaID, GISSourceID,
SampleDate, [Year], SourceDate, ResultValue, MADup, CHIMMP)
SELECT @programID, @dataStreamID, @parameterID, a.LandCoverID, a.MA_AreaIDBuff, a.SourceID,
a.SampleDate, YEAR(a.SampleDate), NULL, a.Hectares, NULL, a.CHIMMP_Regi on
FROM GIS_5069_CW_INTERSECT a
WHERE a.MA_AreaIDBuff <> 9999
AND a.MA_AreaIDBuff <> 0
AND a.CoastalWetland_YN = 'Y'
ÿ
exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID, @dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT, @LastUpdateBy =

/*
SELECT *
FROM Combined_CW
where programid = 5069

SELECT *
FROM Combined_Data_Tracking
where Programid = 5069

SELECT *
FROM GIS_5069_CW_INTERSECT

SELECT *
FROM Combined_Parameters

SELECT *
FROM DataStreamProcedure

```

WHERE ProgramID = 5069

exec usp\_delete\_combined 1374, 'Combined\_CW'  
\*/

END

GO