

# Data Acquisition Standard Operating Procedures

## Southeast Gap Analysis Project (ID# 4032)

Last Updated: 5/6/2023

### Program Summary

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"The Southeast Gap Analysis Project (SEGAP) is a regional representative of the National Gap Analysis Program sponsored by the Biological Resources Division of the United States Geological Survey (USGS-BRD)." (<http://www.basic.ncsu.edu/segap/>; accessed 10/7/2019)

### URLs

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- Program - <http://www.basic.ncsu.edu/segap/>
- DDI - <https://data.florida-seacar.org/programs/details/4032>

### Contacts

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Contact Name	Organization	Email	Phone
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### Data Tables

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### Data Stored Procedures

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- usp\_combined\_acreage\_insert\_40321

# Data Acquisition Standard Operating Procedures: ProgramID 4032

Date Created: 01/16/2019

Created By: Rich Hammond and Claude Kershaw

Date Modified: 04/21/2022

Modified By: Jennifer Baker

Data File Path: "\\forest.usf.edu\data\PDive\CAS-WI\Misc  
Projects\SEACAR\_FDEP\Data\ID\_4032\_SEGAP"

DDI URL: <http://dev.seacar.waterinstitute.usf.edu/datadiscovery/programs/details/4032>

## Procedure Overview:

1. The Indicator Data for this DataStream is in Spatial format to begin with.

## Data Tables

1. GIS\_4032A

## Data Stored Procedures

1. None

## GIS Appendix:

- SE GAP land cover with lots of categories – and 30m raster (pain in the ass)
- Coastal wetland
- Converted to polygon: ID\_4032 and clipped to MA\_CHIMMP
- Generated list of unique codes in Florida and then matched these codes to SEACAR Land Cover
  - GIS\_4032\_Acreage\_Crosswalk.xlsx
- Joined to LandCover\_Include and then copied only relevant polygons: GIS\_4032
- Added SourceID, UniqueID, hectares, and Description=original SEGAP field (original land cover category)
- SampleDate = 1/1/2001 based on year of data
- Intersected with ORCP\_MA\_CHIMMP\_Wetlands
- Coastal Wetlands (Salt Marsh, Mangrove Swamp) Acreage: GIS\_4032 and GIS\_4032\_Intersect, SampleDate = 1/1/2001 based on year of data
- Added hectares and UniqueID: Concatenate("GIS\_4032-" +

GIS\_4032, GIS\_4032\_CW\_Intersect. Coastal Wetlands. Updated 21oct21 for nature coast boundary.

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SET ANSI_NULLS ON
SET QUOTED_IDENTIFIER ON
CREATE PROC [dbo].[usp_combined_acreage_insert_4032]
AS
BEGIN
SET NOCOUNT ON;
SET XACT_ABORT ON;

-- Constants - PLEASE SET NOW!!
DECLARE @dataLoadCode varchar(10) = '4032';
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_Region
FROM GIS_4032_CW_INTERSECT a
WHERE a.MA_AreaIDBuff <> 9999
AND a.MA_AreaIDBuff <> 0

exec usp_combined_data_tracking_insert @parameterID = @parameterID, @ProgramID = @programID,
@dataStreamID = @dataStreamID, @CombinedTableName = @combinedTable, @NumRowsFinal = @@ROWCOUNT,
@LastUpdateBy = @runBy

/*
SELECT *
FROM Combined_CW
where programid = 4032

SELECT *
FROM Combined_Data_Tracking
where Programid = 4032

SELECT *
FROM GIS_4032_CW_INTERSECT

SELECT *
FROM Combined_Parameters

SELECT *
FROM DataStreamProcedure
WHERE ProgramID = 4032

exec usp_delete_combined 1375, 'Combined_CW'
*/

END

```

GO