**Saturated Buffers Run #1**

*Riparian catchment feature class joined with Saturated Buffer table, data exported to new feature class.*

*New feature class used to run FiNRT (all joins removed from data prior to running)*

**Error Message:**

*Start Time: Wednesday, January 4, 2023 11:23:11 AM*

C:\Users\arupe\Documents\ACPF\IA\_Demo\acpf071000040801.gdb, FB071000040801, 071000040801

Watershed Agricultural Acres: 32,861.9

processing Riparian Saturated Buffers

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:310: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if NRW is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:399: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if BIO is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:491: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if CBS is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:557: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if STB is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:647: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if RIB is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:723: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if GWW is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:750: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if DWM is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:816: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if BYF is not "":

Traceback (most recent call last):

 File "C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py", line 944, in <module>

 extractOpportunityCosts(inHUC, inFBnd, inFB\_NPTable, gSSURGO, outScnTable, NRW, BIO, DWM, CBS, STB, RIB, GWW, inFlowDir, inFlowAcc, AgAcres, wsTotalNLoad, tileTable)

 File "C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py", line 567, in extractOpportunityCosts

 arcpy.CalculateField\_management(STBSummary, "riparianid", "!RAP%s\_riparianid!" % inHUC, "PYTHON")

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\management.py", line 5786, in CalculateField

 raise e

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\management.py", line 5783, in CalculateField

 retval = convertArcObjectToPythonObject(gp.CalculateField\_management(\*gp\_fixargs((in\_table, field, expression, expression\_type, code\_block, field\_type, enforce\_domains), True)))

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\geoprocessing\\_base.py", line 512, in <lambda>

 return lambda \*args: val(\*gp\_fixargs(args, True))

arcgisscripting.ExecuteError: ERROR 000539: Invalid field RAP071000040801\_riparianid

Failed to execute (CalculateField).

Failed script 2. ACPF Financials: Analyze Conservation Scenario N Load Reduction...

Failed to execute (acpfFinancials2).

*Failed at Wednesday, January 4, 2023 11:23:31 AM (Elapsed Time: 20.08 seconds)*

**Saturated Buffers Run #2**

*Riparian catchment feature class joined with Saturated Buffer table, data exported to new feature class, converted to shapefile.*

*New shapefile used to run FiNRT (all joins removed from data prior to running)*

**Error Message:**

*Start Time: Wednesday, January 4, 2023 11:25:05 AM*

C:\Users\arupe\Documents\ACPF\IA\_Demo\acpf071000040801.gdb, FB071000040801, 071000040801

Watershed Agricultural Acres: 32,861.9

processing Riparian Saturated Buffers

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:310: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if NRW is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:399: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if BIO is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:491: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if CBS is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:557: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if STB is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:647: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if RIB is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:723: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if GWW is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:750: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if DWM is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:816: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if BYF is not "":

Traceback (most recent call last):

 File "C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py", line 944, in <module>

 extractOpportunityCosts(inHUC, inFBnd, inFB\_NPTable, gSSURGO, outScnTable, NRW, BIO, DWM, CBS, STB, RIB, GWW, inFlowDir, inFlowAcc, AgAcres, wsTotalNLoad, tileTable)

 File "C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py", line 567, in extractOpportunityCosts

 arcpy.CalculateField\_management(STBSummary, "riparianid", "!RAP%s\_riparianid!" % inHUC, "PYTHON")

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\management.py", line 5786, in CalculateField

 raise e

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\management.py", line 5783, in CalculateField

 retval = convertArcObjectToPythonObject(gp.CalculateField\_management(\*gp\_fixargs((in\_table, field, expression, expression\_type, code\_block, field\_type, enforce\_domains), True)))

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\geoprocessing\\_base.py", line 512, in <lambda>

 return lambda \*args: val(\*gp\_fixargs(args, True))

arcgisscripting.ExecuteError: ERROR 000539: Invalid field RAP071000040801\_riparianid

Failed to execute (CalculateField).

Failed script 2. ACPF Financials: Analyze Conservation Scenario N Load Reduction...

Failed to execute (acpfFinancials2).

*Failed at Wednesday, January 4, 2023 11:25:26 AM (Elapsed Time: 20.41 seconds)*

**Saturated Buffers Run #3**

*RAP feature class joined with Saturated Buffer table, data exported to new feature class.*

*New feature class used to run FiNRT (all joins removed from data prior to running)*

**Error Message:**

*Start Time: Wednesday, January 4, 2023 11:29:24 AM*

C:\Users\arupe\Documents\ACPF\IA\_Demo\acpf071000040801.gdb, FB071000040801, 071000040801

Watershed Agricultural Acres: 32,861.9

processing Riparian Saturated Buffers

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:310: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if NRW is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:399: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if BIO is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:491: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if CBS is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:557: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if STB is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:647: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if RIB is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:723: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if GWW is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:750: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if DWM is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:816: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if BYF is not "":

Traceback (most recent call last):

 File "C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py", line 944, in <module>

 extractOpportunityCosts(inHUC, inFBnd, inFB\_NPTable, gSSURGO, outScnTable, NRW, BIO, DWM, CBS, STB, RIB, GWW, inFlowDir, inFlowAcc, AgAcres, wsTotalNLoad, tileTable)

 File "C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py", line 567, in extractOpportunityCosts

 arcpy.CalculateField\_management(STBSummary, "riparianid", "!RAP%s\_riparianid!" % inHUC, "PYTHON")

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\management.py", line 5786, in CalculateField

 raise e

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\management.py", line 5783, in CalculateField

 retval = convertArcObjectToPythonObject(gp.CalculateField\_management(\*gp\_fixargs((in\_table, field, expression, expression\_type, code\_block, field\_type, enforce\_domains), True)))

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\geoprocessing\\_base.py", line 512, in <lambda>

 return lambda \*args: val(\*gp\_fixargs(args, True))

arcgisscripting.ExecuteError: ERROR 000539: Invalid field RAP071000040801\_riparianid

Failed to execute (CalculateField).

Failed script 2. ACPF Financials: Analyze Conservation Scenario N Load Reduction...

Failed to execute (acpfFinancials2).

*Failed at Wednesday, January 4, 2023 11:29:44 AM (Elapsed Time: 20.10 seconds)*

**Saturated Buffers Run #4**

*RAP feature class joined with Saturated Buffer table, data exported to new feature class, converted to shapefile.*

*New shapefile used to run FiNRT (all joins removed from data prior to running)*

**Error Message:**

*Start Time: Wednesday, January 4, 2023 11:31:52 AM*

C:\Users\arupe\Documents\ACPF\IA\_Demo\acpf071000040801.gdb, FB071000040801, 071000040801

Watershed Agricultural Acres: 32,861.9

processing Riparian Saturated Buffers

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:310: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if NRW is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:399: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if BIO is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:491: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if CBS is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:557: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if STB is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:647: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if RIB is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:723: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if GWW is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:750: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if DWM is not "":

C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py:816: SyntaxWarning: "is not" with a literal. Did you mean "!="?

 if BYF is not "":

Traceback (most recent call last):

 File "C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py", line 944, in <module>

 extractOpportunityCosts(inHUC, inFBnd, inFB\_NPTable, gSSURGO, outScnTable, NRW, BIO, DWM, CBS, STB, RIB, GWW, inFlowDir, inFlowAcc, AgAcres, wsTotalNLoad, tileTable)

 File "C:\Users\arupe\Documents\ACPF\ACPF\_FiNRT\_b1IA\byField\_FinancialAnalysis2020Pro\_IA.py", line 567, in extractOpportunityCosts

 arcpy.CalculateField\_management(STBSummary, "riparianid", "!RAP%s\_riparianid!" % inHUC, "PYTHON")

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\management.py", line 5786, in CalculateField

 raise e

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\management.py", line 5783, in CalculateField

 retval = convertArcObjectToPythonObject(gp.CalculateField\_management(\*gp\_fixargs((in\_table, field, expression, expression\_type, code\_block, field\_type, enforce\_domains), True)))

 File "C:\Program Files\ArcGIS\Pro\Resources\ArcPy\arcpy\geoprocessing\\_base.py", line 512, in <lambda>

 return lambda \*args: val(\*gp\_fixargs(args, True))

arcgisscripting.ExecuteError: ERROR 000539: Invalid field RAP071000040801\_riparianid

Failed to execute (CalculateField).

Failed script 2. ACPF Financials: Analyze Conservation Scenario N Load Reduction...

Failed to execute (acpfFinancials2).

*Failed at Wednesday, January 4, 2023 11:32:12 AM (Elapsed Time: 20.40 seconds)*