

API Changes						
Old value (510)	New value (520)	Interfaces affected (510)	Interface (520)	Method name	Rationale for change	Impact
<b>System-wide changes</b>						
Document the behavior of assignment for deep classes (classes that have a Create method) and VM		All deep classes - except DELayout			Clearly define behavior of assignment and comparison	No impact
Implement equality operators (A==B) for all deep classes, where assignment A=B produces equivalence		All deep classes - except DELayout			Clearly define behavior of assignment and comparison	N/A since it is a new interface
Require argument keywords on all optional arguments		All interfaces			Ensure that framework methods are both extensible and consistent. This will allow the addition and rearrangement of optional arguments to all interface calls while keeping rc in the last position.	Large impact if keywords are not currently used. No impact for codes that currently use keywords for all or optional arguments
Move 'name' to last optional before 'rc'		All ESMF_XXXCreate, ESMF_XXXGetInfo, ESMF_XXXSet routines			Consistent position of 'name'	Need to move name if it is mixed with required arguments. No impact for codes that use keywords for all arguments, lessened impact for codes that use keyword for optional arguments.
<b>Argument name changes</b>						
maxHaloXWidth (X=L,U)	totalXWidth (X=L,U)	20.6.3	20.6.6	ESMF_FieldCreate	Consistency with other Field, Array, and Grid bounds	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		20.6.4	20.6.7	ESMF_FieldCreate	Consistency with other Field, Array, and Grid bounds	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		20.6.5	20.6.8	ESMF_FieldCreate	Consistency with other Field, Array, and Grid bounds	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		20.6.6	20.6.9	ESMF_FieldCreate	Consistency with other Field, Array, and Grid bounds	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		20.6.7	20.6.10	ESMF_FieldCreate	Consistency with other Field, Array, and Grid bounds	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		20.6.23	20.6.26	ESMF_FieldGet	Consistency with other Field, Array, and Grid bounds	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		20.6.26	20.6.29	ESMF_FieldGet	Consistency with other Field, Array, and Grid bounds	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		20.6.32	20.6.35	ESMF_FieldSetCommit	Consistency with other Field, Array, and Grid bounds	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		20.6.33	20.6.36	ESMF_FieldSetCommit	Consistency with other Field, Array, and Grid bounds	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
bundle	fieldbundle	19.6.1	19.6.4	ESMF_FieldBundleAdd	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.2	19.6.5	ESMF_FieldBundleAdd	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.8	19.6.11	ESMF_FieldBundleDestroy	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.9	19.6.12	ESMF_FieldBundleGet	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.10	19.6.13	ESMF_FieldBundleGet	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.11	19.6.14	ESMF_FieldBundleGet	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.12	Removed	ESMF_FieldBundleGet	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.13	19.6.15	ESMF_FieldBundlePrint	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.14	19.6.16	ESMF_FieldBundleRead	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.15	Removed	ESMF_FieldBundleSet	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.16	Removed	ESMF_FieldBundleSet	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.17	Removed	ESMF_FieldBundleSet	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.18	19.6.17	ESMF_FieldBundleValidate	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		19.6.19	19.6.18	ESMF_FieldBundleWrite	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
bundleList	fieldbundleList	17.7.3	17.7.6	ESMF_StateCreate	Consistency with other FieldBundle usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
stateName	name	17.7.3	17.7.6	ESMF_StateCreate	Convention is that the name of the object is 'name'	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
name	itemName	17.7.7	17.7.9	ESMF_StateGet	Convention is that items within containers are called 'XXXName' where XXX=item.field.array, etc.	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
fptr	farrayPtr	23.3.4	23.3.7	ESMF_LocalArrayCreate	Consistency with Fortran pointer types	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		23.3.7	23.3.10	ESMF_LocalArrayGet	Consistency with Fortran pointer types	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
memDimCount	rank	20.6.23	20.6.26	ESMF_FieldGet	Consistency between Grid, Field, Array - rank refers to memory representation	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		25.6.13	25.6.18	ESMF_GridGet	Consistency between Grid, Field, Array - rank refers to memory representation	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.

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larray	localarray	22.5.4	22.5.7	ESMF_ArrayCreate	Consistency with other LocalArray usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		22.5.5	22.5.8	ESMF_ArrayCreate	Consistency with other LocalArray usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		22.5.13	22.5.16	ESMF_ArrayGet	Consistency with other LocalArray usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		22.5.16	22.5.19	ESMF_ArrayGet	Consistency with other LocalArray usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		23.3.3	23.3.6	ESMF_LocalArrayCreate	Consistency with other LocalArray usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		23.3.5	23.3.8	ESMF_LocalArrayDestroy	Consistency with other LocalArray usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		23.3.6	23.3.9	ESMF_LocalArrayGet	Consistency with other LocalArray usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		23.3.7	23.3.10	ESMF_LocalArrayGet	Consistency with other LocalArray usage	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
patch	tile	20.7.1	20.7.1	ESMF_FieldGather	Consistency with Grid	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		20.7.13	20.7.13	ESMF_ArrayBundleSMM	Consistency with Grid	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		22.5.12	22.5.15	ESMF_ArrayGather	Consistency with Grid	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		22.5.26	22.5.29	ESMF_ArrayScatter	Consistency with Grid	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
various patch	tile	29.5.8	29.5.12	ESMF_DistGridGet	Consistency with Grid	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		22.5.13	22.5.16	ESMF_ArrayGet	Consistency with Grid	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
patchIndexX (X=A,B)	tileIndexX (X=A,B)	29.5.14	29.5.18	ESMF_DistGridConnection	Consistency with Grid	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
root	rootPet	45.5.7	44.5.10	ESMF_VMBroadcast	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		45.5.8	44.5.13	ESMF_VMGather	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		45.5.9	44.5.14	ESMF_VMGatherV	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		45.5.16	44.5.21	ESMF_VMReduce	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		45.5.17	44.5.22	ESMF_VMScatter	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		45.5.18	44.5.23	ESMF_VMScatterV	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
src	srcPet	45.5.15	44.5.20	ESMF_VMRecv	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		45.5.20	44.5.25	ESMF_VMSendRecv	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
dst	dstPet	45.5.19	44.5.24	ESMF_VMSend	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		45.5.20	44.5.25	ESMF_VMSendRecv	Consistency with Array and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
staggerDistgrid	distgrid	25.6.16	25.6.21	ESMF_GridGet	Consistency with DistGrid, Array, and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
staggerlocCount	staggerlocCount	25.6.13	25.6.13	ESMF_GridGet	Consistency with DistGrid, Array, and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
staggerMemLBound	staggerLBound	25.6.2	25.6.5	ESMF_GridAddItem	Consistency with DistGrid, Array, and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
		25.6.1	25.6.4	ESMF_GridAddCoord	Consistency with DistGrid, Array, and Field	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
name	fieldname	19.6.10	19.6.13	ESMF_FieldBundleGet	Convention is that items within containers are called 'XXXName' where XXX=item,field,array, etc.	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
stateitemtypeList	itemtypeList	17.7.5	17.7.8	ESMF_StateGet	Convention is to not label argument with the class name	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
name	alarmname	40.5.8	39.5.9	ESMF_ClockGetAlarm	Convention is that items within containers are called 'XXXName' where XXX=item,field,array, etc.	If keywords are not used: for optional arguments, add keyword. For required arguments, no impact. If keywords are used: search and replace.
<b>Arguments added</b>						
N/A	msg	43.7.3	42.7.3	ESMF_LogFoundAllocError	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments	Add keyword
N/A		43.7.4	42.7.4	ESMF_LogFoundDeallocError	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments	Add keyword
N/A		43.7.5	42.7.5	ESMF_LogFoundError	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments	Add keyword
N/A				ESMF_LogSetError	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments	Add keyword

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N/A	fieldNameList	19.6.9	19.6.12	ESMF_FieldBundleGet	Argument added as a result of the removal of another ESMF_FieldBundleGet() method.	The arguments added came from another ESMF_FieldBundleGet() interface and were changed from required to optional, so keywords may need to be added if the old interface was used with positional arguments
N/A	srcMaskValues, dstMaskValues, regridPoleType, regridNPnts, unmappedDstAction	19.7.10	19.7.10	ESMF_FieldBundleRegridStore	Arguments added to increase capabilities to match ESMF_FieldRegridStore	Add keywords
<b>Arguments removed</b>						
iospec	N/A	19.6.3	19.6.6	ESMF_FieldBundleCreate	Never implemented	No impact
	N/A	19.6.4	19.6.7	ESMF_FieldBundleCreate	Never implemented	No impact
	N/A	19.6.5	19.6.8	ESMF_FieldBundleCreate	Never implemented	No impact
	N/A	19.6.6	19.6.9	ESMF_FieldBundleCreate	Never implemented	No impact
	N/A	19.6.7	19.6.10	ESMF_FieldBundleCreate	Never implemented	No impact
	N/A	20.6.1	20.6.4	ESMF_FieldCreateEmpty	Never implemented	No impact
	N/A	20.6.3	20.6.6	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.4	20.6.7	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.5	20.6.8	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.6	20.6.9	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.7	20.6.10	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.8	20.6.11	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.9	20.6.12	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.10	20.6.13	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.11	20.6.14	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.12	20.6.15	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.13	20.6.16	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.14	20.6.17	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.15	20.6.18	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.16	20.6.19	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.17	20.6.20	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.18	20.6.21	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.19	20.6.22	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.20	20.6.23	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.21	20.6.24	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.22	20.6.25	ESMF_FieldCreate	Never implemented	No impact
	N/A	20.6.23	20.6.26	ESMF_FieldGet	Never implemented	No impact
rank	N/A	20.6.3	20.6.6	ESMF_FieldCreate	Redundant argument: the rank must be the sum of the dimensions of the grid plus the dimensions of the ungridded bounds	Remove rank argument if present - this will impact previous ESMF versions since it was required previously
options	N/A	15.5.21	15.5.24	ESMF_GridCompValidate	Never implemented	No impact
	N/A	15.5.8	15.5.11	ESMF_GridCompPrint	Never implemented	No impact
	N/A	16.4.21	16.4.24	ESMF_CplCompValidate	Never implemented	No impact
	N/A	16.4.8	16.4.11	ESMF_CplCompPrint	Never implemented	No impact
	N/A	19.6.13	19.6.15	ESMF_FieldBundlePrint	Never implemented	No impact
	N/A	19.6.18	19.6.17	ESMF_FieldBundleValidate	Never implemented	No impact
	N/A	21.5.7	21.5.10	ESMF_ArrayBundlePrint	Never implemented	No impact
	N/A	22.5.20	22.5.23	ESMF_ArrayPrint	Never implemented	No impact
	N/A	37.5.21	36.5.20	ESMF_CalendarValidate	Never implemented	No impact
	N/A	39.4.26	38.4.26	ESMF_TimeIntervalValidate	Never implemented	No impact
	N/A	40.5.20	39.5.21	ESMF_ClockValidate	Never implemented	No impact
	N/A	41.6.18	40.6.19	ESMF_AlarmValidate	Never implemented	No impact
	N/A	43.6.6	43.6.5	ESMF_DELayoutPrint	Never implemented	No impact
commCapacity, compCapacity	N/A	44.6.5	43.6.4	ESMF_DELayoutGet	Never implemented	No impact
docopy	N/A	25.6.19	25.6.25	ESMF_GridGetCoord	Never implemented	No impact
	N/A	25.6.24	25.6.30	ESMF_GridGetItem	Never implemented	No impact
base	N/A	23.3.6	23.3.9	ESMF_LocalArrayGet	Similar argument offered in another ESMF_LocalArrayGet method()	Use farrayPtr instead of the base argument
factorList, factorIndexList	N/A	19.7.14	19.7.14	ESMF_FieldBundleSMMStore	Erroneous argument, present only in documentation	No impact
GridCompType	N/A	15.5.1	15.5.4	ESMF_GridCompCreate	More appropriately stored as an Attribute	Little impact if removed in all ESMF versions that must be supported
	N/A	15.5.4	15.5.7	ESMF_GridCompGet	More appropriately stored as an Attribute	Little impact if removed in all ESMF versions that must be supported
	N/A	15.5.11	15.5.14	ESMF_GridCompSet	More appropriately stored as an Attribute	Little impact if removed in all ESMF versions that must be supported
neededflag, readyflag, validflag, reqforrestartflag	N/A	17.7.3	17.7.6	ESMF_StateCreate	Does not reflect current class definitions and recommended usage	Use ESMF_StateSetNeeded()
minIndex	N/A	25.6.16	26.6.21	ESMF_GridGet	moved argument to a new ESMF_GridGet() interface	Little impact if removed in all ESMF versions that must be supported
maxIndex	N/A	25.6.16	26.6.21	ESMF_GridGet	moved argument to a new ESMF_GridGet() interface	Little impact if removed in all ESMF versions that must be supported
<b>Interfaces name changes</b>						
ESMF_GridGetCoord	ESMF_GridGetCoordBounds	25.6.18	25.6.27	ESMF_GridGetCoordBounds	Consistency with Field and Array class	Anywhere that you call ESMF_GridGetCoord() without a pointer, you need to change the name to ESMF_GridGetCoordBounds
ESMF_LogMsgSetError	ESMF_LogSetError	43.7.9	42.7.8	ESMF_LogSetError	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments	Use the optional 'msg' argument in ESMF_LogSetError()
ESMF_VMCommQueueWait	ESMF_VMCommWaitAll	45.5.23	44.5.12	ESMF_VMCommWaitAll	Consistency with MPI naming conventions	Search and replace

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ESMF_IOUnitFlush	ESMF_UtilIOUnitFlush	46.4.1	45.4.1	ESMF_UtilIOUnitFlush	Prevent confusion with future IO class namespace, also associates with other Util class methods more appropriately	Search and replace
ESMF_IOUnitGet	ESMF_UtilIOUnitGet	46.4.2	45.4.2	ESMF_UtilIOUnitGet	Prevent confusion with future IO class namespace, also associates with other Util class methods more appropriately	Search and replace
<b>Interfaces added</b>						
N/A	ESMF_StateRemove	N/A	17.7.15	ESMF_StateRemove	N/A	N/A since it is a new interface
N/A	ESMF_StateReplace	N/A	17.7.16	ESMF_StateReplace	N/A	N/A since it is a new interface
N/A	ESMF_GridGet	N/A	25.6.22	ESMF_GridGet	N/A	N/A since it is a new interface
N/A	ESMF_DistGridCreate	N/A	29.5.4	ESMF_DistGridCreate	N/A	N/A since it is a new interface
N/A	ESMF_AttributeGet	N/A	33.9.12	ESMF_AttributeGet	N/A	N/A since it is a new interface
N/A	ESMF_AttributeAdd	N/A	33.9.2	ESMF_AttributeAdd	N/A	N/A since it is a new interface
N/A	ESMF_UtilGetArgC	N/A	45.4.3	ESMF_UtilGetArgC	N/A	N/A since it is a new interface
N/A	ESMF_UtilGetArg	N/A	45.4.4	ESMF_UtilGetArg	N/A	N/A since it is a new interface
N/A	ESMF_UtilGetArgIndex	N/A	45.4.5	ESMF_UtilGetArgIndex	N/A	N/A since it is a new interface
<b>Interfaces removed</b>						
ESMF_FieldBundleGet	N/A	19.6.12	N/A	ESMF_FieldBundleGet	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments.	Arguments from the original method were added to another ESMF_FieldBundleGet() interface and made optional, so keywords may need to be added if the old interface was used with positional arguments
ESMF_FieldBundleSet	N/A	19.6.15	N/A	ESMF_FieldBundleSet	Interface does not reflect current class definitions and recommended usage	If using the FieldBundle as the carrier for a Grid, LocStream, etc., may need to restructure code
ESMF_FieldBundleSet	N/A	19.6.16	N/A	ESMF_FieldBundleSet	Interface does not reflect current class definitions and recommended usage	If using the FieldBundle as the carrier for a Grid, LocStream, etc., may need to restructure code
ESMF_FieldBundleSet	N/A	19.6.17	N/A	ESMF_FieldBundleSet	Interface does not reflect current class definitions and recommended usage	If using the FieldBundle as the carrier for a Grid, LocStream, etc., may need to restructure code
ESMF_IOSpecGet	N/A	31.2.1	N/A	ESMF_IOSpecGet	Class not implemented and removed	Since IOSpec was not implemented there should be no impact
ESMF_IOSpecSet	N/A	31.2.2	N/A	ESMF_IOSpecSet	IOSpec class was removed	Since IOSpec was not implemented there should be no impact
ESMF_LogMsgFoundAllocError	N/A	43.7.6	N/A	ESMF_LogMsgFoundAllocError	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments	Use the optional 'msg' argument in ESMF_LogSetError()
ESMF_LogMsgFoundDeallocError	N/A	43.7.7	N/A	ESMF_LogMsgFoundDeallocError	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments	Use the optional 'msg' argument in ESMF_LogSetError()
ESMF_LogMsgFoundError	N/A	43.7.8	N/A	ESMF_LogMsgFoundError	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments	Use the optional 'msg' argument in ESMF_LogSetError()
ESMF_DELayoutCreate	N/A	44.6.3	N/A	ESMF_DELayoutCreate	Convention is to minimize the number of interfaces to the extent possible via overloading or adding optional arguments.	No impact