KEY	DESCRIPT	EXAMPLE	RANGE OF VALUES
graphClass	Graph class to perform	DMA	DMA, SECTOR, DQA, PRESSZONE
exploitation	Exploitations to participate in the algorithm	[1,2]	All the available exploitations
updateFeature	If true, update the values of dma_id, presszone_id, sector_id & dma_id of all NODES, ARCS, CONNEC that are flooded by the algorithm	true	false, true
updateMapZone	0: does not update the geometry field (the_geom) of the mapzone 1: Updates by making an enveloping polygon with all the elements 2: Updates by buffering the pipes with the value of geomParamUpdate 3: Updates by buffering the pipes with the value of geomParamUpdate and incorporating the plot geometry (if it exists) 4: Updates by buffering the pipes with the value of geomParamUpdate and incorporating the link geometry (if it exists) 5: Updates by buffering the pipes with the value of geomParamUpdate and incorporating some customized geometry (if it exists)	2	0,1,2,3,4,5
geomParamUpdate	Value related to options 2, 3 of the previous key. It is the value of the buffer (expressed in meters)	10	Any float 0.1 – 100
macroExploitation	Not mandatory value. Usefull to define macro-exploitations to participate in the algorithm. In case of not null value this will be priorized againts exploitation key	[1,2]	All available macro-exploitations
checkData	Not mandatory value. If true, check if the system data is correct (topology, state_type, etc), and in case of errors, this will abort the process.	false	false, true
usePlanPsector	Not mandatory value. If true, the selected sectors from user will be used by he analysis of the algorithm.	false	false, true
floodOnlyMapzone	Not mandatory value. If not null, algorithm onlywill flood defined mapzones.	[1,2]	All defined mapzones
valueForDisconnected	Not mandatory value. If not null, disconnected elements will take another value different from 0. This is usefull when you are building your sectorization model.	1	All mapzone values
forceOpen	Not mandatory value. Valves that can be forced to open (e.g. for closed valves that we want to open for whatever reason)	[1,2,3]	All closed valves
forceClosed	Not mandatory value. Nodes in general that can be forced to close (e.g. in the debug phase in case the trace gets out of control and does not converge as expected)	[1,2,3]	All nodes (except closed valves)