SAGA Gaussian Filter parameter window only accepts type Integer for "Standard Deviation" field, but should accept type Real. Problem seems to be in 4th line of:

/Applications/QGIS_3_6_1-1.app/Contents/Resources/python/plugins/processing/algs/saga/description/GaussianFilter.txt:

incorrectly reads as:

QgsProcessingParameterNumber|SIGMA|Standard Deviation|QgsProcessingParameterNumber.Integer|1|False|None|None

which should instead be:

QgsProcessingParameterNumber|SIGMA|Standard Deviation|QgsProcessingParameterNumber.Double|1.00|False|None|None

Proof of concept: editing /Applications/QGIS_3_6_1-1.app/Contents/Resources/python/plugins/processing/algs/saga/description/GaussianFilter.txt to change line 4 to

QgsProcessingParameterNumber|SIGMA|Standard Deviation|QgsProcessingParameterNumber.Double|1.00|False|None|None

fixes the problem and allows real number input. Of course any new installation will revert to the original Integer setting, so getting this fixed in the distribution would be appreciated.

Garth Fletcher wrote:

Proof of concept: editing /Applications/QGIS_3_6_1-1.app/Contents/Resources/python/plugins/processing/algs/saga/description/GaussianFilter.txt to change line 4 to

Garth Fletcher wrote:
QgsProcessingParameterNumber|SIGMA|Standard Deviation|QgsProcessingParameterNumber.Double|1.00|False|None|None
fixes the problem and allows real number input.
Of course any new installation will revert to the original Integer setting, so getting this fixed in the distribution would be appreciated.

Can you do a Pull Request on GitHub with this fix?

#3 - 2019-04-10 06:29 PM - Garth Fletcher

Unfortunately doing a Pull Request is way above my knowledge level. I would greatly appreciate some competent person installing my suggested fix.

#4 - 2019-05-21 09:37 AM - Victor Olaya
- Assignee changed from Giovanni Manghi to Victor Olaya

#5 - 2019-05-23 11:48 AM - Victor Olaya
- % Done changed from 0 to 100
- Status changed from Feedback to Closed

Applied in changeset commit:qgis|83e6dd3efe302de4749d68be23217d8dd4e667d2.