

Instalasi Plugin SAGA di QGIS

Pendahuluan

System for Automated Geoscientific Analyses atau SAGA merupakan perangkat lunak berbasis open source (*Free Open Source Software*) yang digunakan untuk mengolah dan mengatur data spasial berlandaskan pengindraan jauh dan Sistem Informasi Geografis (SIG). Seperti *software* pengindraan jauh dan SIG lainnya, pengolahan dan analisis dasar data raster serta vektor dapat dilakukan menggunakan SAGA. Selain itu, SAGA dirancang khusus dalam mewadahi pengguna untuk mengolah dan menganalisis kebutuhan data geosains.

Sejak tahun 2019, SAGA telah diformulasi dan diintegrasi sebagai plugin pada *software* QGIS. Plugin SAGA ini diberi nama "**Processing Saga NextGen Provider**" dengan versi terbarunya yakni versi 1.0.0, terintegrasi dengan SAGA versi 9.1. Dengan adanya plugin ini, pengguna QGIS dapat melakukan analisis seperti :

- Analisis data multispektral
- Analisis hidrologi
- Analisis geostatistik
- Analisis ekologi lanskap
- Analisis data spasial

Prosedur Instalasi Plugin SAGA di QGIS

Terdapat 2 metode dalam instalasi plugin SAGA :

- Install plugin pada QGIS secara langsung
- Mengunduh file plugin dalam format *.zip, kemudian diinstal pada QGIS



METODE PERTAMA

Instalasi pada QGIS secara langsung



Klik bar "All", klik pada kolom "*search*" atau pencarian. Ketik "**Processing Saga NextGen Provider**", maka

plugin akan muncul pada kolom, kemudian

klik plugin tersebut.





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		More info	homepage bug tracker code repository
		Author	North Road
		Available version (stable)	1.0.0 updated at 24/09/2023 23:40
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Klik "Install Plugin" untuk menginstall plugin SAGA

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instalasi berlangsung				Changelog 1.0.0 Target SACA 9.1. Allow running with old SACA, but show warnings. 0.0.7 Fix compatibility with QGTS 3.22 0.0.6 Synchronise description files with newer Windows install versions

"Plugin installed successfully" menandakan

proses instalasi berhasil dilakukan

Hasil Akhir : Anda dapat memeriksa pada "Processing Toolbox" bahwa plugin SAGA telah berhasil terpasang dan siap untuk digunakan.



METODE KEDUA

Instalasi melalui file *.zip

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Anda dapat mencari dari website plugin resmi QGIS yakni : <u>Processing Saga NextGen Provider — QGIS</u> <u>Python Plugins Repository</u>.

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Klik "Download latest" untuk mengunduh versi terakhir (dan stabil) dari plugin SAGA yakni versi 1.0.0.



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💒 Upgradeable	
11 Install from ZIP	ZIP file
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•	
	Close Help

Lakukan tahap pada metode pertama sampai ke bagian "**Manage and Install Plugins**". Klik "**Install from ZIP**" pada bar menu tersebut. Setelah itu, klik _____ untuk memilih file zip yang sudah diunduh sebelumnya.

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Pilih file zip plugin SAGA dan klik "Open"



Akan muncul pemberitahuan seperti ini,

klik "Yes" untuk menginstal plugin

If you are provided with a zip package containing a plugin to install, please select the file below and click the <i>Install</i> plugin button.	
Please note for most users this function is not applicable, as the preferable way is to install plugins from a repository.	
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Install Plugin	

File yang dipilih akan muncul, klik "Install Plugin"

Q Plugins Install from ZIP	×
iii 🔆	Plugin installed successfully
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🞾 Upgradeable	Please note for most users this function is not applicable, as the preferable way is to install plugins from a repository.
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Plugin sudah berhasil terpasang seperti ini