

# RiskScape 2.0

## New Zealand's Next Generation Loss Modelling Software

```
10:24:49.192 [main] WARN nz.org.riskscape.engine.OsUtils - Changed console to use UTF-8 encoding (was chcp 437)
Usage: riskscape [-ehV] [--no-core-plugins] [--show-project-errors]
                [-b=<homeDir>] [--log-level=<logLevel>] [-P=<projectIni>]
                [--pipeline-threads=<pipelineThreads>]
                [--random-seed=<randomSeed>]
                [--stats-out=<statisticsDumpFile>] [-l=<pluginPaths>]...
                [COMMAND]

Run the riskscape engine via the command line
-b, -H, --home=<homeDir> Specify path to your riskscape directory
                        containing types, functions etc. Defaults to
                        HOME/riskscape. Can be set via a RISKSCAPE_HOME
                        environment variable.
-e, --show-stacktrace  Show detailed error information
-h, --help             Show this help message and exit
-l, --load-plugin=<pluginPaths>
                        Load a plugin from this path
--log-level=<logLevel> Sets the log level for default loggers
--no-core-plugins      Disable loading core plugins
-P, --project=<projectIni> Specify location of a project file to initialize
                        engine with. Project files take precedence over
                        home directories.
```

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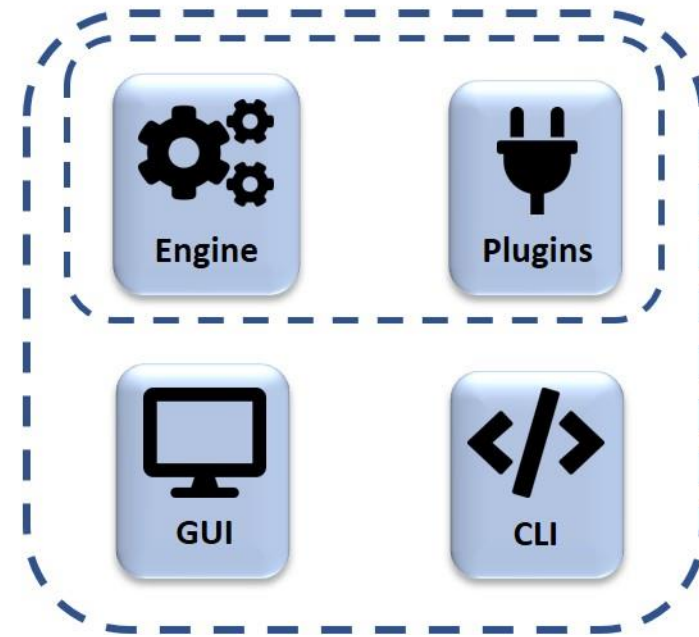


# RiskScape 2.0 Software Development: Components

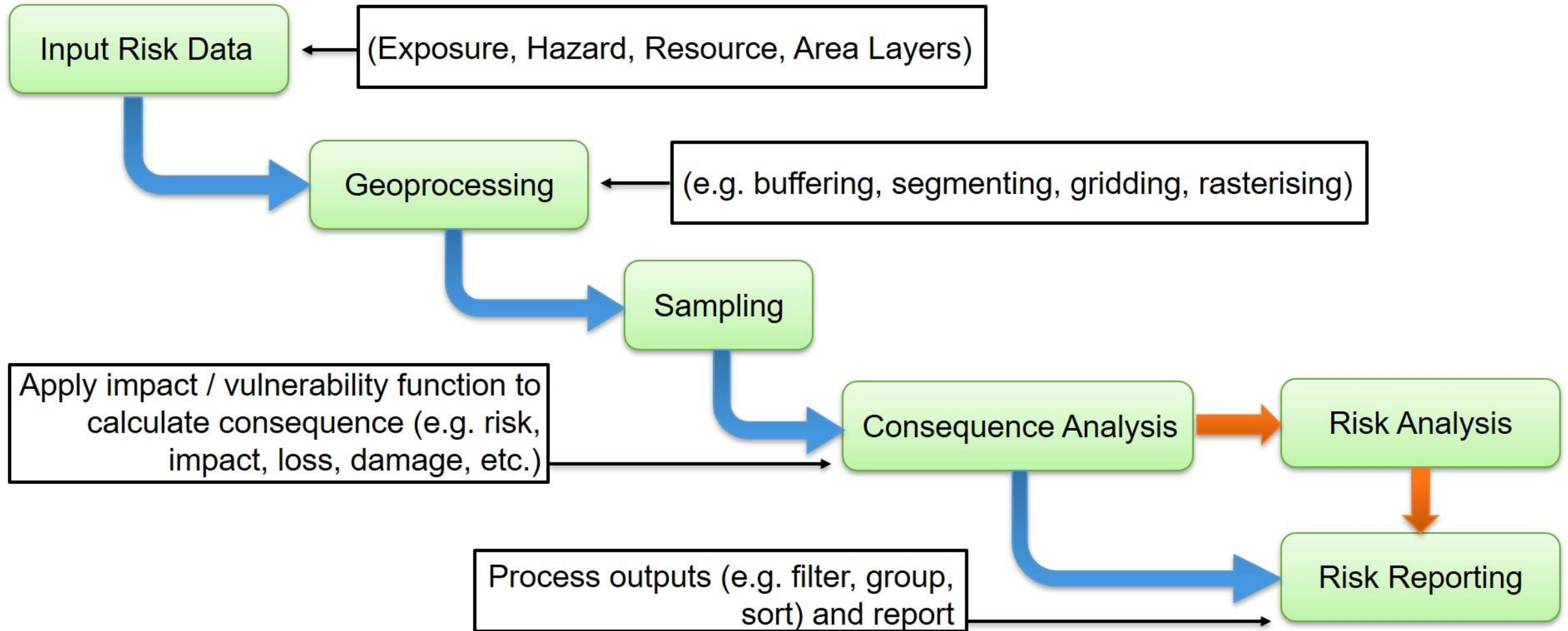
Science/Data – User Defined



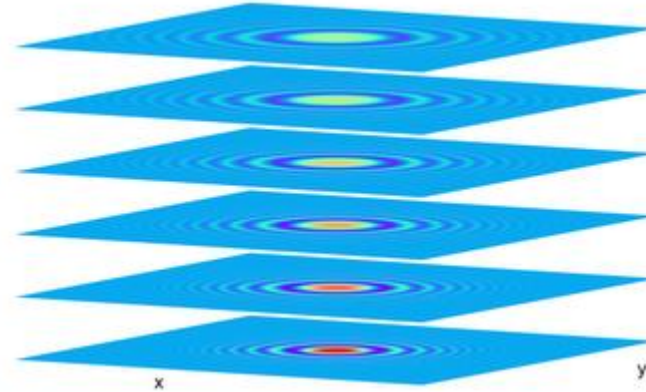
Software – Enables the Science



# RiskScape 2.0 Software Development: Risk Model Workflow



# RiskScape 2.0 Software: Bells and Whistles



# 5-Year Goal: A Multi-hazard Risk Platform for New Zealand

