



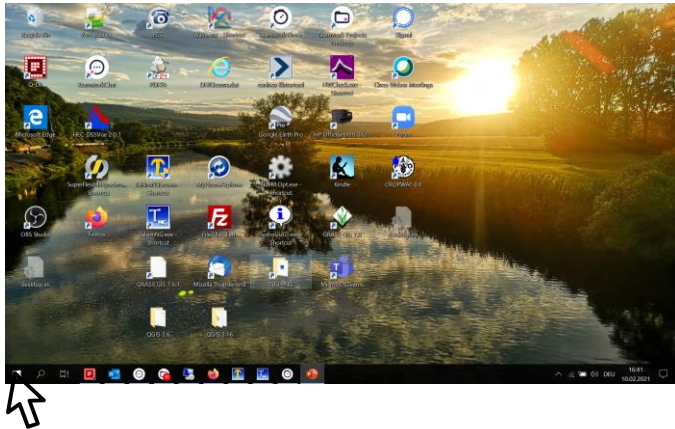
Talsim-NG - River Basin and Water Management Model

Operation Rules in Talsim-NG

Running the software



The Talsim-NG Server must be started first before you start the client software



Startmenu and look up Talsim-NG Server



Or

Create a shortcut on your desktop



Content

Operation Rules in Talsim-NG – The concept

Define releases

[Go](#)

Create state variables

[Go](#)

Define rules by means of functions

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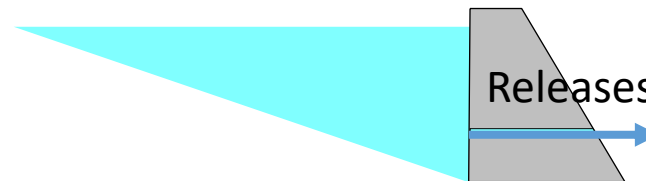
Combine states and build clusters

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TALSIM-NG – Operation Rules: The concept

Managing water with operation rules in Talsim-NG is simple and consists of four principles:

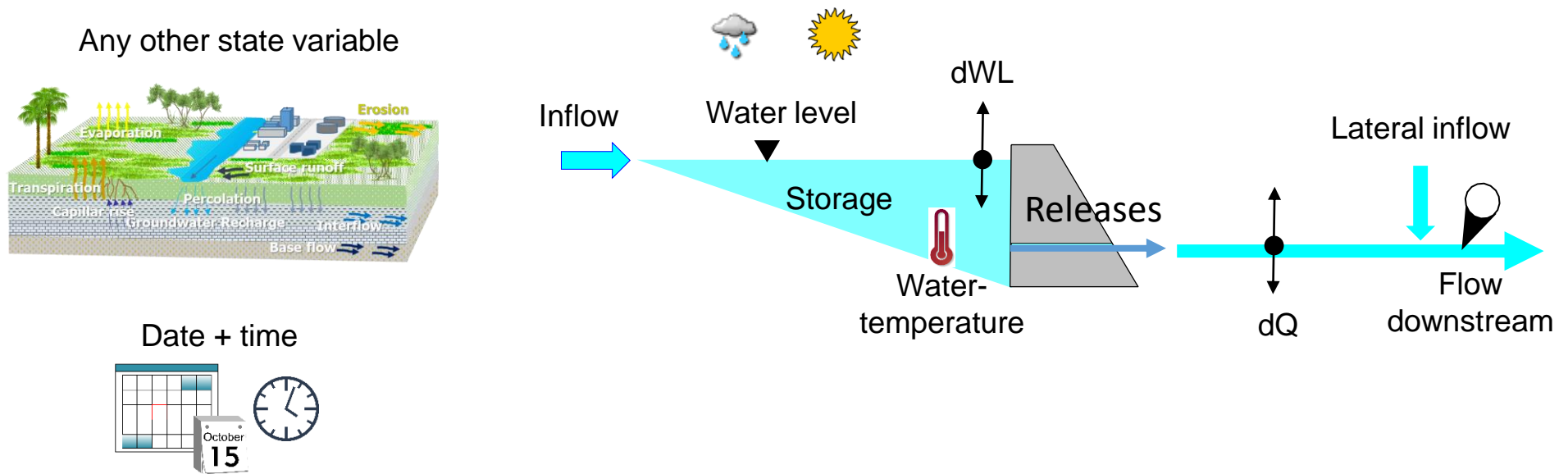
1. Define releases at a reservoir as a function of the storage of that reservoir



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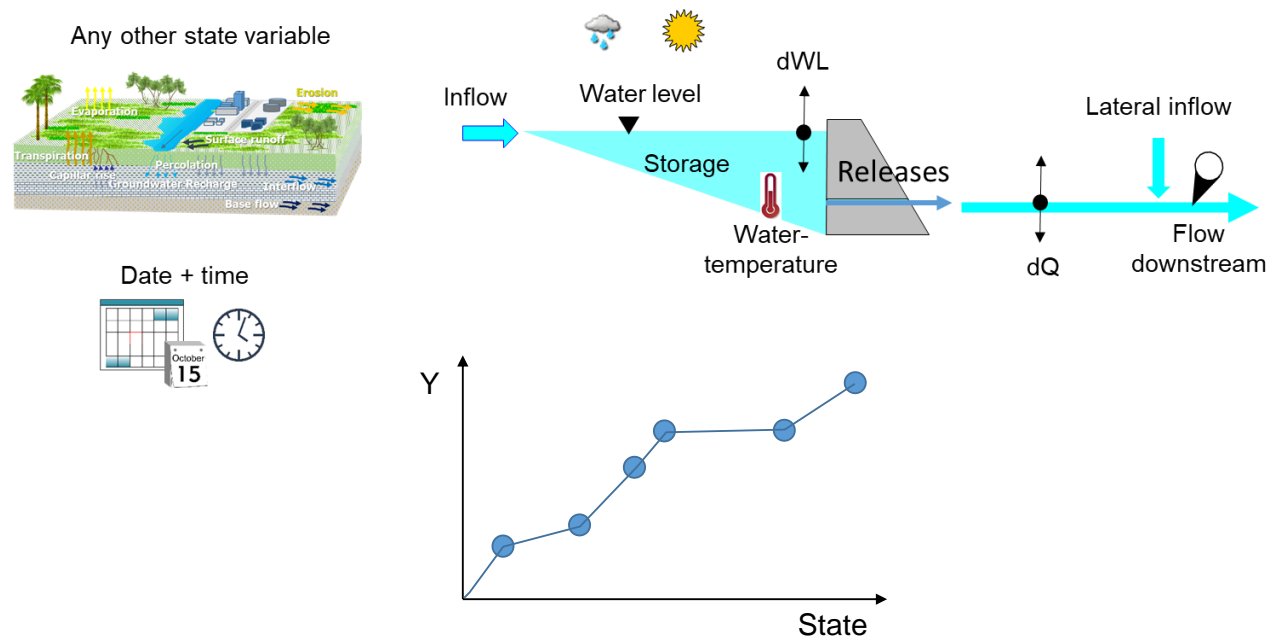
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2. If other states than simple storage-release functions are needed these states must be created first before they can be used



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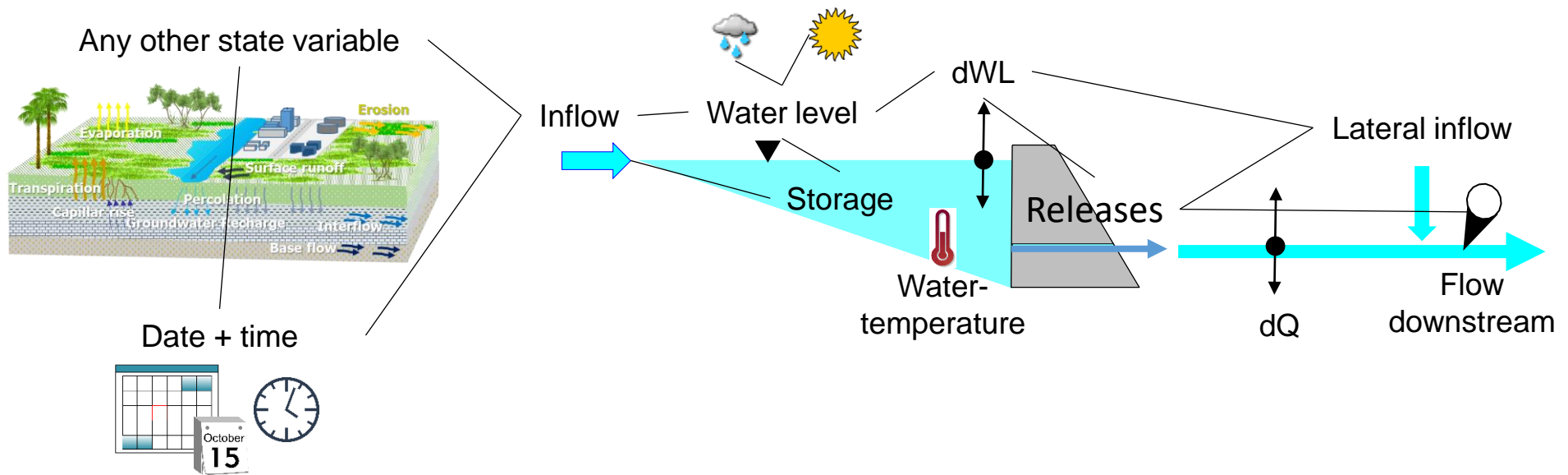
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2. If other states than simple storage-release functions are needed these states must be created first before they can be used
3. All rules are described by means of functions (x-y functions or derivatives thereof)



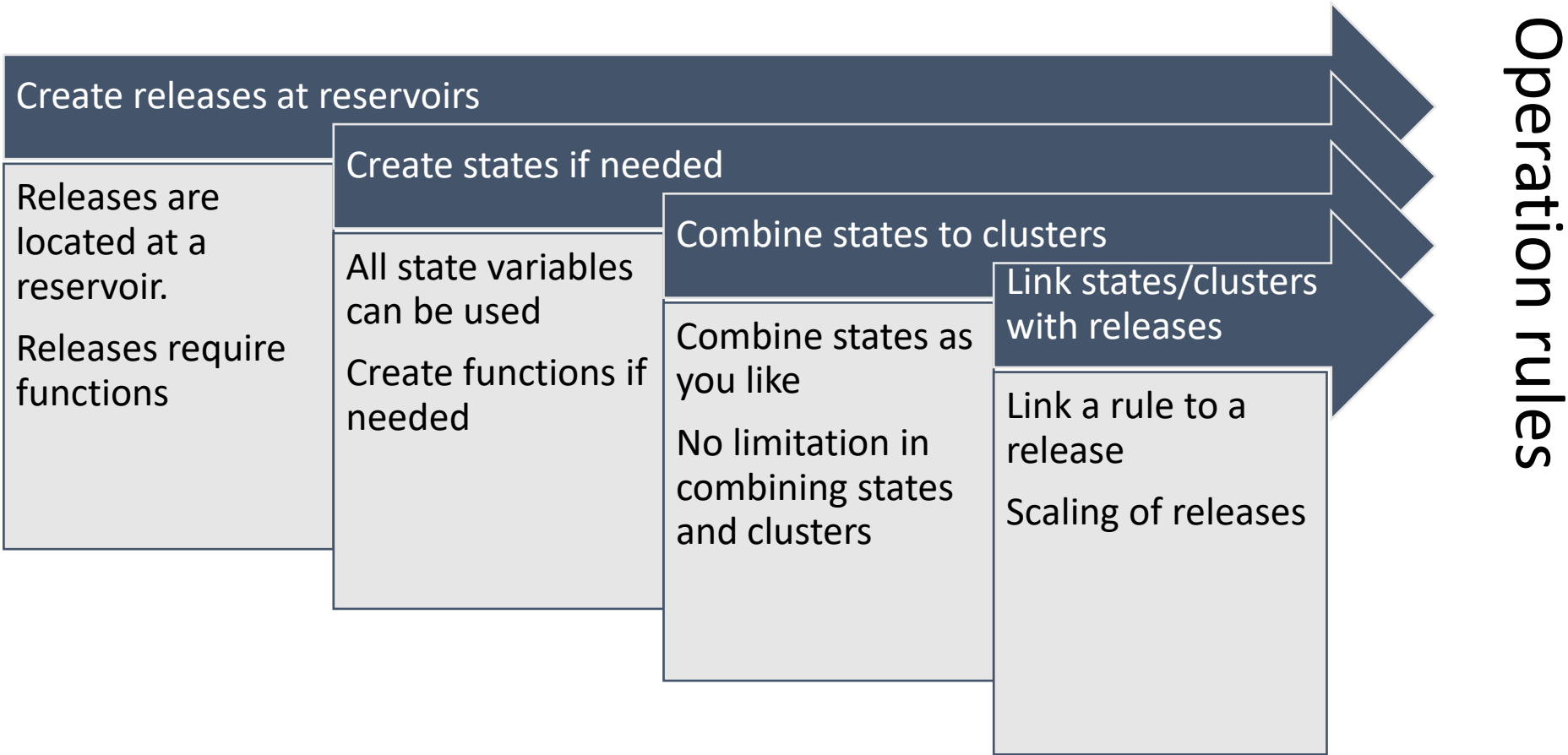
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1. Define releases at a reservoir as a function of the storage of that reservoir
2. If other states than simple storage-release functions are needed these states must be created first before they can be used
3. All rules are described by means of functions (x-y functions or derivatives thereof)
4. States can be combined to control clusters

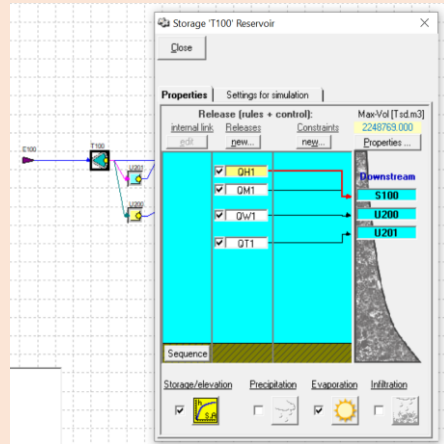


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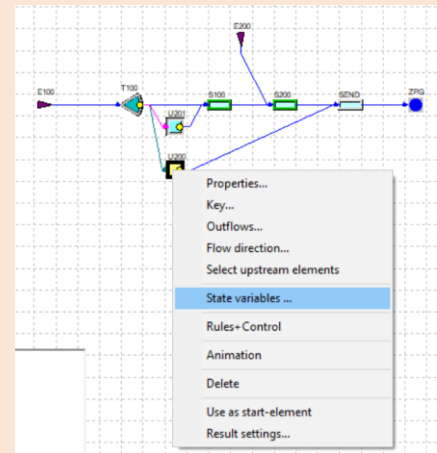


TALSIM-NG – Operation Rules: The concept

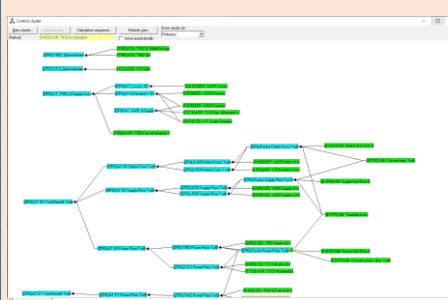
Create releases at reservoirs



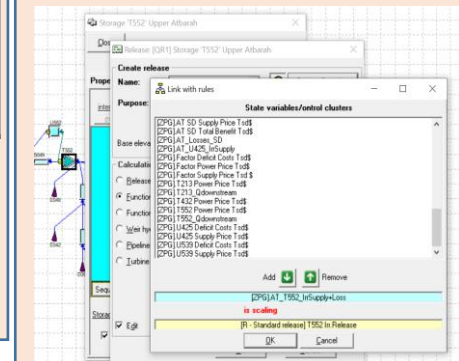
Create states if needed



Combine states to clusters



Link states/clusters with releases



Create a logical network of rules