30207 P events

Soil moisture criteria
- 14562 events (24 h buffer time without rain)
- 226 events (consistency criterion)
- 7169 events (completeness criterion, 99% data)

8250 infiltration events

Infiltration event classification

$\Delta \theta = 1\%$

Spatial: grouping profiles to landscape units
Temporal: $\theta$ and $P$

Analysis:

Rainfall event definition

32025 events classified
- 1392 events (threshold)
- 426 event ($T < 0^\circ C$)

NC
$\Delta \theta < 1\%$
or 10 cm only

SR
Comparison with matrix flow
$\rightarrow$ Fast PF

NSR
Non-uniform flow

$\Sigma P \geq 1 \text{ mm}$
$\geq 12 \text{ h}$