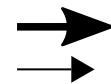


Environment

Variable

Process ("?" = conditional process)

Global Parameter (or Additional Info)



Human Environment Interaction

Variable Dependency

Cell c of N_c

Geographic Properties

Trees

Farming

Area $A(c)$

Midpoint (c_x, c_y)

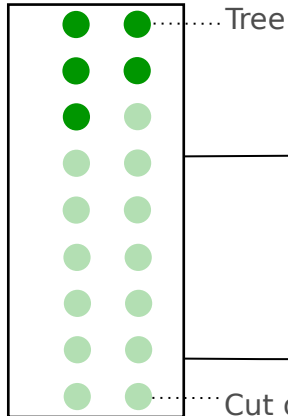
Elevation $el(c)$

Slope $sl(c)$

Current
Nr of Trees
 $T(c, t)$

Tree
Carrying
Capacity
 $T(c, t=t_{\text{arrival}})$

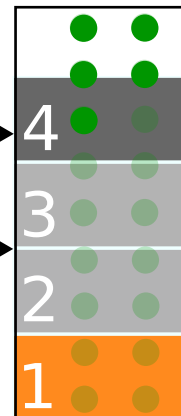
Example Cell



Productivity
index $F_{PI}(c, t)$

- ⊗ Well-suited
- Eroded
- Poorly suited
- 0 (not suited)

Example Cell



Nr of Acres
 $A_{\text{acres}}(c) =$

+ Uncleared Acres

+ Unoccupied,
Cleared Acres

+ Occupied Acres
 $A_F(c, t)$