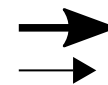


# Environment

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  
 $T(c, t = t_{arrival})$

Example Cell

..... Tree

..... Cut or Burnt Tree

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

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

Example Cell

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

+ **Uncleared Acres**

+ **Unoccupied,  
Cleared Acres**

+ **Occupied Acres**  
 $A_F(c, t)$

