

PLACE YOUR INPUT HERE		
	NUMBER OF MODELS REPORTED:	1
MODEL 1		Watbal
LIST OF MODELS APPLIED		
	name/description of the model/approach	forest water balance model WATBAL
FOREST	for inventory approach: short description or references of BEFs/allometric equations	
	scale of model	forest stand
	input data - required	precipitation, global radiation, air temperature, air humidity, wind speed, cloudiness, LAI, FC, PWP
	data availability	from official meteorological service
	input data - optional	
	model validation/calibration, if any	global radiation, potential evapotranspiration, soil moisture, drainage
MODEL OUTPUT		global radiation, PET, AET, soil evaporation, soil moisture, snowmelt, drainage, surface runoff
	<p>This section should be handled together with the LIST OF MODELS APPLIED, if applicable. Please leave the cell blank if the listed data is not modelled. The steps used to estimate the final value should also be reported for each pool. In case of state-of-t</p>	
C stock	Aboveground Biomass	
	Belowground Biomass	
	Dead wood	
	Litter	
	Soil organic matter	
	<i>Please list more, if necessary.</i>	
Sink/flux	Aboveground Biomass	
	Belowground Biomass	
	Dead wood	
	Litter	
	Soil organic matter	
	Net ecosystem exchange of CO ₂ (NEE)	
	Total ecosystem respiration (R _{eco})	
	Soil respiration	
	Net primary production (NPP)	
	Net ecosystem production (NEP)	
	<i>Please list more, if necessary.</i>	
MODEL 2		
	name/description of the model/approach	forest water balance model BROOK90
FOREST	for inventory approach: short description or references of BEFs/allometric equations	
	scale of model	forest stand or catchment
	input data - required	precipitation, global radiation, air temperature, air humidity, wind speed, vapour pressure, LAI, three hight, tree density, FC, PWP, hydraulic conductivity of soil
	data availability	local
	input data - optional	
	model validation/calibration, if any	throughfall, interception, soil moisture, drainage
MODEL OUTPUT		PET, AET, transpiration, soil evaporation, interception, throughfall, infiltration, soil moisture, snowmelt, drainage, surface runoff
MODEL 3		
	name/description of the model/approach	GOTILWA+, An integrated model of forest growth
FOREST	for inventory approach: short description or references of BEFs/allometric equations	
	scale of model	forest stand

		daily meteorological data, leaf area, leaf biomass, mobile carbon in leaves, maximum mobile carbon in leaves, leaf specific mass, maximum leaf specific mass, diameter at breast height, Basal area, Sapwood area, vigor of stem, wood biomass, branches biomass, mobile carbon in stems and braches, maximum mobile carbon in stems and braches, coarse root biomass, vigor of coarse roots, mobile carbon in coarse roots, maximum mobile carbon in coarse roots, Fraction of respiring sapwood, fine roots biomass, Leaf Shedding, Gross /fine litterfall, Wood density, Cumulated sapflow, Tree Structure, Stand sructure, Seedler/Resprouter
	input data - required	
	availability of the model	free: http://www.creaf.uab.es/gotilwa+/download.htm
	data availability	local
	input data - optional	managed / not managed, type of management practice
	model validation/calibration, if any	NEE, soil respiration, litter decomposition, soil organic matter, leaf area, diameter at breast height, yearly increment, Leaf Shedding, Gross /fine litterfall, Cumulated sapflow, Stand sructure
MODEL OUTPUT		
C stock	Aboveground Biomass	yes
	Belowground Biomass	yes
	Dead wood	yes
	Litter	yes
	Soil organic matter	yes
	<i>Please list more, if necessary.</i>	
Sink/flux	Aboveground Biomass	yes
	Belowground Biomass	yes
	Dead wood	yes
	Litter	yes
	Soil organic matter	yes
	Net ecosystem exchange of CO ₂ (NEE)	yes
	Total ecosystem respiration (R _{eco})	yes
	Soil respiration	yes
	Net primary production (NPP)	yes
	Net ecosystem production (NEP)	yes
	<i>Please list more, if necessary.</i>	leaf area, leaf biomass, carbon content and biomass in leaves, stems, branches, corase roots, Basal area, Leaf Shedding, Gross /fine litterfall, Cumulated sapflow, Tree Structure, Stand sructure,