

## CBFS Keywords for Datasets (from Harvard Forest)

aboveground biomass	carbohydrates	dispersal
aboveground production	carbon	distribution
abundance	carbon cycling	disturbance
acid rain	carbon dioxide	disturbance patterns
agriculture	carbon monoxide	diversity
air pollution	carnivorous plants	ecosystems
air temperature	cellulose	eddy covariance
amino acids	census	evapotranspiration
ammonium	charcoal	evolution
amphibians	chlorophyll	extinction
analytical tools	clearcuts	ferns
ants	climate	fires
arthropods	climate change	flowering
atmospheric deposition	coarse woody debris	foliage
atmospheric pressure	communities	food webs
bacteria	community composition	forest disturbance
biodiversity	community patterns	forest dynamics
biogeochemistry	community structure	future scenarios
biogeography	competition	gas flux
biomass	conductivity	genetics
birds	conservation	geographic information systems
browsing	decomposition	groundwater
bryophytes	deer	growth
calcium	demography	habitats
canopies	dendrochronology	heat flux
canopy cover	detritus	hemlock
canopy gaps	digital elevation model	hemlock woolly adelgid

herbivory	litterfall	nitrification
herbs	liverworts	nitrogen
history	macroinvertebrates	nitrogen compounds
human disturbance	magnesium	nitrogen cycling
humans	mammals	nitrogen deposition
hurricane damage	management	nitrogen mineralization
hydraulic conductance	mangroves	nitrogen-15
hydrocarbons	maple	nitrous oxide
hydrogen	mapping	oak
hydrology	maps	old growth forests
hyporheic zone	metabolism	organic carbon
ice	meteorology	organic matter
imagery	methane	oxygen
insects	microbes	ozone
invasive species	microbial biomass	paleoecology
inventories	microclimate	paleolimnology
irradiance	mineralization	peatland
isotopes	modeling	periphyton
lakes	models	permanent plots
land cover	moose	ph
land use	morphology	phenology
landscape	mortality	phosphorus
leaf area index	mosses	photosynthesis
leaf litter	mycorrhizae	photosynthetically active radiation
leaves	net ecosystem exchange	physiology
lichens	net ecosystem production	pine
life history	net primary production	plant biomass
light	net radiation	plant growth
litter	nitrate	

plant physiology	seedlings	succession
plant species	silviculture	successional dynamics
pollen	simulation	sulfide
population dynamics	snow	sulfur hexafluoride
populations	snow water equivalence	surveys
porosity	soil	survival
potassium	soil chemistry	suspended solids
precipitation	soil disturbance	temperature
predation	soil moisture	thresholds
production	soil organic matter	throughfall
radiation	soil respiration	timber harvest
recruitment	soil solution chemistry	topography
regeneration	soil temperature	transects
region	soil warming	transpiration
regeneration	soil water content	tree growth
relative humidity	solar radiation	tree maps
remote sensing	spatial variability	tree mortality
respiration	species abundance	tree physiology
restoration	species composition	tree rings
rhizosphere	species diversity	trees
riparian	species interactions	trophic structure
roots	species lists	understory vegetation
salamanders	species richness	urban
salinity	stable isotopes	vegetation dynamics
salt marshes	storms	water balance
sea level	stream discharge	water content
sediments	stream ecology	water quality
seed banks	streamflow	water temperature
seed dispersal	streams	wetlands

wind

wind direction

wind speed

wood