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Soil organic amendments for climate-smart agriculture

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ABBREVIATIONS

AH	Acid hydrolysable	MCMC	Markov chain Monte Carlo
AI	Artificial intelligence	MRV	Microbial response variable
ANOVA	Analysis of variance	MWD	Mean weight diameter
CEC	Cation exchange capacity	NH	Non-hydrolysable
CUE	Carbon use efficiency	NMR	Nuclear magnetic resonance spectroscopy
DNA	Deoxyribonucleic acid	NPK	Nitrogen-phosphorus-potassium
DREAM	Differential evolution adaptive metropolis	OA	Organic amendment
DTR	Diurnal temperature range	OM	Organic matter
EA	Elemental analysis	PAW	Plant available water
EMM	Estimated marginal mean	PCR	Polymerase chain reaction
EN	Endogenous	PE	Priming effect
EX	Exogenous	POM	Particulate organic matter
FAST	Fourier amplitude sensitivity test	PR	Priming rate
GHG	Greenhouse gas	RMSE	Root-mean-squared error
GIS	Geographic information system	RNA	Ribonucleic acid
GLMEM	Generalized linear mixed-effects model	SDG	Sustainable development goal
HW	Hot water	SINCERE	Social innovation for nutrient recycling and resource efficiency
IRMS	Isotope-ratio mass spectrometry	SOC	Soil organic carbon
IS	Insoluble	SOM	Soil organic matter
ITS	Internal transcribed spacer	TOT	Total
LM	Linear model	VPDB	Vienna pee dee belemnite
LMEM	Linear mixed-effects model	WRB	World Reference Base for Soil Resources
MAOM	Mineral associated organic matter	WWR	Waterway residues
MBC	Microbial biomass carbon	YE	Yield efficiency