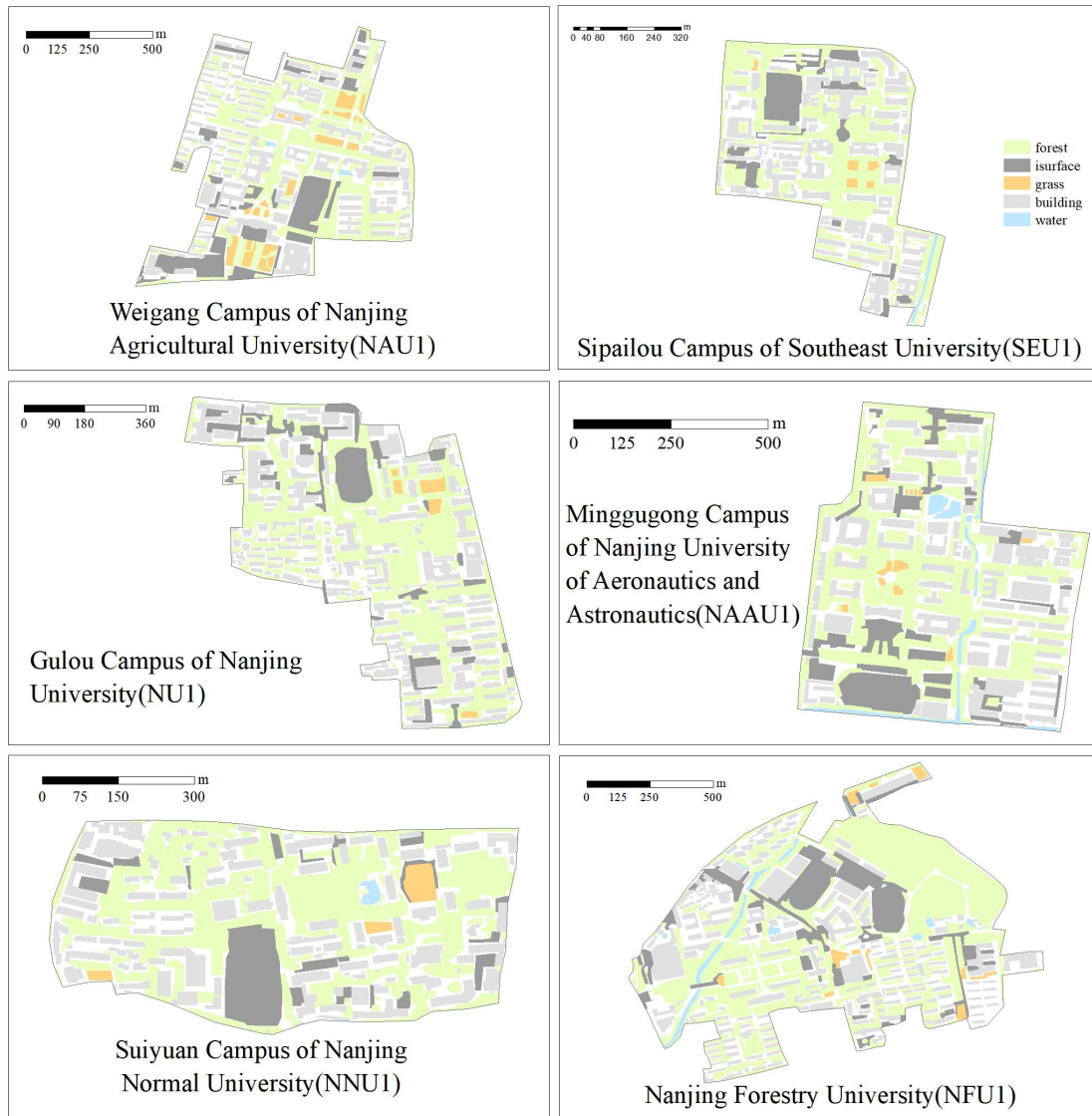


Appendix

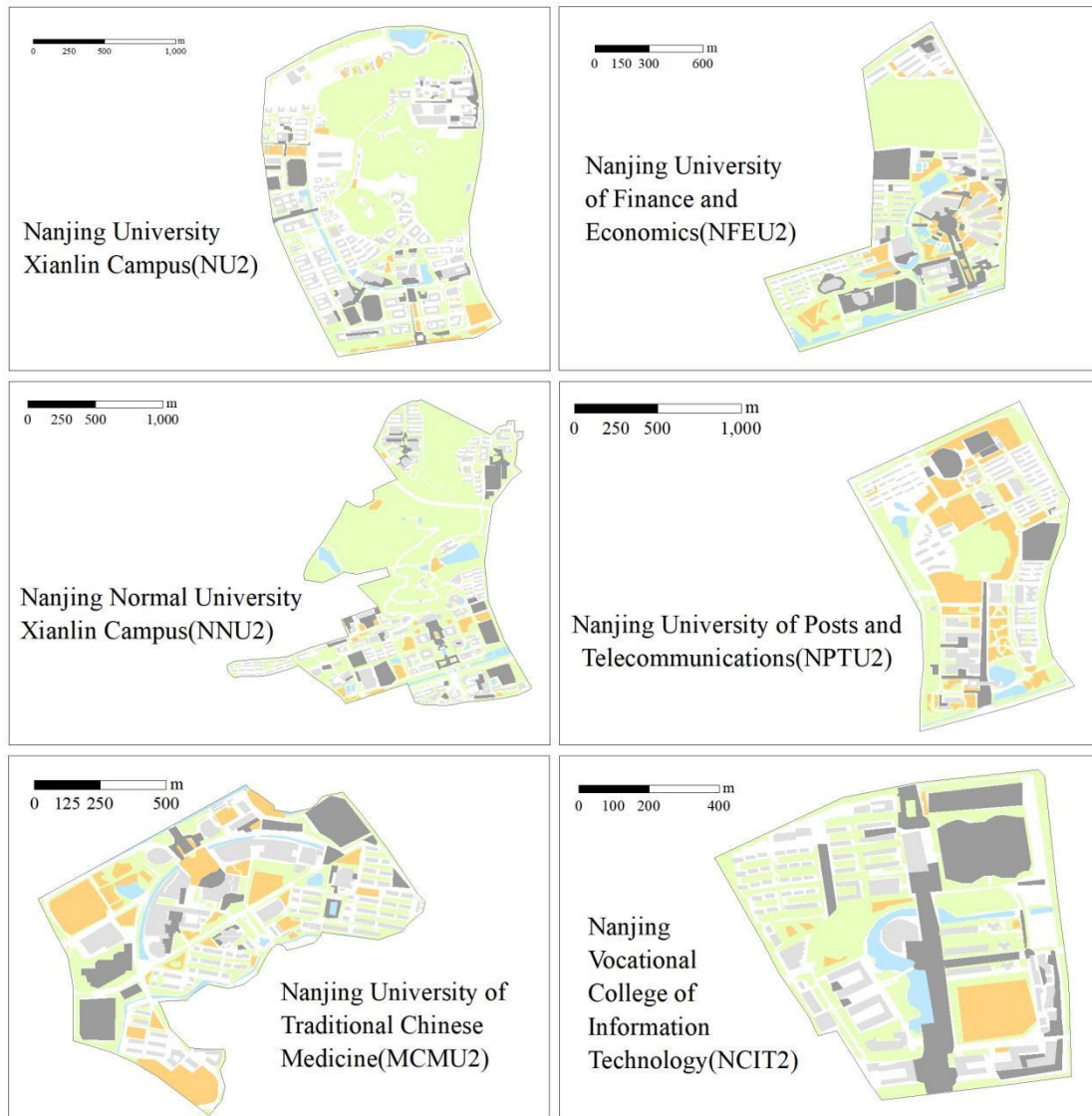
Table A1. The best prediction models of functional diversity (FDMPD, FDMNTD) and phylogenetic diversity (PDMPD, PDMNTD) showing in the order of increasing AICc (Akaike Information Criterion for small sample size), Δ AICc and weight (Akaike weights) based on the multiple linear regression models. df = degrees of freedom, logLik = log likelihood. adj. R^2 = adjusted R^2 . For abbreviations see Table 1.

Time	Response variable	Models	df	logLik	AICc	Δ AICc	weight	adj. R^2
year	FD	water	4	-6.66	27.03	0	0.38	0.00
	FDMPD	building+water	5	-7.12	34.23	0	0.71	0.24
	FDMNTD	water	4	-4.32	22.36	0	0.31	0.02
	PD	grass+water	5	-8.93	37.87	0	0.8	0.36
	PDMPD	water	4	-6.27	26.26	0	0.31	-0.22
	PDMNTD	water	4	-5.07	23.85	0	0.25	-0.04
spring	FD	grass+water	5	-1.29	22.59	0	0.94	0.93
	FDMPD	water	4	-7.77	29.25	0	0.7	0.02
	FDMNTD	building+water	5	-6.5	33.01	0	0.52	0.61
	PD	water	4	-7.44	28.6	0	0.37	0.33
	PDMPD	water	4	-10.59	34.89	0	0.37	-0.09
	PDMNTD	water	4	-9.05	31.82	0	0.43	0.00
summer	FD	building+water	5	-7.37	34.74	0	0.43	0.36
	FDMPD	water	4	-9.42	32.55	0	0.39	0.25
	FDMNTD	water	4	-6.86	27.44	0	0.63	0.69
	PD	building+grass+water	6	1.66	25.47	0	0.55	0.92
	PDMPD	grass+water	5	-5.46	30.92	0	0.29	0.16
	PDMNTD	grass+water	5	-5.51	31.01	0	0.29	0.06
autumn	FD	water	4	-12.12	37.95	0	0.43	0.42
	FDMPD	building+water	5	-11.25	42.5	0	0.41	0.18
	FDMNTD	water	4	-11.82	37.35	0	0.41	0.46
	PD	grass+water	5	-7.51	35.01	0	0.52	0.56
	PDMPD	water	4	-15.57	44.85	0	0.34	0.14
	PDMNTD	water	4	-15.43	44.57	0	0.37	0.02
winter	FD	grass+water	5	-6.02	32.04	0	0.38	0.43
	FDMPD	water	4	-13.77	41.25	0	0.32	0.07
	FDMNTD	grass+water	5	-9.23	38.46	0	0.36	0.49
	PD	building+water	5	-6.62	33.25	0	0.48	0.37
	PDMPD	building+water	5	-9.62	39.24	0	0.52	0.18
	PDMNTD	building+water	5	-4.07	28.15	0	0.43	0.05



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12 Fig A1. Classification of land use types of six universities in the downtown area.



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14 Fig A2. Classification of land use types of six universities in the newly developed area.