

Supplement Materials for

Effect of ecological restoration programs on dust pollution in North China Plain, China

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Tab. S1 The land use categories in the MCD12Q1 IGBP layer and WRF-CHEM pre-processor of WPS module.

Land Use Category	Value	
	WPS Module ¹	MOD12Q1 ²
Evergreen Needleleaf forest	1	1
Evergreen Broadleaf forest	2	2
Deciduous Needleleaf forest	3	3
Deciduous Broadleaf forest	4	4
Mixed forest	5	5
Closed shrublands	6	6
Open shrublands	7	7
Woody savannas	8	8
Savannas	9	9
Grasslands	10	10
Permanent wetlands	11	11
Croplands	12	12
Urban and built-up	13	13
Cropland/Natural vegetation mosaic	14	14
Snow and ice	15	15
Barren or sparsely vegetated	16	16
Water	17	0
Wooded Tundra	18	×
Mixed Tundra	19	×
Barren Tundra	20	×
Unclassified	×	254
Fill Value	×	255

1.The WRF-CHEM land use table is taken from official RWF USERS PAGE, (http://www2.mmm.ucar.edu/wrf/users/docs/user_guide_V3.2/users_guide_chap3.htm#_Land_Use_and)

2.The MODIS IGBP land use table is captured from the USGS. Website: https://lpdaac.usgs.gov/dataset_discovery/modis/modis_products_table/mcd12q1