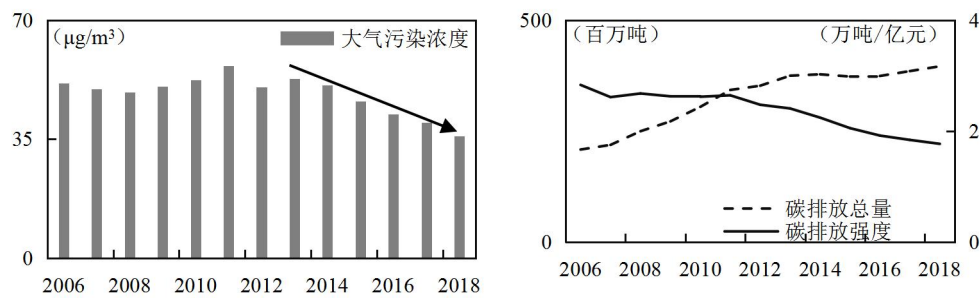


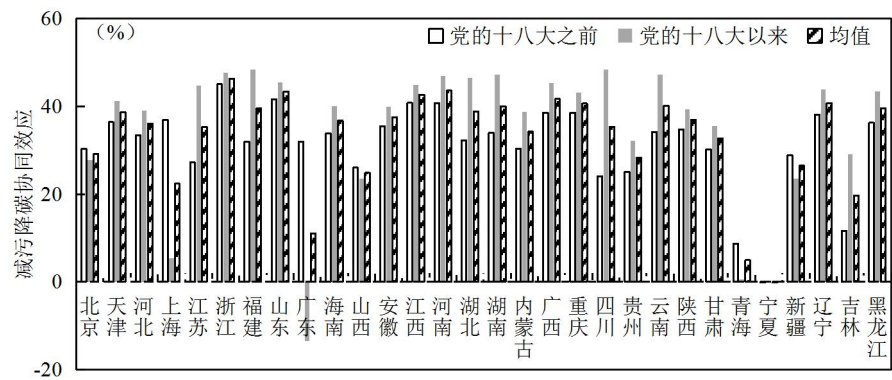
附表 不同情形下的平均边际减排成本

省份	边际减污成本				边际降碳成本			
	基准情形	降碳优先	生态优先	能源革命	基准情形	降碳优先	生态优先	能源革命
北京	45.9781	33.0779	57.2923	47.7510	37.7928	54.6050	47.0398	63.3323
天津	51.6523	33.7393	50.6696	50.2505	28.6643	37.0631	27.8528	27.5320
河北	148.4215	81.0219	120.2272	120.2272	18.6149	19.8421	14.8816	14.8816
山西	111.2412	49.4005	74.1008	74.1008	7.1521	6.4697	4.8523	4.8523
内蒙古	237.3555	178.4177	210.1360	207.7218	9.1132	9.6389	7.2292	7.2292
辽宁	194.5984	123.9962	180.9609	180.9609	16.1157	19.6344	14.7258	14.7258
吉林	128.2703	66.8880	85.6869	89.1989	21.1983	18.2590	13.6943	13.6943
黑龙江	164.6813	109.2443	166.4791	163.6608	13.6356	18.0562	13.8022	13.5430
上海	98.1099	78.3314	126.0874	111.9922	31.1120	49.9130	40.0085	36.1060
江苏	223.1684	203.3724	272.7389	251.6061	19.9363	35.3725	25.0954	25.9242
浙江	216.4355	182.8018	279.4147	287.8298	24.5863	41.2748	31.5858	32.5014
安徽	87.5089	68.7536	105.5395	95.8588	15.0718	23.5165	18.2767	15.9551
福建	186.8299	156.2553	241.4371	232.9154	25.4450	42.5284	32.7775	31.3280
江西	102.5214	78.3574	117.5519	115.5967	29.2595	42.9405	32.1995	31.8187
山东	253.9622	181.6916	271.9995	273.0698	17.1438	23.6454	17.7130	17.7548
河南	157.0221	110.6827	165.9894	161.2925	22.4277	30.7072	23.3717	22.7388
湖北	112.1004	86.8004	132.0677	130.1028	25.4032	38.8651	29.6422	29.0918
湖南	119.3919	94.3496	145.5016	141.2521	24.2914	37.8306	29.2724	28.1536
广东	105.5950	117.0330	122.8110	29.4415	8.4778	12.3261	10.6619	2.4466
广西	117.9605	78.3542	109.6566	107.4773	27.1121	33.1007	25.3396	24.2204
海南	56.2524	37.1696	56.2131	52.2298	18.2672	24.5262	18.7739	16.6665
重庆	76.0729	59.7305	86.8090	87.8090	30.9788	45.1096	33.8118	33.9375
四川	145.3711	108.1765	166.0716	168.3438	30.5525	44.1851	33.8234	34.2142
贵州	104.0390	50.2094	75.3142	75.3142	12.7587	12.0464	9.0348	9.0348
云南	171.9024	117.3268	175.0017	170.2932	19.6294	26.6001	19.8319	19.2229
陕西	106.0364	61.9276	92.8915	92.8915	14.2143	16.0560	12.0420	12.0420
甘肃	68.6773	34.8457	52.2685	52.2685	17.9125	17.9401	13.4550	13.4550
青海	36.0931	12.4107	18.6161	18.6161	25.0262	17.5078	13.1308	13.1308
宁夏	32.1062	10.7021	16.0531	16.0531	7.8574	5.2383	3.9287	3.9287
新疆	78.6336	35.2505	52.8758	52.8758	13.8403	12.5533	9.4150	9.4150

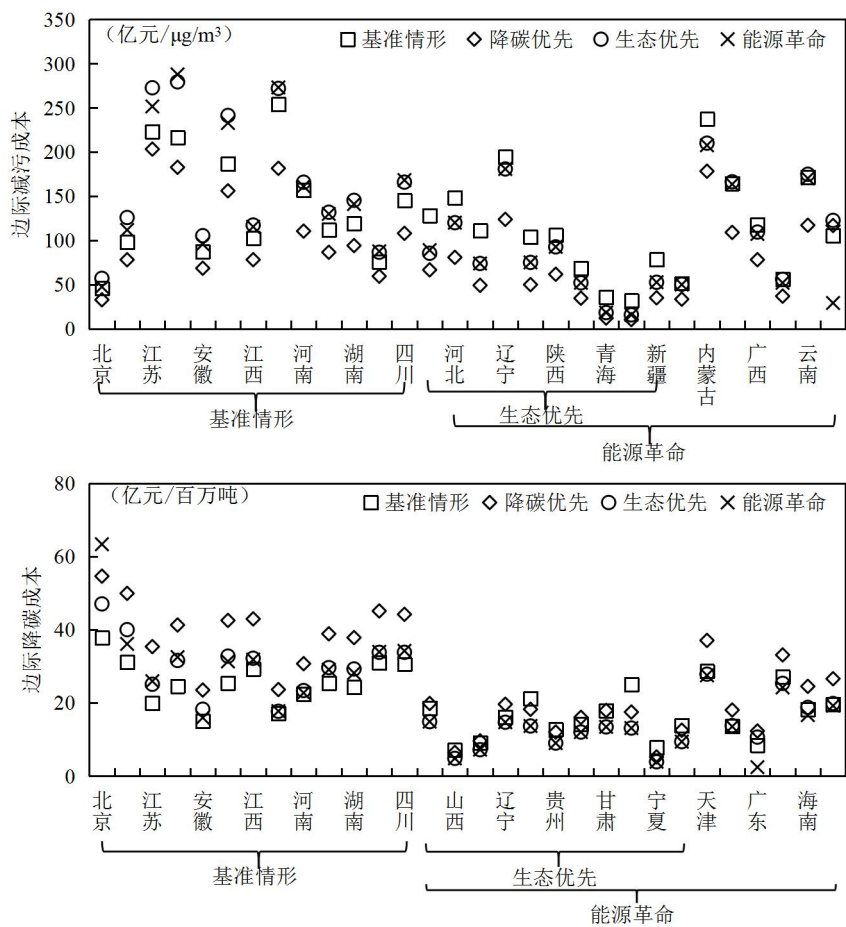
注：边际减污成本的单位为亿元/（ $\mu\text{g}/\text{m}^3$ ）；边际降碳成本的单位为亿元/百万吨；加粗数字为各省份平均边际减排成本最小化的情形（不包含降碳优先情形）。



附图 1 我国大气污染与碳排放治理成效：2006—2018 年



附图 2 党的十八大前后减污降碳协同效应的比较



附图 3 基于边际减排成本的减污降碳协同增效路径