Contents

1	Data	and Method	1
	1.1	Data and Numerical Simulation Design	1
	1.2	Method	5
		1.2.1 The Definitions of Monsoon Indices	5
		1.2.2 Filter: Lanczos Filter	6
	Refe	rences	6
2	Climate Change Simulation and Projection Based on CMIP5		
	2.1	Surface Air Temperature	8
		2.1.1 Global Scale	8
		2.1.2 China	66
	2.2	Precipitation	73
		2.2.1 Global Scale	73
		2.2.2 China	131
	2.3	Monsoon Index	138
3	Attribution of Responsibility for Historical Climate		
	Cha	nge from Developed/Developing Countries	143
	3.1	Numerical Simulation of Historical Climate Change Forced	
		by Emissions from Developed/Developing Countries	144
	3.2	Projection of Future Climate Change Based on Commitment	
		After the Cancun Agreement	163