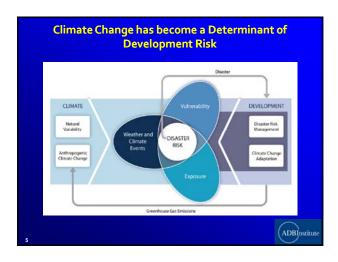
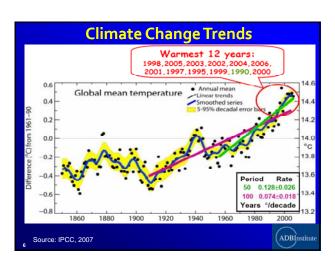


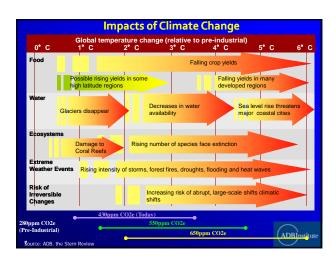
Outline How costly is climate change to the Asia-Pacific Region? What are priority sectors/actions in adaptation/mitigation efforts? How can countries adapt to a highly uncertain climate change? How much investment is needed to climate-proof development?

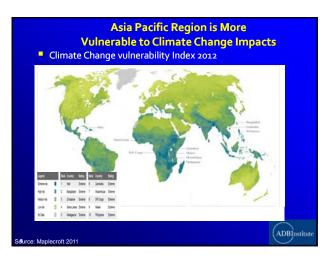
Climate Induced Disasters and Damages Asia and the Pacific (1980-2009): 38% of global economic losses due to climate related events						
Event	People Affected (Million)	Deaths	Economic Losses (\$ Billion)	Damages (% of GDP)		
2011 Thailand Flood	13	over 68o	45.5	13		
2011 NE Japan Earthquake	0.3	16,000	204	4		
2010 Pakistan Flood	Over 20	Over 1,980	10.1	5.1		
2009 Philippine Typhoon	9.3	956	4.4	2.7		
3				ADBInstitute		

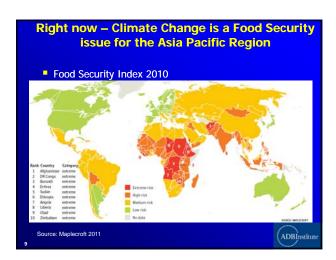


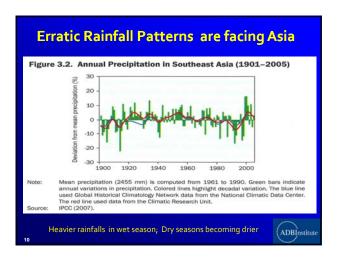


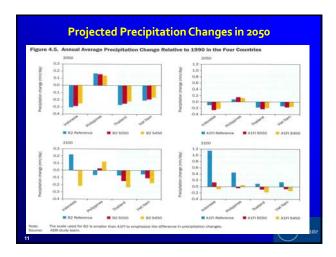


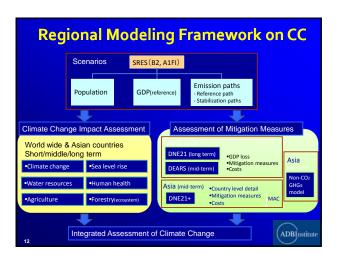


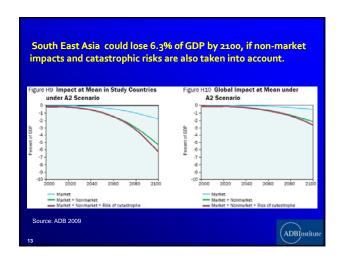


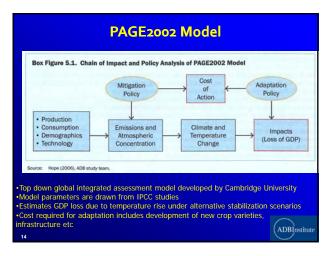


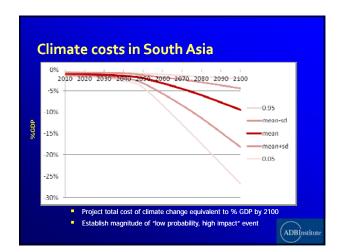


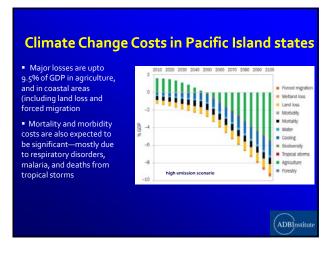


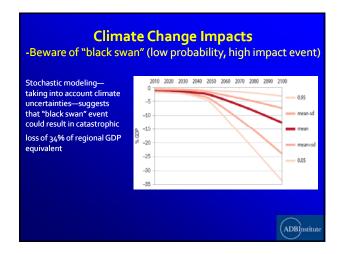


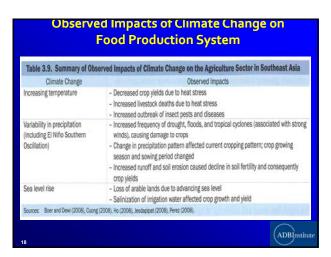


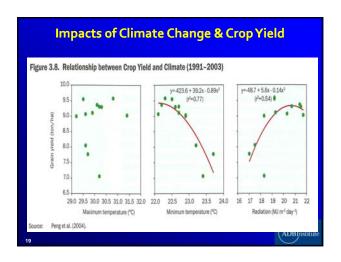


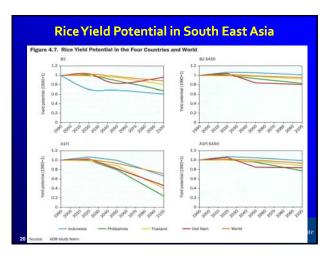


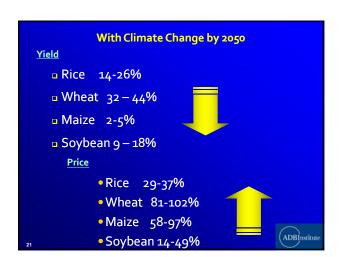


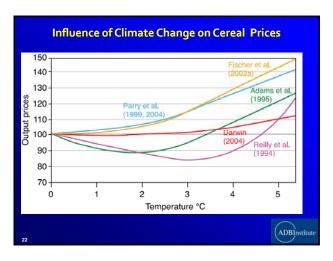


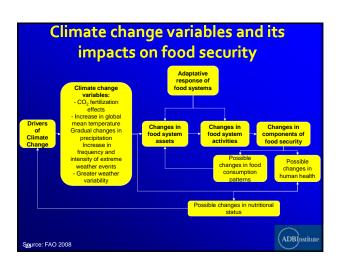












Practice	Scale	Reactive/Proactive	Planned/Autonomous	Example
Adjustment of cropping calendar and pattern	Local	Reactive	Autonomous	Widely used
Changes in management and farming techniques	Local	Reactive	Autonomous	Widely used
Use of heat-resistant varieties	Local/ Sub-regional	Proactive	Autonomous	Widely used
Diversified farming, inter-cropping, crop rotation	Local	Proactive	Autonomous	Widely used
Utilization of SOI in designing cropping strategy	Local/ Sub-regional	Proactive	Planned	Indonesia
Implementation of index-based insurance	Local/ Regional	Proactive	Planned	Thailand, Viet Nam
Development of early warning systems	Local/ Regional	Proactive	Planned	Philippines, Thailand, Viet Nam
Improvement of irrigation efficiency	Local	Reactive	Planned	Viet Nam
Source: ADB 2009				



