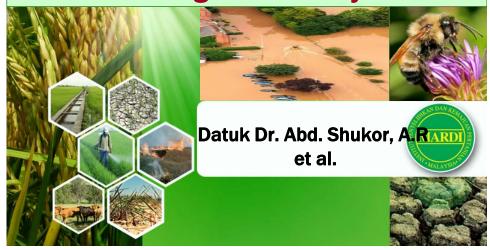
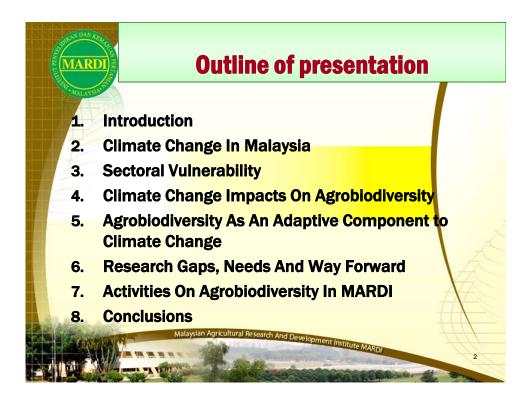
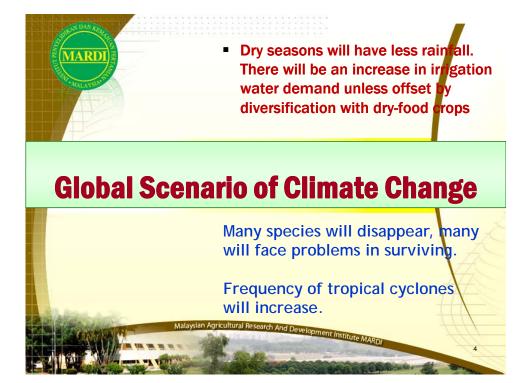
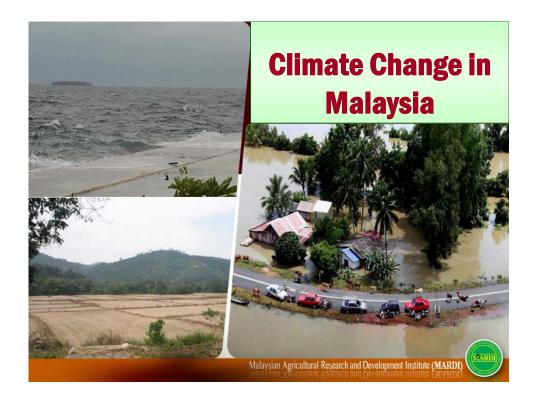
Impacts of Climate Change to Agriculture Biological Diversity

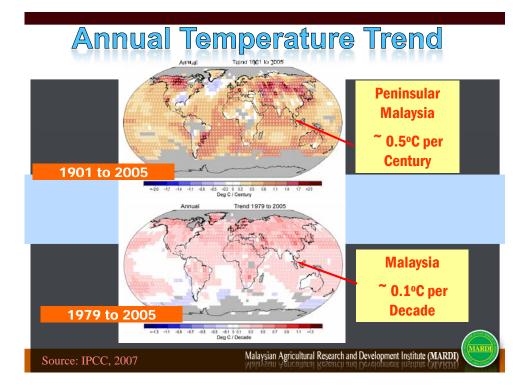


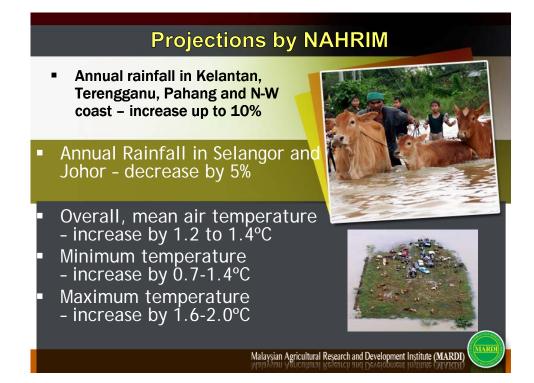












Sectoral Vulnerability

Southeast Asia

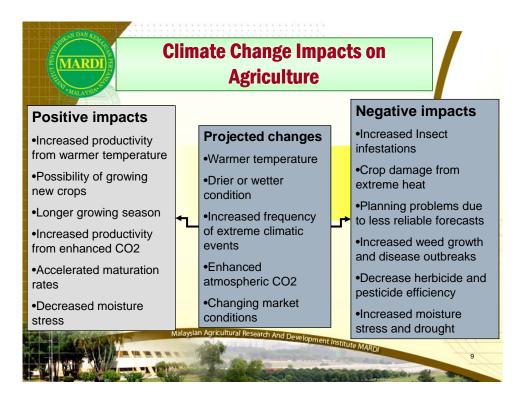
Sector	Vulnerability	Confidence
Food & Fiber	Highly	High
Water Resource	Moderate	High
Biodiversity	Highly	High
Coastal Ecosystem	Highly	High
Land degradation	Highly	High

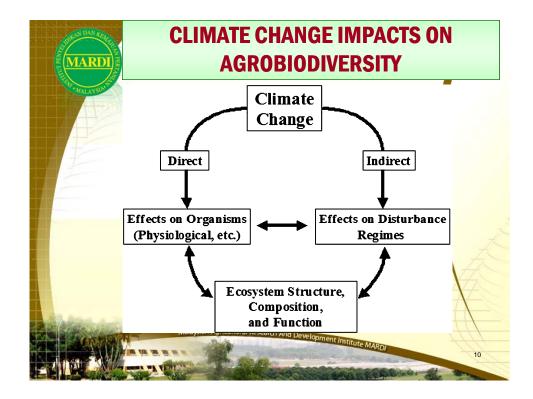
IPCC; AR4

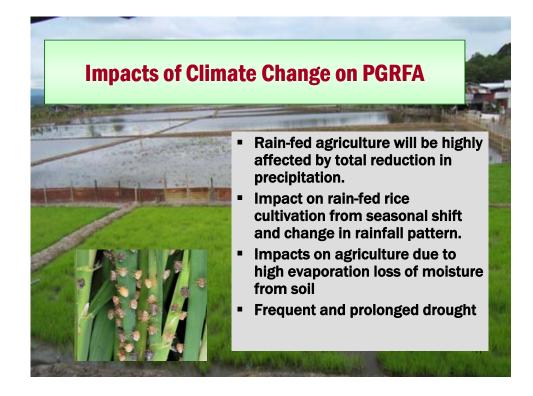
Vulnerability; highly, moderately , moderately resilient

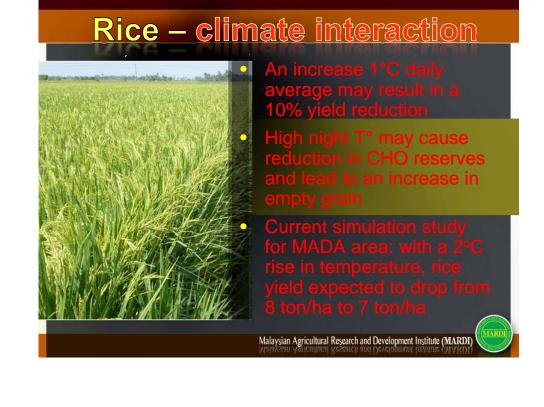
Confidence; V. high, high, medium , low

Malaysian Agricultural Research and Development Institute (MARDI)

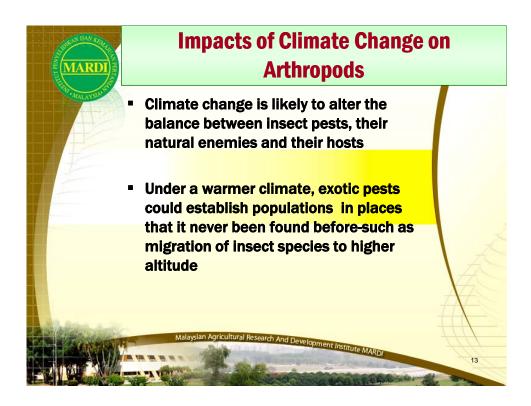


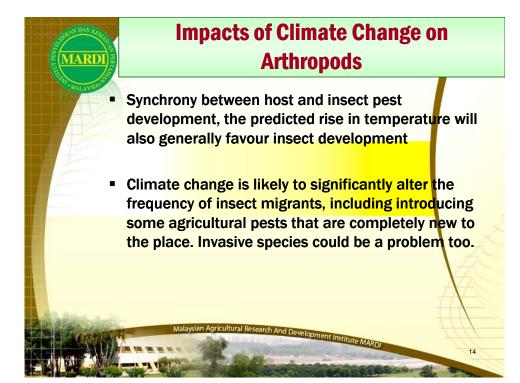


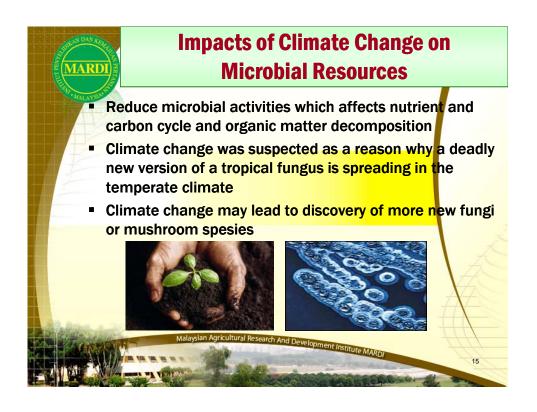


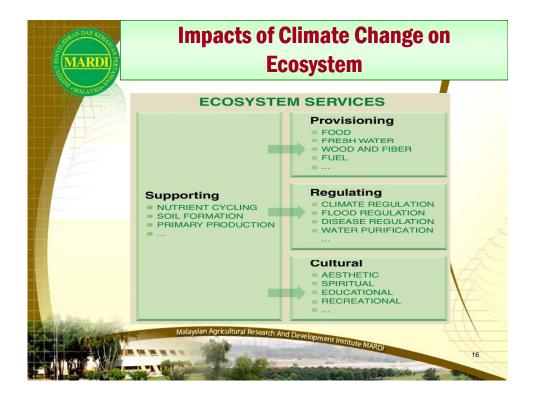


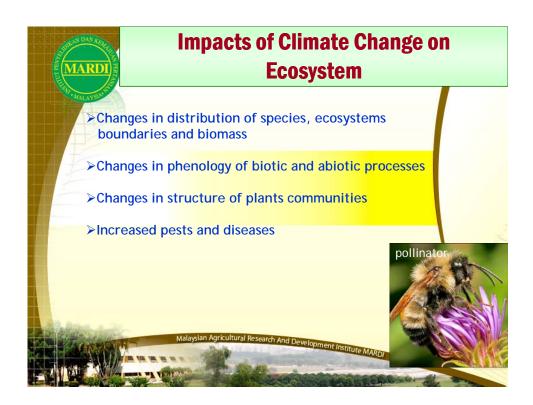
6







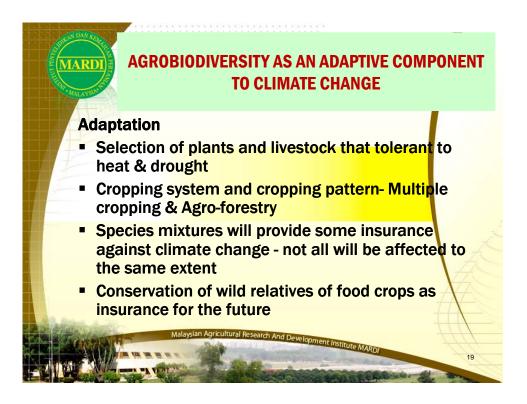




AGROBIODIVERSITY AS AN ADAPTIVE COMPONENT TO CLIMATE CHANGE

Mitigation

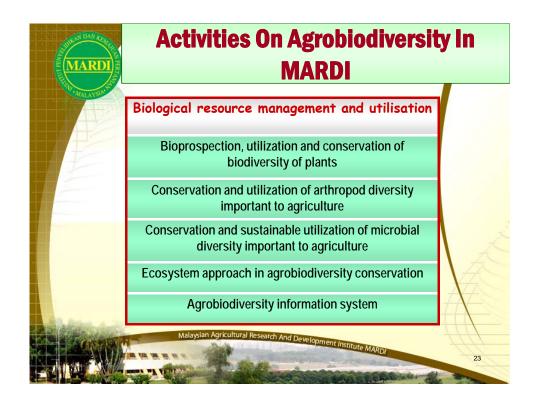
- In situ conservation of adapted biodiversity
- On-farm conservation and crop management
- Use IPM options to reduce vulnerability to changes in pathogen distribution
- Better matching of adapted germplasm to climate variability

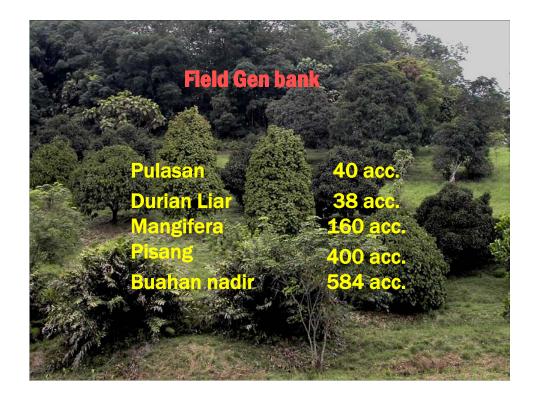


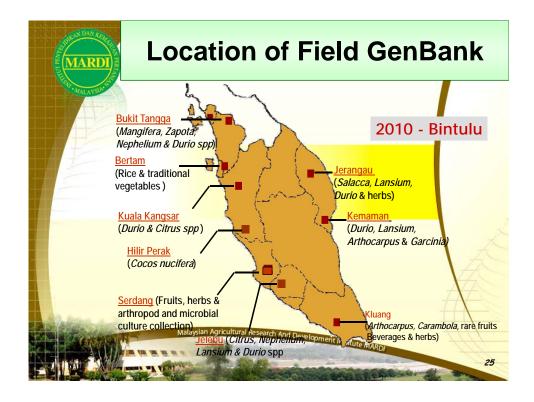




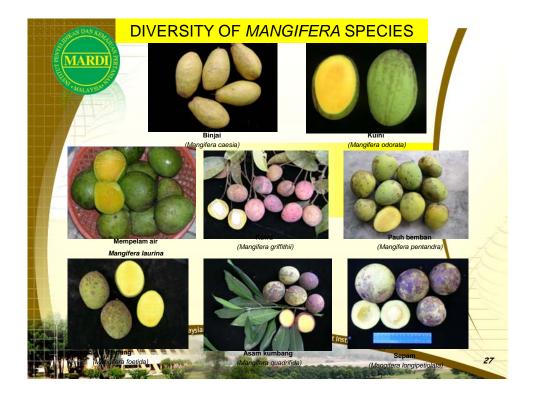








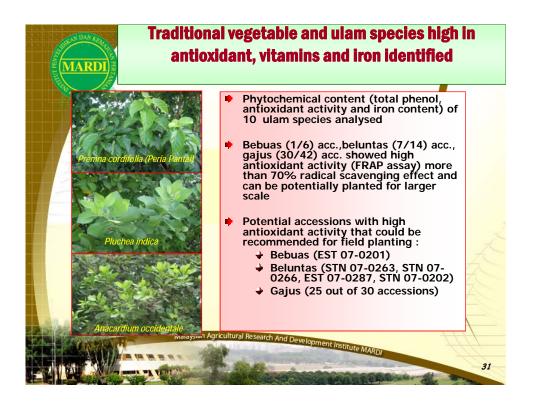






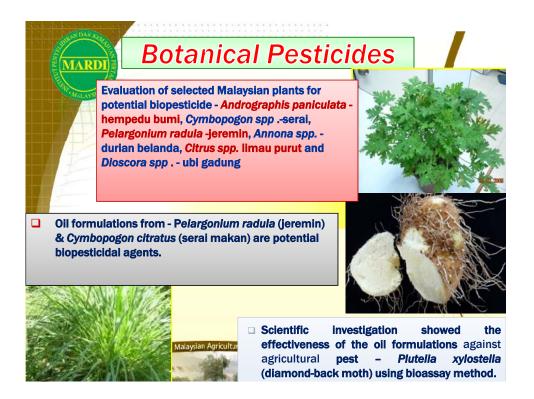








MARDI	Seed Geneba	ank Seberang Pe	rai
Rice	ous Vegetables	11,940acc.	
Teru Cili B Cili A	Besar	25 acc. 7 acc. 48 acc.	
	ranth a Ular ng Pipit	11 acc. 9 acc. 10 acc.	Å
	ng Bulu ng Botor rs	10 acc. 12 acc. 368 acc.	
	Malaysian Agricultural Research An	d Development Institute MARDI	33











Microbial group conserved	No. of Isolates conserved at the end of 2000	No. of Isolates collected (2001- 2005)	No. of isolates screened and characterized (2001-2005)
			אין היאר איז
ungus	9 26	1132	

RDI IVIICROBES		
Application	Microbial Group	Isolates
Biofertilizer	N-Fixing Bacteria.	59
	P-Solubilizing Bacteria	55
Biopesticide & Bio herbicide	Exsehilum spp.	83
	Actinomycetes	16
Volatile Fatty Acid degrader	Bacteria	74
	Actinomycetes	50
Cellulose degrader	Fungus	59
Cellulose degladel		



