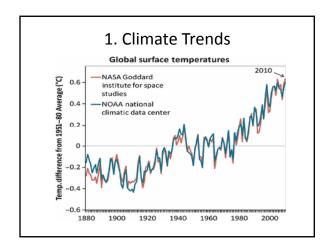
LS 2X03 - Lecture 9 – Climate Change and Indirect Impacts

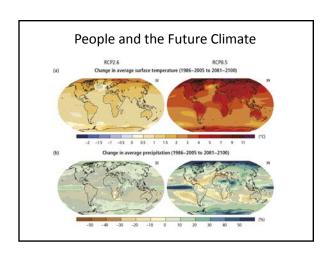
- 1. Climate Trends
- 2. Effects of Climate Change on Social Dynamics
- 3. Climate Change and the Limits of Crops
- 4. Vulnerability to Climate Change

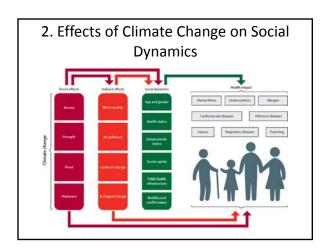
Key Concepts

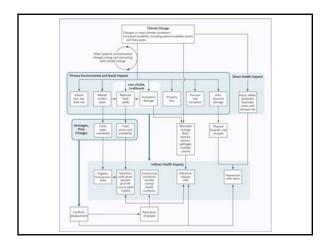
- Impacts of Climate Change on Social Dynamics and Associated Feedbacks
- Impacts of Climate Change on Crops: trends
- Impacts on Food Prices and Nutrition
- Climate Change as a Driver of Conflicts and Population Migration

STUDENT ACCESSIBILITY SERVICES	NOTETAKERS NEEDED WE NEED YOUR HELP!
	Are you in class regularly? Do you take legible notes? Do you want to volunteer for students with disabilities?
	Apply to be a notetaker for this class! The Volunteer Notetaking Program needs you!
	What's in it for you?
	 A valuable volunteer experience opportunity
	 A letter of reference
	 Improvement in your own notes—which could mean better grades!
	Apply online at
	sas.mcmaster.ca
McMaster University	mcmaster.sas sas.mcmaster.ca Sas@mcmaster.ca









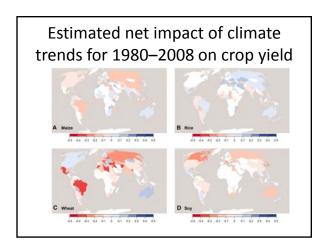
Climate and Air Pollution

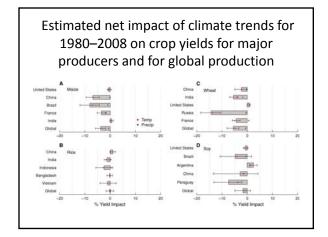


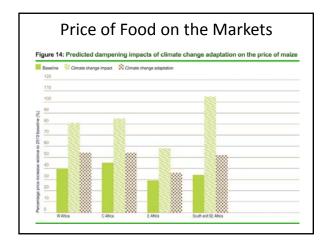
3. Climate Change and the Limits of Crops



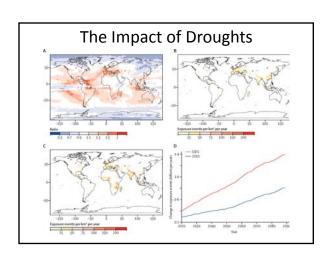
Crops and Temperature Changes • Global production potential, is threatened at:

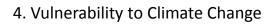


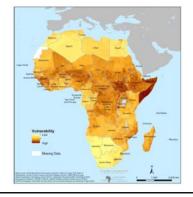




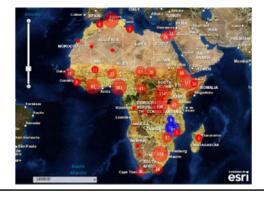


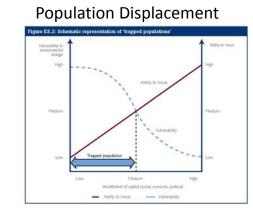


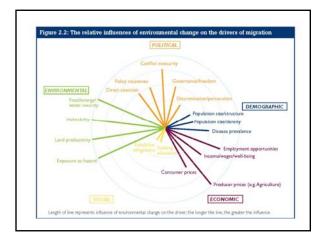


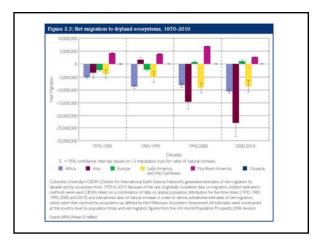


Climate Change and Conflicts









Conclusion

- There are direct and indirect effects of climate change on health and wellbeing
- Climate change will impact crops and livestock as there are physiological limits to their health, productivity, and survival, which are related to temperature
- Climate is likely to be a source of conflicts and displacement, particularly affecting trapped populations

F	n	h	,	٦.	F	ı	_	<u> </u>	t		r	Δ	C	١ı	14	٥ د	- 1	۲i	^	r	
	H	u	(וע		ᄔ		L	L	u	•	C.	L.	π	Jŧ	=:	١.	LI	u	и	

1. What can international aid agencies do to help the countries most vulnerable, mitigate the impacts of climate change on their food supply?

•

- 1. For next Lecture: read Article 9
- 2. Tutorials this week: Introduction to Group Presentations + Group Contract

ī.		