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Economic and Social Commission for Western Asia

Food Security in the Arab region: A follow to the Arab Horizon 2030

Fidele Byiringiro
FEPS/SDPD

Regional Meeting on Promoting Food and Water Security in the Arab Region
Kempinski Hotel, Amman, Jordan, 27-28 November 2019

Content

- Publication Food Security Horizon 2030
 - Takeaway 1: Pockets of food insecurity
 - Takeaway 2: Divergence between production & consumption
 - Takeaway 3: Growing reliance on world food markets
 - Takeaway 4: Dwindling natural resources in the face of climate change
 - Takeaway 5: Simulations pointing towards
- Upcoming publication

Arab Horizon 2030: Prospects for enhancing food security in the Arab region

- Partnering Institutions:
 - **ESCWA** (Roula Majdalani, Reem Nejdawi, Mohamed Al-Hamdi, Fidele Byiringiro) &
 - **FAO** (Abdessalam Ould Ahmed, David Sedik, Mohamed Ahmed, Holger Mathey)
- Other contributing organizations and experts: WHO (access to food), AUB (nutrition), Panos Konandreas (food security & trade), Christopher Ward (agricultural & natural resources), Suzan Razzaz, Marie Therese Abi Saad, Talal Darwish, Ali Fadel, Musa McKee

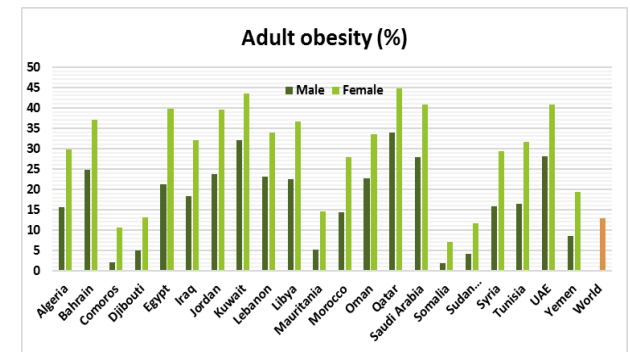
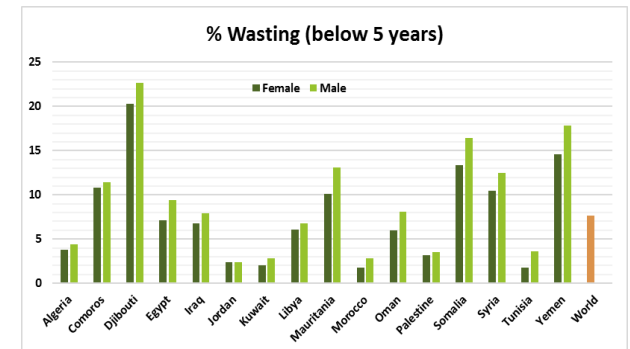
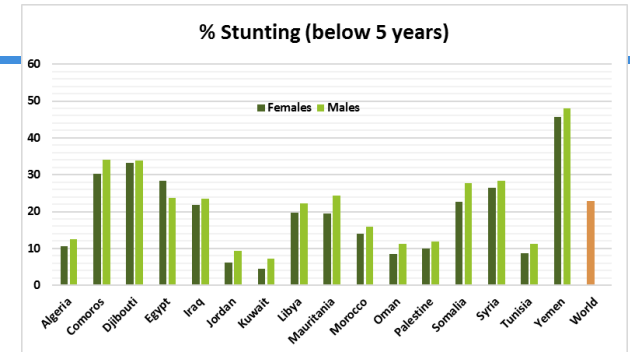


Arab Horizon 2030: Prospects for Enhancing Food Security in the Arab Region



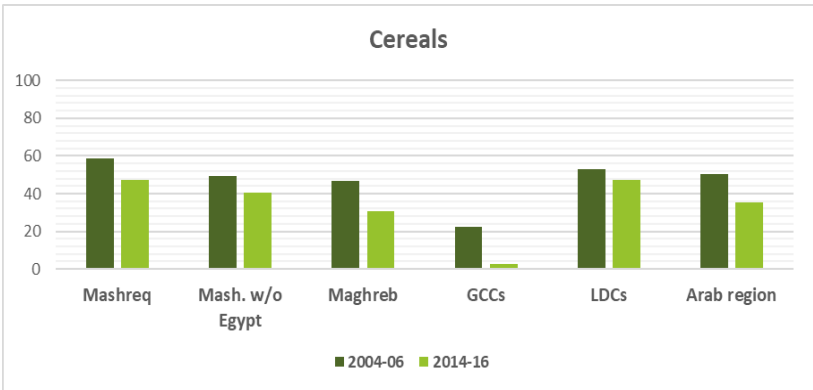
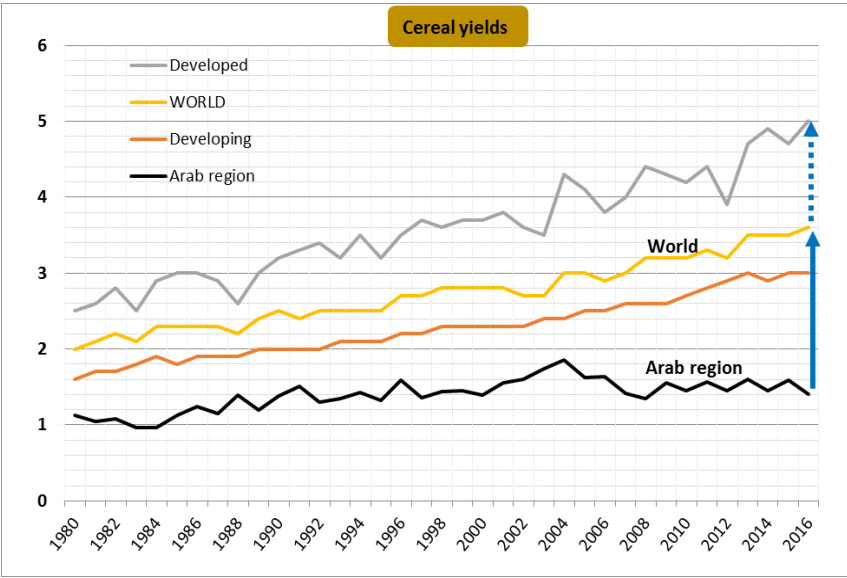
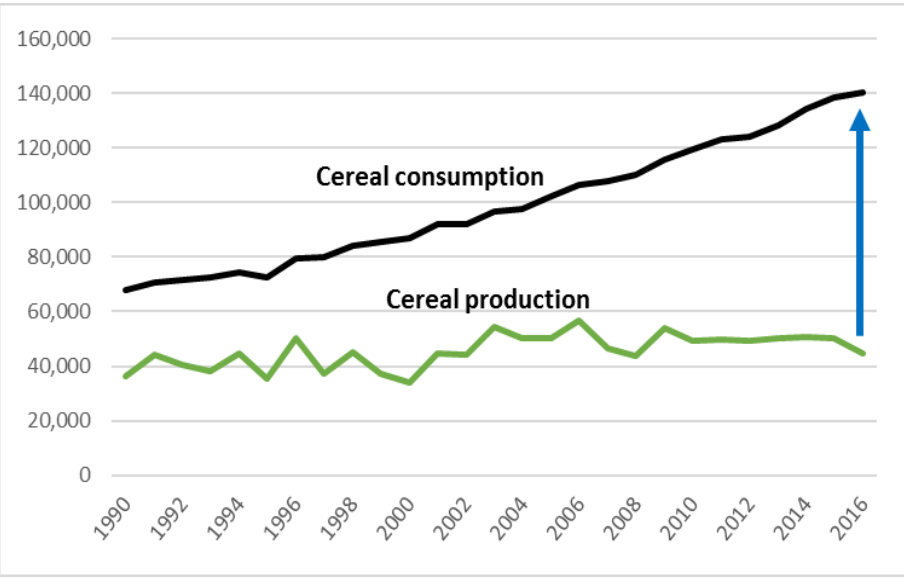
Takeaway 1: Food insecurity is affecting many

	Prevalence of under-nourishment (%)	Depth of food deficit (kcal/capita/day)	Depth of food deficit (%)	Depth of food deficit in cereal equivalent (MT)
Algeria	<5.0	20	0.6	69,511
Bahrain	<5.0	..	..	..
Comoros	70.0	..	..	..
Djibouti	15.9	118	4.4	10,261
Egypt	<5.0	12	0.3	100,497
Iraq	22.8	185	7.2	605,767
Jordan	<5.0	13	0.4	8,253
Kuwait	<5.0	21	0.6	6,473
Lebanon	<5.0	29	0.9	11,712
Libya	<5.0	..	..	..
Mauritania	5.6	36	1.2	12,260
Morocco	<5.0	31	0.9	97,112
Palestine	31.0	..	..	..
Oman	<5.0	33	1.0	15,328
Qatar	..	..	..	..
Saudi Arabia	<5.0	9	0.3	23,761
Somalia	..	..	..	..
Sudan	39.0	176	7.7	766,544
Syria	<5.0	..	..	..
Tunisia	<5.0	3	0.1	2,979
UAE	<5.0	18	0.5	8,530
Yemen	26.1	182	8.2	461,996
Developing	12.9	96	3.4	..
Developed	<5.0	8	0.2	..
World	10.8	81	2.8	..



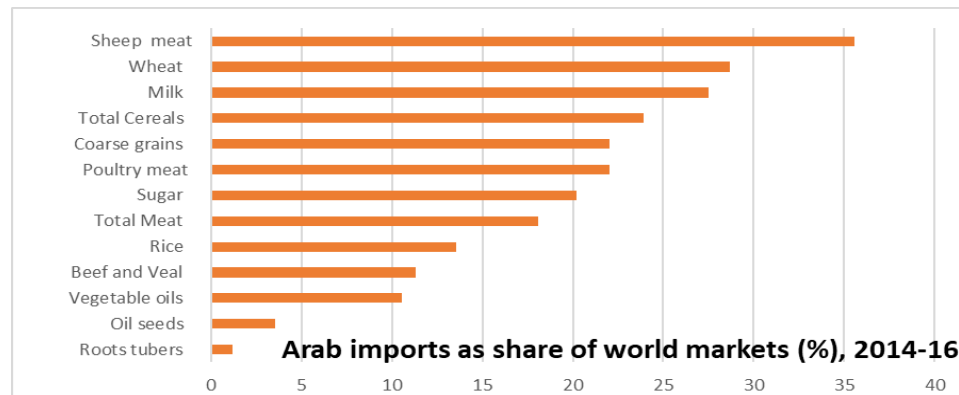
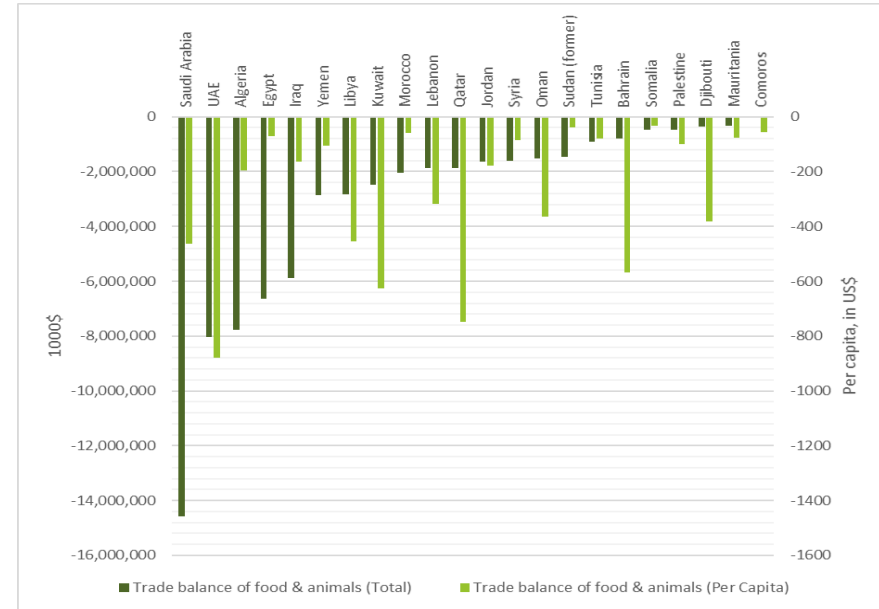
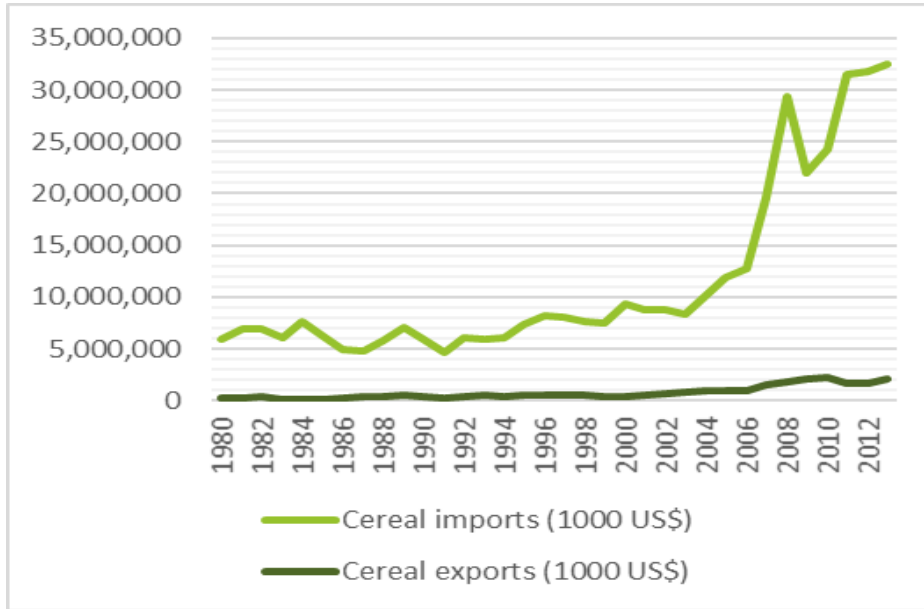
Takeaway 2: Divergence between production & consumption

- Domestic food production not keeping pace with consumption
- Yields are lagging those of other regions and the world
- Cereals self-sufficiency ratios continue to decline



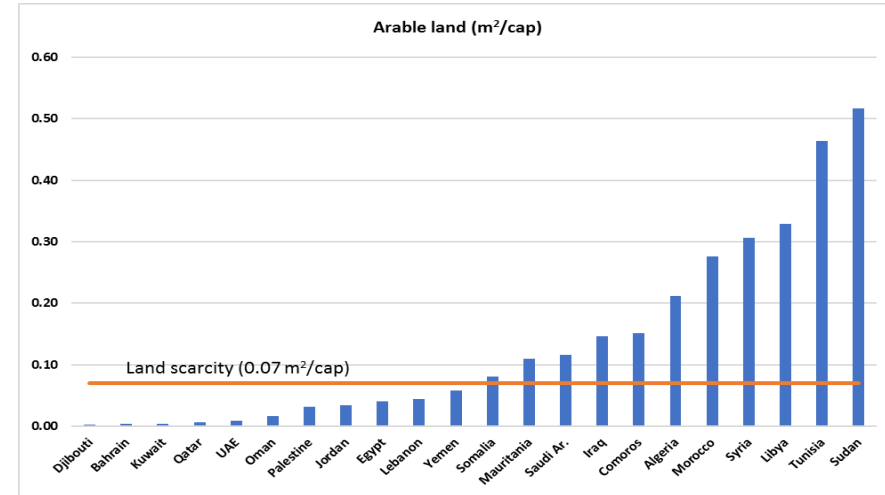
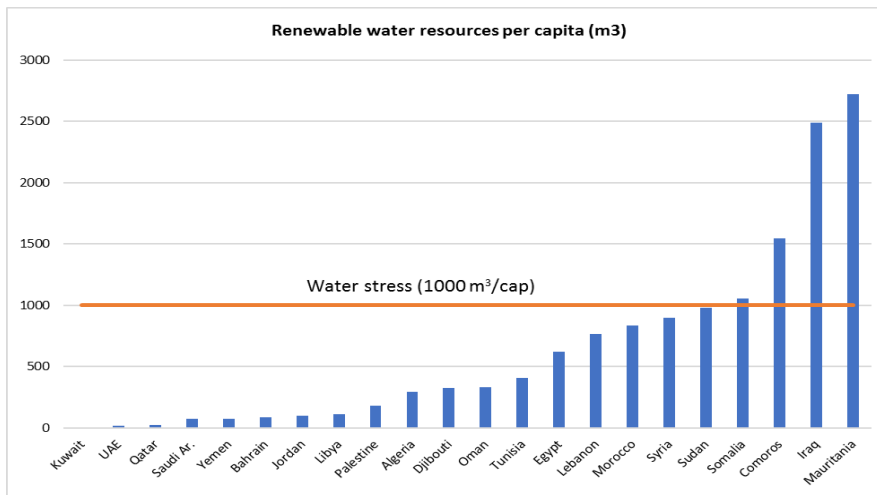
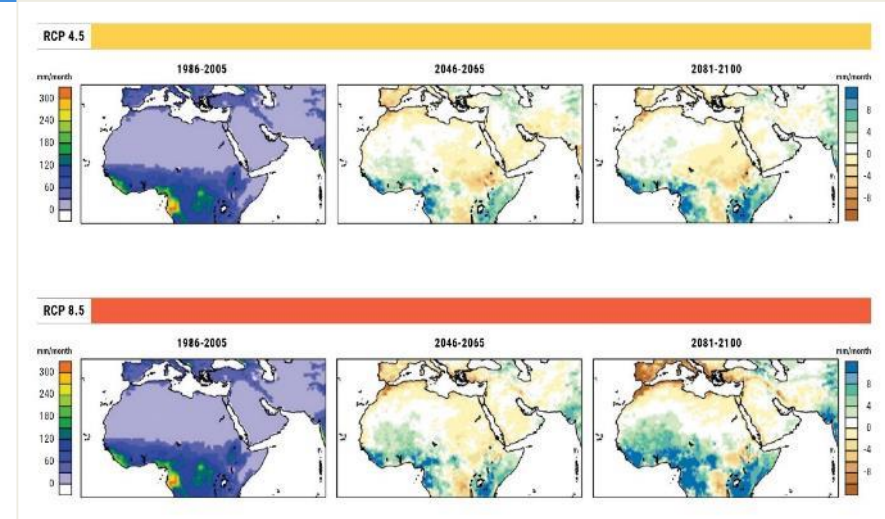
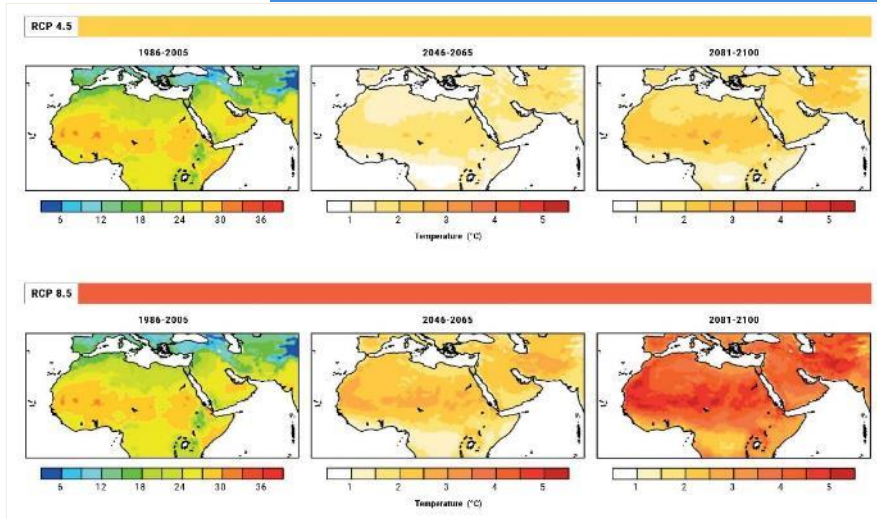
Takeaway 3: Growing reliance on world markets

- Cereal import continues is growing unabated
- Trade balance in food and animal products is negative
- Arab food imports are a substantial part of world food trade



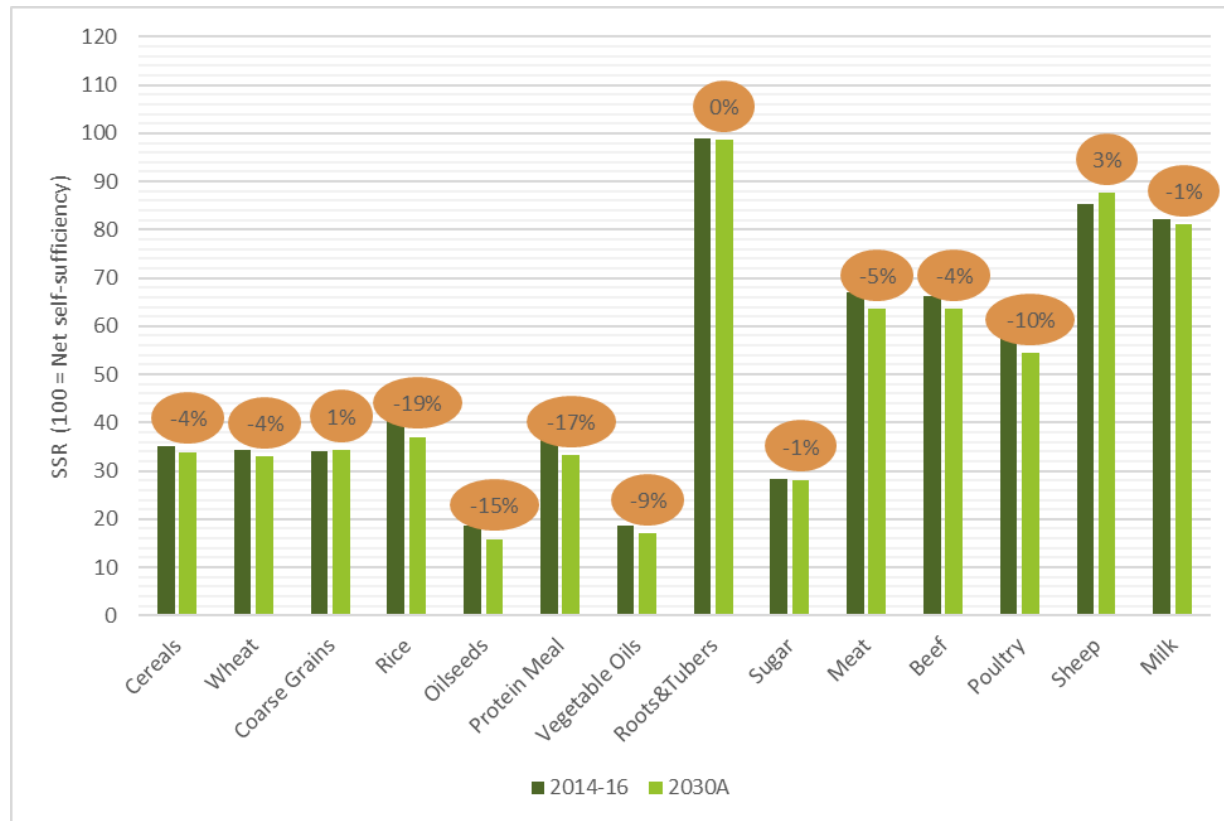
Takeaway 4: Dwindling natural resources in the face of climate change

- Projections point towards rising temperatures & declining rains
- Rising scarcity of resources



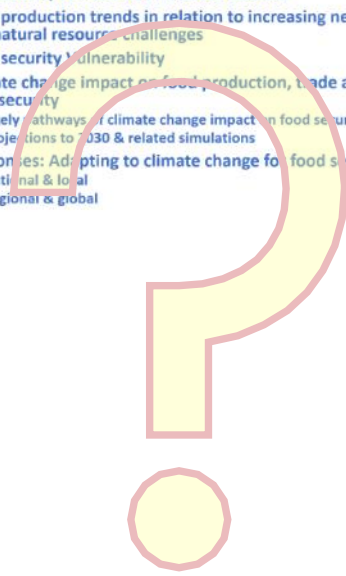
Takeaway 5: Simulations point towards worsening situation

- Among others, self sufficiency ratios are expected to decrease



Food Security and Trade under Climate Change Challenges in the Arab region

- Partnering Institutions:
 - FAO
 - ESCWA
- Contributing experts



FOOD SECURITY AND TRADE UNDER CLIMATE CHANGE CHALLENGES IN THE ARAB REGION

FOOD SECURITY, TRENDS IN THE ARAB REGION

- Food production trends in relation to increasing needs and natural resource challenges
- Food security vulnerability
- Climate change impact on food production, trade and food security
 - Likely pathways of climate change impact on food security
 - Projections to 2030 & related simulations
- Responses: Adapting to climate change for food security
 - National & local
 - Regional & global

Content

FOOD AND FOOD SECURITY TRENDS

- Food production trends in relation to increasing needs and natural resource challenges
- Food security Vulnerability

CLIMATE CHANGE IMPACT ON FOOD PRODUCTION, TRADE AND FOOD SECURITY

- Likely pathways of climate change impact on food security
- Projections to 2030 & related simulations

RESPONSES: ADAPTING TO CLIMATE CHANGE FOR FOOD SECURITY

- National & local
- Regional & global

Thank you



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