Agriculture and Food in a Warmer World

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Agriculture, food & fibre
In a world with 7 billion food consumers and 1.5 billion food producers, no more than 500 companies control 70% of food choice.

Source: Oxfam
The ABCD of food trading

ADM

Bunge

Cargill

Louis Dreyfus
Changes in the political economy of food

- Blurred boundaries between finance and agro-business.
- Retailers dominate, but finance dictates.
- Financialization has intensified the exploitation of food workers.
- Small-scale farmers especially hard hit due to increasing volatility in agricultural markets; weakened vis-à-vis other actors in the agro-food supply chain.

Deltas, home of > 500 million people and key agricultural areas
But, subsidence ...

- Chao Phraya, 5-15 cm per year
- Po, 3-5 cm per year in 1900s
- Mekong, 1-5 cm per year
Tropical Cyclone Nargis, 5th May 2008
CONSULTING THE GENIUS OF THE PLACE

AN ECOLOGICAL APPROACH TO A NEW AGRICULTURE

WES JACKSON
Annual wheat (on left in each panel) and Perennial wheatgrass.
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