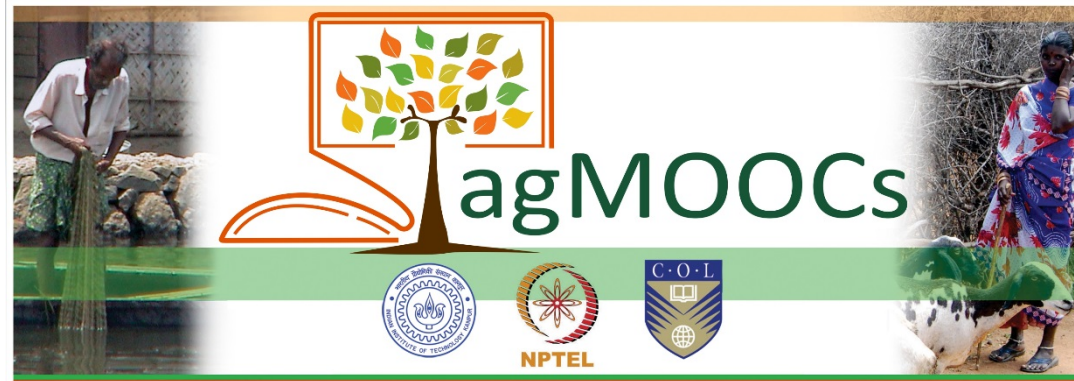


# Sustainable Development and Agriculture: a confluence of pressures

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Canada*

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*Photograph taken by Mark A. Wilson (Department of Geology, The College of Wooster). [1] - Original photograph, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=4150009>*



## Sustainable Development Goals



TRANSFORMING OUR  
WORLD:  
THE 2030 AGENDA FOR  
SUSTAINABLE  
DEVELOPMENT

1 NO  
POVERTY



2 ZERO  
HUNGER



3 GOOD HEALTH  
AND WELL-BEING



4 QUALITY  
EDUCATION



5 GENDER  
EQUALITY



6 CLEAN WATER  
AND SANITATION



7 AFFORDABLE  
CLEAN ENERGY



8 DECENT WORK AND  
ECONOMIC GROWTH



9 INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



10 REDUCED  
INEQUALITIES



11 SUSTAINABLE CITIES  
AND COMMUNITIES



12 RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



13 CLIMATE  
ACTION



14 LIFE  
BELOW WATER



15 LIFE  
ON LAND



16 PEACE, JUSTICE  
AND STRONG  
INSTITUTIONS



17 PARTNERSHIPS  
FOR THE GOALS



# UN Summit on Climate Change 2015

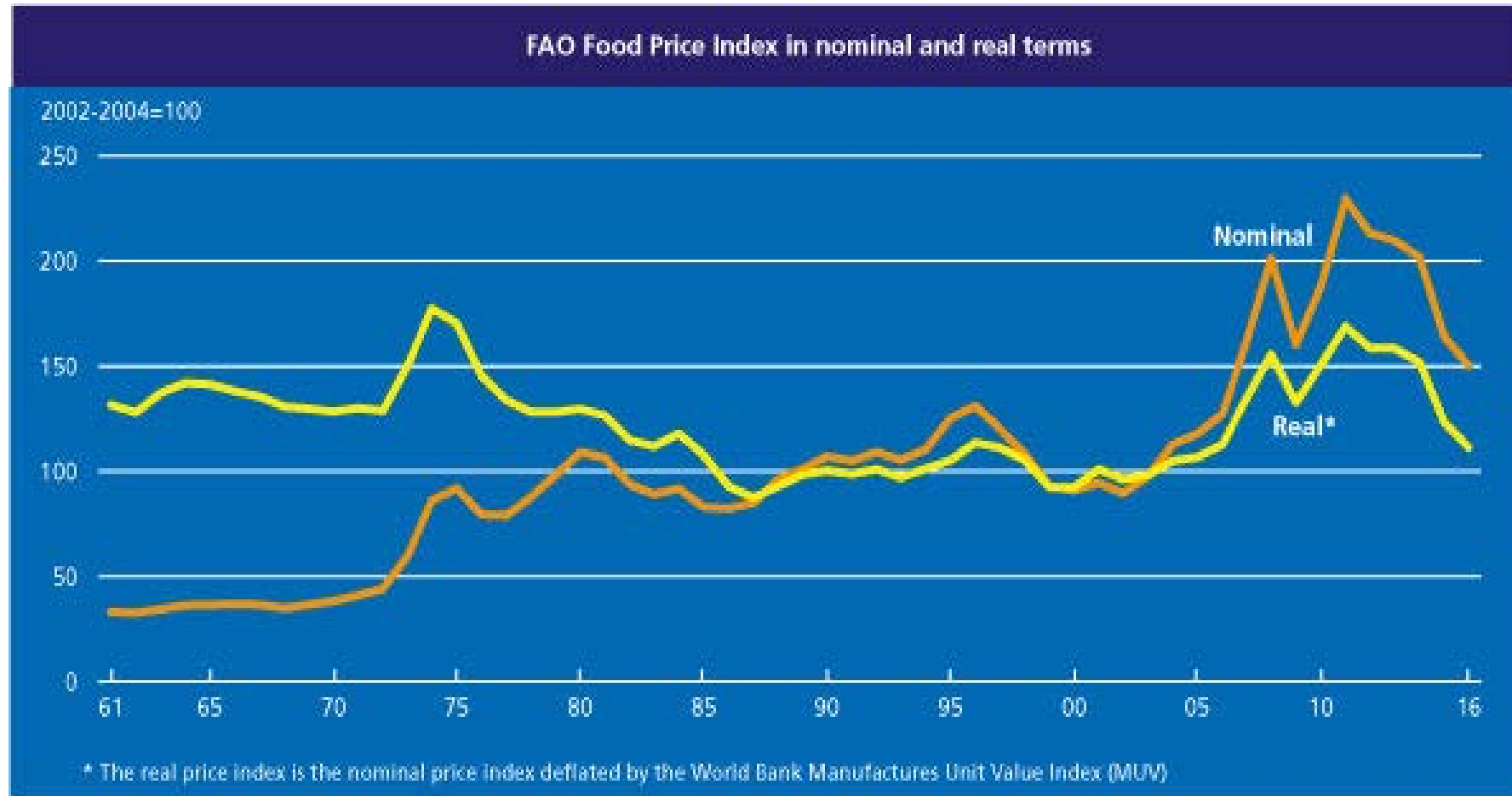


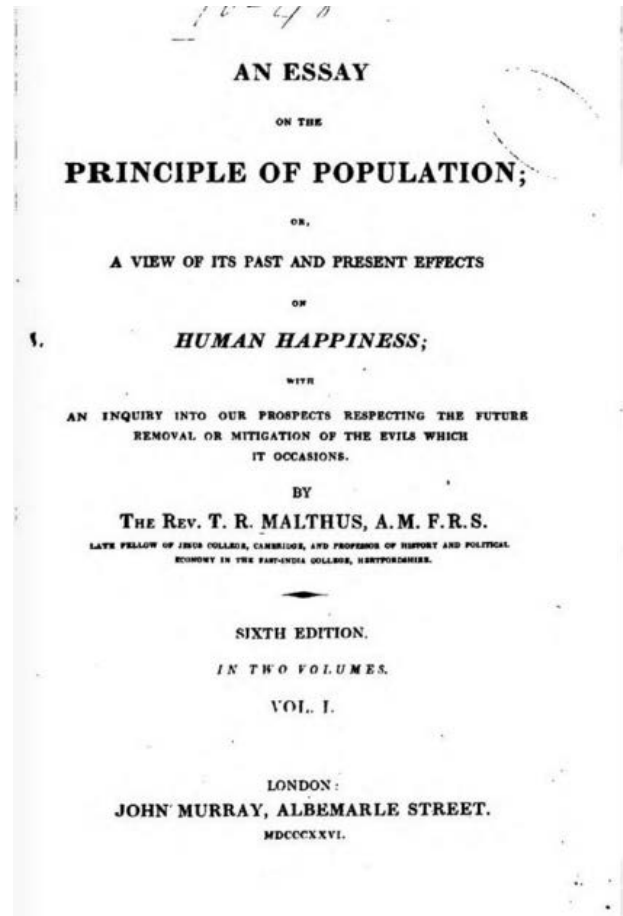


# World Trade in Agricultural Commodities



# Global Food Prices on the Increase





[https://archive.org/details/darwin-online\\_1826\\_Malthus\\_A545.1](https://archive.org/details/darwin-online_1826_Malthus_A545.1)

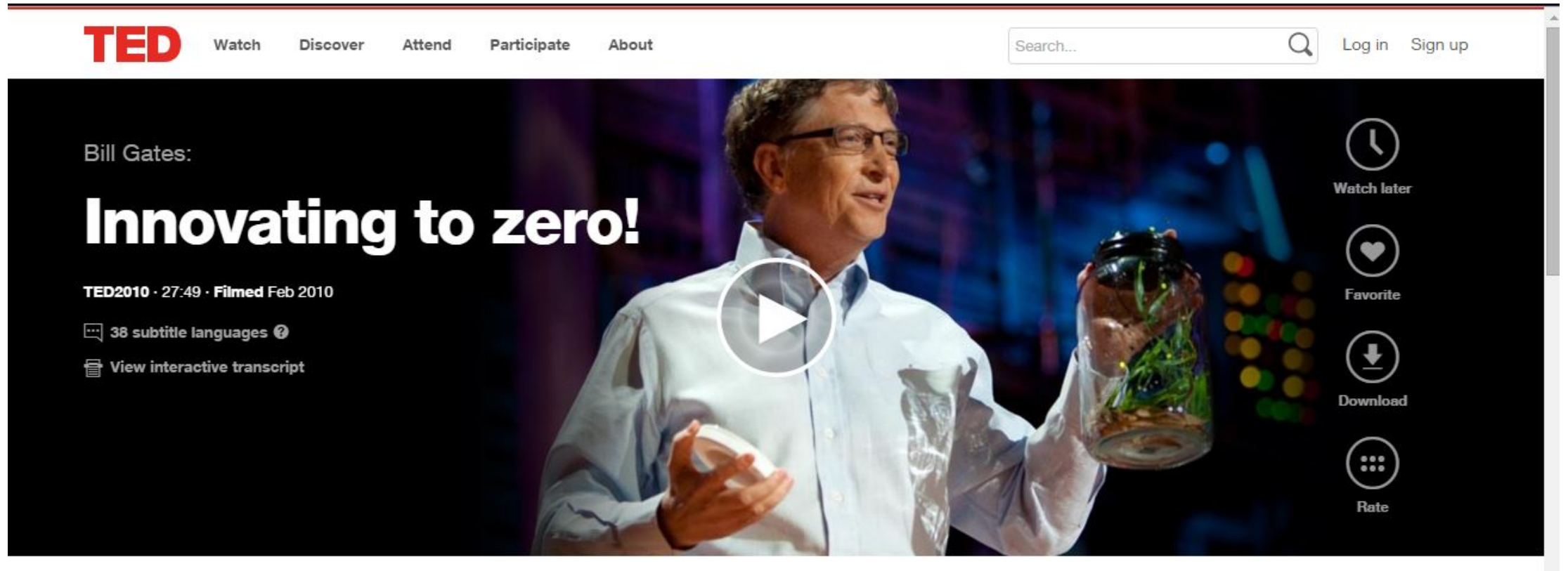
<http://www.theguardian.com/environment/2011/oct/23/paul-ehrlich-global-collapse-warning>

## Paul Ehrlich, a prophet of global population doom who is gloomier than ever

Population surge means there is only a 10% chance of avoiding a collapse of world civilisation, says professor

# Population is a Problem?

## Yes, according to.....



The image shows a screenshot of a TED talk video player. At the top, the TED logo is on the left, and navigation links for Watch, Discover, Attend, Participate, and About are in the center. On the right, there is a search bar with the text 'Search...', a magnifying glass icon, and links for 'Log in' and 'Sign up'. The main video area features a large image of Bill Gates holding a jar of green algae. Overlaid on this image is a large white play button icon. To the left of the video, the text 'Bill Gates:' is followed by the title 'Innovating to zero!' in a large, bold font. Below the title, it says 'TED2010 · 27:49 · Filmed Feb 2010'. Further down, there are two links: '38 subtitle languages ?' and 'View interactive transcript'. On the right side of the video area, there are four circular icons with labels: 'Watch later' (clock icon), 'Favorite' (heart icon), 'Download' (download arrow icon), and 'Rate' (dots icon).

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Bill Gates:

# Innovating to zero!

TED2010 · 27:49 · Filmed Feb 2010

38 subtitle languages ?

View interactive transcript

Watch later

Favorite

Download

Rate



# **Sustainable Development is not just about Conservation of Resources and Lifestyles**

**It is also about wellbeing of people and their ecosystems**

***Delink Ag from Population “Problem”***



**More site-specific land, water and biodiversity management  
integrated with  
Info on input and commodity prices**

***GIS + Sensors +  
Connectivity to Expert Sources***