
***Sample Resources for Getting Started on the
2009 World Food Prize Youth Institute Essay.****

Maps, Facts and Figures

Feeding Minds, Fighting Hunger, Secondary Level, Lesson One-Objective 2: Map of World Hunger http://www.feedingminds.org/level3/sec_level.htm

Millenium Development Goals Monitor *The MDG Monitor shows how countries are progressing in their efforts to achieve the Millennium Development Goals (MDGs).*
<http://www.mdgmonitor.org/index.cfm>

Millenium Development Goals Tracking Map
<http://www.mdgmonitor.org/map.cfm?goal=0&indicator=0&cd=>

Rural Poverty Portal *(Regional and country information and useful glossaries.) Powered by the International Fund for Agricultural Development (IFAD)*
<http://www.ruralpovertyportal.org/>

The State of Food and Agriculture 2008 “Biofuels: Prospects, Risks, and Opportunities” *(Full Report-PDF) (Published in 2008 by the Food and Agriculture Organization (FAO) of the United Nations)*
<http://www.fao.org/docrep/011/i0100e/i0100e00.htm>

The State of Food and Agriculture 2007 “Paying farmers for environmental services” *(Full Report – PDF) (Published in 2007 by the Food and Agriculture Organization (FAO) of the United Nations)*
<http://www.fao.org/docrep/010/a1200e/a1200e00.htm>

The State of Food Insecurity in the World 2006 “Eradicating World Hunger -- Taking Stock Ten Years After the World Food Summit” *(Full Report - PDF) (Published in 2006 by the Food and Agriculture Organization (FAO) of the United Nations)*
<http://www.fao.org/docrep/009/a0750e/a0750e00.htm>

The State of Food Insecurity in the World 2005 “Eradicating World Hunger -- Key to Achieving the Millennium Development Goals” *(Full Report - PDF) (Published in 2005 by the Food and Agriculture Organization (FAO) of the United Nations)*
<http://www.fao.org/docrep/008/a0200e/a0200e00.htm>

The State of Food and Agriculture 2003-2004 “Agricultural biotechnology: Meeting the needs of the poor?” *(Published in 2004 by the Food and Agriculture Organization (FAO) of the United Nations)*
http://www.fao.org/documents/show_cdr.asp?url_file=/docrep/006/y5160e/y5160e00.htm

United Nations Department of Economic and Social Affairs, Statistics Division
<http://millenniumindicators.un.org/unsd/databases.htm>

United Nation Statistics Division
<http://unstats.un.org/unsd/default.htm>

World Food Programme. *(The United Nations frontline agency in the fight against global hunger .Interactive Hunger Map and general facts about specific countries.)*
http://wfp.org/country_brief/hunger_map/map/hungermap_popup/map_popup.html

World Summit Five Years Later (June 10-13, 2002) *(Sponsored by the FAO - includes audio and video clips)*
<http://www.fao.org/worldfoodsummit/english/index.html>

Global Food Security Crisis

Background Info on the Global Food Security Crisis

<http://www.un.org/issues/food/taskforce/background.shtml>

FAO's Global Forum on Food Security and Nutrition, *Country responses to the food security crisis: Nature and preliminary implications of the policies pursued* (Click on url at bottom of page to download complete PDF document)

http://km.fao.org/fsn/resources/fsn-viewresdet/es/?no_cache=1&r=701&nocache=1

Food Security: Our forgotten crisis

By Ban Ki Moon, *International Herald Tribune (France) Article*

25 January 2009 <http://www.un.org/sg/articleFull.asp?TID=90&Type=Op-Ed>

Global Food Crisis, from The United Nations Economic and Social Council

<http://www.un.org/ecosoc/GlobalFoodCrisis/index.shtml>

Health impacts of the global food security crisis (from *The World Health Organization*)

http://www.who.int/food_crisis/en/index.html

The United Nations Secretary General's High-Level Task Force on the Global Food Security Crisis

<http://www.un.org/issues/food/taskforce/>

Comprehensive Framework for Action (July 2008) from the above Task Force. (An excellent 58-page document with good context analysis on drivers, threats and opportunities.)

<http://www.un.org/issues/food/taskforce/Documentation/CFA%20Web.pdf>

Agriculture and Development

The Bill and Melinda Gates Foundation's Agricultural Development Initiative

<http://www.gatesfoundation.org/GlobalDevelopment/Agriculture/>

The Role of Agriculture in Development: Implications for Sub-Saharan Africa (Report No. 153) Xinshen Diao, Peter Hazell, Danielle Resnick, and James Thurlow, July 2007

From the *International Food Policy Research Institute (IFPRI)*

<http://www.ifpri.org/pubs/ABSTRACT/rr153.asp>

World Development Report 2008: Agriculture for Development (The World Bank)

(Download the full text here and access links to excellent policy briefs and background papers.)

<http://econ.worldbank.org/WBSITE/EXTERNAL/EXTDEC/EXTRESEARCH/EXTWDRS/EXTWDR2008/0,,menuPK:2795178~pagePK:64167702~piPK:64167676~theSitePK:2795143,00.html>

Biofuels and Agriculture

Agriculture 21 Magazine by FAO – “Agriculture and environment: time to act globally”

<http://www.fao.org/AG/magazine/0704sp1.htm>

Bioenergy and Agriculture: Promises and Challenges (2020 Focus No. 14)

Peter Hazell, and R. K. Pachauri (eds.), November 2006

From the *International Food Policy Research Institute (IFPRI)*

<http://www.ifpri.org/2020/focus/focus14.asp> (Be sure to review the excellent individual briefs and related publication links here.)

Biofuels: Promises and Constraints [PDF]

Laney, Kara. IPC Publications, IPC Discussion Paper, December 2006
From the International Food and Agricultural Trade Policy Council
http://www.agritrade.org/Publications/biofuels_promises_constraints.html

Biofuels for Transportation: Global Potential and Implications for Sustainable Agriculture and Energy in the 21st Century, Report coordinated by Suzanne Hunt, Biofuels Project

Manager, Worldwatch Institute, June 2007
<http://www.worldwatch.org/taxonomy/term/445>

BIO - Biotechnology Industry Organization - Industrial & Environmental - Biofuels and Ethanol from Cellulose

<http://bio.org/ind/biofuel/>

How Biofuels Could Starve the Poor

C. Ford Runge and Benjamin Senauer
From *Foreign Affairs*, May/June 2007
<http://www.foreignaffairs.org/20070501faessay86305-p0/c-ford-runge-benjamin-senauer/how-biofuels-could-starve-the-poor.html>

Climate Change

Conflicts fuelled by climate change causing new refugee crisis, warns UN, by Julian Borger, Diplomatic Editor, *The Guardian* article, Tuesday 17 June 2008
<http://www.guardian.co.uk/environment/2008/jun/17/climatechange.food>

World faces 'perfect storm' of problems by 2030, chief scientist to warn, by Ian Sample, Science Correspondent, *The Guardian* article, Wednesday 18 March 2009
<http://www.guardian.co.uk/science/2009/mar/18/perfect-storm-john-beddington-energy-food-climate>

Global Food Security Articles

AgBioWorld – Norman Borlaug Articles and Interviews

<http://www.agbioworld.org/biotech-info/topics/borlaug/borlaug-articles.html>

Africa's Turn: A New Green Revolution for the 21st Century (Publication of The Rockefeller Foundation, July, 2006.)
http://www.rockfound.org/library/africas_turn.pdf

Food and the Poor: The New Face of Hunger (*Economist Magazine*, April 17, 2008.)
http://www.economist.com/opinion/displaystory.cfm?story_id=11049284

International Food Policy Research Institute (IFPRI) - 2020 Vision Discussion Paper No. 40
“The Family Farm in a Globalizing World: The Role of Crop Science in Alleviating Poverty”
by Michael Lipton, June 2005

<http://www.ifpri.org/2020/dp/vp40.asp>

Stem Rust Never Sleeps (*New York Times Op-Ed Article* by Dr. Norman E. Borlaug, April 26, 2008.)
http://www.nytimes.com/2008/04/26/opinion/26borlaug.html?_r=2&scp=1&sq=borlaug&st=nyt&oref=slogin&oref=slogin

United Nations

The Millennium Project

<http://www.unmillenniumproject.org/>

Twenty-Sixth Annual World Food Day Teleconference on October 16, 2009

<http://www.worldfooddayusa.org/CMS/2955.aspx>

UNICEF Voices of Youth (*Allows you to take part in online discussions on global issues.*)

www.unicef.org/voy

United Nations Development Programme

<http://www.undp.org/>

United Nations Development Programme Human Development Report 2003 – Millennium Development Goals: A compact among nations to end human poverty.

http://www.unmillenniumproject.org/documents/hdr03_complete.pdf

United Nations System Standing Committee on Nutrition

<http://www.unscn.org/>

Books

Brown, Lester. **Plan B 3.0: Mobilizing to Save Civilization.** W. W. Norton & Company, New York, 2008.

Brown, Lester. **Outgrowing the Earth: The Food Security Challenge in an Age of Falling Water Tables and Rising Temperature.** W. W. Norton & Company, New York, 2005.

Conway, Gordon. **The Doubly Green Revolution.** Penguin Books USA Inc., New York, 1997.

McGovern, George S. **The Third Freedom: Ending Hunger in Our Time.** Simon & Schuster, New York, 2001.

Runge, C. Ford, Senauer, Benjamin, Pardey, Philip G. and Rosegrant, Mark W. **Ending Hunger in our Lifetime Food Security and Globalization.** Johns Hopkins University Press, Baltimore, Maryland, 2003.

Sachs, Jeffrey D. **The End of Poverty: Economic Possibilities for Our Time.** The Penguin Press (HC), USA, 2005.

Swaminathan, M.S. and Medrano, Pedro (Editors). **Towards Hunger Free India: From Vision to Action.** East West Books, Chennai, 2005.

Worldwatch Institute. **State of the World 2007: Our Urban Future.** W.W. Norton & Company Ltd., New York, 2007. (link: <http://www.worldwatch.org/node/4752>)

Worldwatch Institute. **State of the World 2006. Special Focus: China and India.** W.W. Norton & Company Ltd., New York, 2006. (link: <http://www.worldwatch.org/node/3866>)

Yunus, Muhammad. **Creating a World without Poverty.** PublicAffairs, New York, 2008.

Organizational and Informational Web Sites

The Board for International Food and Agricultural Development (BIFAD)

http://www.usaid.gov/our_work/agriculture/bifad/

Bread for the World.

<http://www.bread.org>

The Chicago Council on Global Affairs

“Renewing American Leadership in the Fight Against Global Hunger and Poverty – The Chicago Initiative on Global Agricultural Development”, 2009 Publication.

http://www.thechicagocouncil.org/globalagdevelopment/pdf/gadp_final_report.pdf

Clinton Foundation’s Global Initiative

<http://www.clintonglobalinitiative.org/NETCOMMUNITY/Page.aspx?pid=2356&srcid=-2>

The Congressional Hunger Center

<http://www.hungercenter.org/>

Consultative Group on International Agricultural Research (CGIAR)

<http://www.cgiar.org>

The Earth Institute at Columbia University – *Intro to Sustainable Development*

http://www.earthinstitute.columbia.edu/sus_dev/

EarthTrends. The Environmental Portal <http://earthtrends.wri.org/>

from the **World Resources Institute** <http://www.wri.org/>

Food and Agriculture Organization (FAO) of the United Nations

<http://www.fao.org>

Food for all - World Food Summit - Agricultural machinery worldwide. A list of articles from the World Food Summit in Rome on November 13-17, 1996. This site offers a wide variety of topics and articles with additional references such as “Water and Food Security.”

<http://www.fao.org/DOCREP/x0262e/x0262e00.htm>

Friends of the World Food Programme

<http://www.friendsofwfp.org/>

Gender and Food Security. A list of articles supplied by the Food and Agriculture Organization (FAO) of the United Nations. Click on each heading (I.E., Agriculture, Nutrition, Rural Economics). Then click on any of the subcategories at the end of an individual section text to find a list of many available articles. You may also search the site using your own key words (I.E. Agriculture, Nutrition, Water).

<http://www.fao.org/Gender/gender.htm>

Global Policy Forum - *World Hunger*

<http://www.globalpolicy.org/soecon/hunger/hungerindex.htm>

Global Crop Diversity Trust (A Foundation for Food Security.)

<http://www.croptrust.org/main/>

Global Water Partnership (Check out the Library-Links for many more useful sites.)

<http://www.gwpforum.org/servlet/PSP>

Global Water Partnership: *Water and Poverty -- A Collection of Thematic Papers, Various Authors*

http://adb.org/Documents/Events/2003/3WWF/Thematic_papers.pdf

HarvestPlus

<http://www.harvestplus.org/>

Hunger Plus Inc.

<http://www.hungerplus.org/>

The Hunger Project: Empowering women and men to end their own hunger

<http://www.thp.org/>

International Assessment of Agricultural Science and Technology for Development (IAASTD)
<http://www.agassessment.org/>

International Food & Agricultural Trade Policy Council
<http://www.agritrade.org/>

International Food Policy Research Institute (IFPRI)
<http://www.ifpri.cgiar.org/>

International Food Policy Research Institute (IFPRI) - *About A 2020 Vision for Food, Agriculture, and the Environment*
<http://www.ifpri.org/2020/2020about.asp>

IFPRI Conference: Assuring Food and Nutrition Security in Africa by 2020
<http://www.ifpri.org/2020AfricaConference/index.htm>

International Fund for Agricultural Development (IFAD).
<http://www.ifad.org>

International Monetary Fund (IMF)
<http://www.imf.org/external/index.htm>

NetAid – Join the Fight Against Poverty
<http://www.netaid.org/>

The New Partnership for Africa's Development (NEPAD)
<http://www.nepad.org/2005/files/home.php>

Overseas Development Institute (ODI)
<http://www.odi.org.uk/>

Oxfam International.
<http://www.oxfaminternational.org>

Partnership to Cut Hunger and Poverty in Africa
<http://www.africanhunger.org/index.php>

Rockefeller Foundation
<http://www.rockfound.org/>

Towards Sustainable Food Security, Women and Water Resources
Prepared by the Women in Development Service (SDWW)
FAO Women and Population Division
<http://www.fao.org/sd/fsdirect/fbdirect/FSP003.htm>

United Nations Educational, Scientific and Cultural Organization
<http://www.unesco.org/>

United States Agency for International Development (USAID).
<http://www.usaid.gov>

Water for People
<http://www.water4people.org/>

The World Bank
<http://www.worldbank.org>

The World Bank Students and Teachers Home Page (*Look at the " issues" section for food and agriculture, poverty, health, education, sustainable development and etc.*)
<http://www.worldbank.org/html/schools/>

World Health Organization (WHO)
<http://www.who.int/en/>

World Trade Organization (WTO)
<http://www.wto.org>

World Water Council
<http://www.worldwatercouncil.org/>

Worldwatch Institute
<http://www.worldwatch.org/>

Publications and Databases

Asian Development Bank (ADB) Publications (*Fighting Poverty in Asia and the Pacific.*)
<http://www.adb.org/>

CGIAR News Article (*Understanding and Containing Global Food Price Inflation, May 2008.*)
<http://www.cgiar.org/monthlystory/may2008.html>

Department of State International Information Programs
<http://www.america.gov/>

The Development Gateway (*An interactive portal for information and knowledge sharing on sustainable development and poverty reduction.*) (*Search by "Sustainable Agriculture", "Nutrition" & "Food Security" topics.*)
<http://home.developmentgateway.org/>

The Economist (*Magazine Web Site*)
<http://economist.com/index.html>

Foreign Affairs Magazine (*Published by the Council on Foreign Relations*)
<http://www.foreignaffairs.com/>

Hunger Notes -- An online publication of the World Hunger Education Service (WHES)
<http://www.worldhunger.org/>

IFPRI – 2020 Vision Publications and Resources Catalog
<http://www.ifpri.org/pubs/catalog.htm>

National Geographic, *Where Food Begins*, September 2008 Issue.
Feature Article, "Our Good Earth: The future rests on soil. Can we protect it?"
<http://ngm.nationalgeographic.com/2008/09/soil/mann-text/1>
"Haiti Soil"
<http://ngm.nationalgeographic.com/2008/09/soil/bourne-text>

Nature, *International Weekly Journal of Science* (*Magazine Web Site*)
<http://www.nature.com/nature>

Science Magazine
<http://www.sciencemag.org>

Popular Media

Mass Media such as newspapers can often initiate awareness about current ideas on food security at regional, national and international levels. *The New York Times* publishes a Science Section every Tuesday. *Yahoo! News*, on the Internet, has daily science and world headline articles that are taken from Reuters Press Agency and other sources. General themes involving food security can be researched more intensely and individual student opinions developed in preparation for student discussion papers.

BBC News (*Audio and Video News available.*)

<http://news.bbc.co.uk/>

Voice of America News

<http://www.voanews.com/index.cfm>

Reference Books & Resources

High School and College Textbooks can be used for background information on relevant scientific subjects, for example, nutrition, public health, molecular biology, genetics, botany, agriculture, sociology, economics, ecology and geography.

Wikipedia (Online Encyclopedia) (*Search for Green Revolution, Norman Borlaug, Sustainable Agriculture, World Food Prize Laureates, Food Security, etc.*)

http://en.wikipedia.org/wiki/Main_Page

Recommended Interviews

Addressing Hunger and Poverty, *Talk of the Nation*, NPR Audio Archives, May 20, 2005.

(Features Jeffrey Sachs, Director, Earth Institute, Columbia University and Lester Brown, President and Founder, Earth Policy Institute.)

<http://www.npr.org/templates/story/story.php?storyId=4660415>

Giving Africa Infrastructure for Growth, *Talk of the Nation*, NPR Audio Archives, April 5, 2006.

<http://www.npr.org/templates/story/story.php?storyId=5325397>

How Can Scientists Help Address Poverty?, *Talk of the Nation*, NPR Audio Archives, February 17, 2006 (Features 2001 World Food Prize Laureate Dr. Per Pinstrup-Andersen and other experts attending the annual American Association for the Advancement of Science meeting.)

<http://www.npr.org/templates/story/story.php?storyId=5221063>

The Problems of Preventing Famine, *Talk of the Nation*, NPR Audio Archives, July 26, 2005.

(Natasha Quist, West Africa Regional Director, OXFAM, Marc Cohen, Research Fellow, IFPRI, and Jason Beaubien, Africa Correspondent, NPR News)

<http://www.npr.org/templates/story/story.php?storyId=4771717>

Silent Tsunami: Global Food Crisis, *On Point with Tom Ashbrook*, NPR Archive, May 5, 2008 (Feature John McArthur, executive director of Millennium Promise, Raj Patel, visiting scholar at the University of California at Berkeley/author of "Stuffed and Starved" and Joia Mukherjee, medical director for Partners in Health)

<http://www.onpointradio.org/shows/2008/05/silent-tsunami/>

Will the Corn Supply Hold Out in an Ethanol Age?, *Talk of the Nation*, NPR Audio Archives, August 4, 2006 (Economist Lester Brown, founder of the Earth Policy Institute)

<http://www.npr.org/templates/story/story.php?storyId=5617841>

World Bank Chief: Biofuels Boosting Food Prices, Morning Edition, April 11, 2008. (Robert Zoellick discusses the impact of high food prices on countries that have otherwise stable governments.)

<http://www.npr.org/templates/story/story.php?storyId=89545855>

State of the Planet 2006 Conference – Is Sustainable Development Feasible? (Sponsored by The Earth Institute at Columbia University) Video and Audio Proceedings, March 28-29, 2006.

<http://www.earthinstitute.columbia.edu/sop2006/videoaudio.html>

UNICEF’s Voices of Youth Digital Diaries (Voices of Youth Digital Diaries are all about young people who want to know more...do more...and say more about the world. These reports are first-person accounts by young people from around the world.)

http://www.unicef.org/voy/takeaction/takeaction_2692.html

Interview professionals in the area of your topic.

****The World Food Prize Foundation does not endorse any of the points of view represented in these resources.***