

WORLD HUNGER AND MALNUTRITION

(AAE, AGRON, INTER-AG, NUTR. SCI. 350)

SPRING, 2004

Instructors

Dr. Kenneth Shapiro, 240 Agriculture Hall, 262-1271, kshapiro@cals.wisc.edu

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Class Meetings

Tuesday and Thursday, 9:30 – 10:45, 125 Biochemistry

Web Site

<http://www.nutrisci.wisc.edu/ns350/>

Texts

Brown, Lester and Hal Kane. 1994. *Full House: Reassessing Earth's Carrying Capacity*, New York: W.W. Norton and Co.

Foster, Phillips and Howard Leathers. 1999. *The World Food Problem: Tackling the Causes of Undernutrition in the Third World*, (second edition), Boulder, Colorado: Lynne Rienner Publishers.

Runge, C.F., Benjamin Senauer, Philip Pardey, and Mark Rosegrant. 2003. *Ending Hunger in our Lifetime: Food Security and Globalization*, Baltimore: The Johns Hopkins University Press.

Additional readings will be assigned

COURSE REQUIREMENTS

- 1. Three Quizzes** – 60 points – **February 17, March 30, May 5**
- 2. Case Study Paper** - 15 points – **Due March 9**
- 3. Research Paper** – 20 points – **Due May 5**
- 4. Short Papers to be Assigned** – 5 points

CLASS SCHEDULE AND READINGS

January 20, 22: Class Overview, Introductions, Human Rights, Case Studies

Reading

1. von Braun, "Overview of the World Food Situation." [web]
2. Singer, "Famine, Affluence, and Morality." [web]
3. FAO, "Extracts from International Instruments." [web]
4. *Economist*, "Righting Wrongs," [web]
5. World Bank. Three Case Studies [web]
6. Runge, pp. 1 – 5.
7. Eight American Case Studies [web]

January 27 – February 12: Biology of Malnutrition

Reading

1. Foster pp. 15 – 73, 221 – 230

February 17: QUIZ 1

February 19 – 24: Dimensions and Characteristics of Hunger and Poverty (How many? How severe? Where? Who? When? Projections)

Reading

1. Foster, pp. 75 – 92
2. Runge, pp. 13 - 37

February 26 – March 25: Can We Produce Enough? (Trends and Projections, Interpreting Statistics, Research, Genetically Modified Organisms, Asia, Africa)

Reading

1. Brown, pp. 37 – 48, 62 – 72, 89 - 145
2. Foster, pp. 183 – 209
3. Runge, pp. 69 – 99, 142 - 155

March 30: QUIZ 2

April 1 – 13: Population and Environment (Understanding Projections, Determinants, Demographic Transformation or Trap? Hill Lands, Dry Lands, Rice)

Reading

1. Brown, pp. 49 – 61
2. Foster, pp. 101 – 114, 167 – 182, 257 – 268
3. Runge, pp. 20 – 25
4. Brown, pp. 146 – 157, 201 – 223
5. Foster, pp. 211 – 220
6. Runge, pp. 155 - 162

April 15 – 29: Policies and Programs (Changing Development Theories, Globalization, Poverty/Hunger Alleviation Programs, Uganda, Mexico, China, India)

Reading

1. Foster, pp. 95 – 99, 117 – 166, 269 – 344
2. Foster, pp. 247 – 256
3. Runge, 25 – 28, 101 – 131, 135 – 142, 162 – 177

May 4: Evaluation

May 6: QUIZ 3