Stanford



Walter Falcon

CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Walter Falcon is deputy director of the Center on Food Security and the Environment, former director of the Freeman Spogli Institute for International Studies, and Farnsworth professor of International Agricultural Policy and Economics at Stanford University (Emeritus).

In 1972, Falcon moved from Harvard University to Stanford University's Food Research Institute where he served as professor of economics and director until 1991. From 1991-1998, he directed the Freeman Spogli Institute for International Studies, and from 1998-2007 he co-directed the Center for Environmental Science and Policy. He has also served as senior associate dean for the social sciences, a member of the academic senate, and twice a member of the University's Advisory Board.

Falcon has consulted with numerous international organizations, and has been a trustee of Winrock International and chairman of the board of the International Rice Research Institute (IRRI) and the International Center for Wheat and Maize Improvement (CIMMYT). Falcon became a Fellow of the American Association for the Advancement of Science in 1991. Falcon was cited as the outstanding 1958 graduate of Iowa State University in 1989 and in 1992 he was awarded the prestigious Bintang Jasa Utama medal of merit by the government of Indonesia for twenty-five years of assistance with that country's development effort. His recent co-authored papers have analyzed the effects of El Nino on Asian agriculture; Mexican agricultural policy; food price volatility; and biofuels.

Falcon received a BS in Agricultural Economics at Iowa State University in 1958, an MA in Economics at Harvard University in 1960, and a PhD in Economics from Harvard University in 1962.

ACADEMIC APPOINTMENTS

- Senior Fellow, Emeritus, Stanford Woods Institute for the Environment

HONORS AND AWARDS

- (Honorary) Doctor of Science, McGill University (2009)
- Bintang Jasa Utama (First Star) Medal of Merit, Government of Indonesia (1992)

- Research Award, Ecological Society of America (2013)
- Fellow, American Association for the Advancement of Science (1991)
- Fellow, American Agricultural Economics Associations (1990)
- Distinguished Achievement Citation, Iowa State University (1989)
- Research Awards, American Agricultural Economics Associations (1971 & 1984)

PROFESSIONAL EDUCATION

- Ph.D., Harvard University , Economics (1962)
- A.M., Harvard University , Economics (1960)
- B.S., Iowa State University , Agricultural Economics (1958)

LINKS

- FSE Page: http://foodsecurity.stanford.edu/people/walter_p_falcon/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

biotechnology; food security; food and agricultural policy in developing countries

Publications

PUBLICATIONS

- **Decentralization and the environment: Assessing smallholder oil palm development in Indonesia** *Ambio*
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- **Field Notes from an Iowa Farm** *Farming Magazine*
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- **The Global Costs of American Ethanol** *The American Interest*
  Falcon, W. P., Naylor , R. L.
  2011; 7 (2): 66-76
- **Food Security in an Era of Economic Volatility** *POPULATION AND DEVELOPMENT REVIEW*
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- **Impacts of El Nino-Southern Oscillation events on China's rice production** *JOURNAL OF GEOGRAPHICAL SCIENCES*
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- **El Nino-Southern Oscillation Impacts on Rice Production in Luzon, the Philippines** *JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY*
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- **Prioritizing climate change adaptation needs for food security in 2030** *SCIENCE*
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- **The Asian Maize Economy in 2025**
  Falcon , W. P.

2008

- **Our Daily Bread** *Boston Review*
  Naylor, R. L., Falcon , W. P.
  2008 : 13-18

- **International trade in meat: The tip of the pork chop** *AMBIO*
  Galloway, J. N., Burke, M., Bradford, G. E., Naylor, R., Falcon, W., Chapagain, A. K., Gaskell, J. C., McCullough, E., Mooney, H. A., Oleson, K. L., Steinfeld, H., Wassenaar, T., Smil, et al
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- **The ripple effect: Biofuels, food security, and the environment** *ENVIRONMENT*
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  2007; 49 (9): 30-43

- **Assessing risks of climate variability and climate change for Indonesian rice agriculture** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Naylor, R. L., Battisti, D. S., Vimont, D. J., Falcon, W. P., Burke, M. B.
  2007; 104 (19): 7752-7757

- **Yield uncertainty at the field scale evaluated with multi-year satellite data** *AGRICULTURAL SYSTEMS*
  Lobell, D. B., Ortiz-Monasterio, J. I., Falcon, W. P.
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- **Agriculture. Losing the links between livestock and land.** *Science*
  Naylor, R., Steinfeld, H., Falcon, W., Galloway, J., Smil, V., Bradford, E., Alder, J., Mooney, H.
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- **Professor Dr Saleh Afiff: An appreciation** *BULLETIN OF INDONESIAN ECONOMIC STUDIES*
  Timmer, C. P., Falcon, W. P.
  2005; 41 (3): 305-307

- **Analysis of wheat yield and climatic trends in Mexico** *FIELD CROPS RESEARCH*
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- **Combining field surveys, remote sensing, and regression trees to understand yield variations in an irrigated wheat landscape** *AGRONOMY JOURNAL*
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- **Rethinking food security for the twenty-first century** *AMERICAN JOURNAL OF AGRICULTURAL ECONOMICS*
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- **Using climate models to improve Indonesian food security** *BULLETIN OF INDONESIAN ECONOMIC STUDIES*
  Falcon, W. P., Naylor, R. L., Smith, W. L., Burke, M. B., McCullough, E. B.
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- **Biotechnology in the developing world: a case for increased investments in orphan crops** *6th International Conference of the International-Consortium-on-Agricultural-Biotechnology-Research*
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- **Carving up the commons - emergence of a new international regime for germplasm development and transfer** *FOOD POLICY*
  Falcon, W. P., Fowler, C.

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- **Using El Nino - Southern oscillation climate data to improve food policy planning in Indonesia** *BULLETIN OF INDONESIAN ECONOMIC STUDIES*
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- **Comments: Searching for sustainability** *ECOLOGY LAW QUARTERLY*
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- **The maize transition in Asia: Unlocking the controversy** *Annual Meeting of the American-Agricultural-Economics-Association*
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- **Whither Food Aid:A Comment** *Agriculture and the State*
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- **Farmer Response to Price in a Subsistence Economy: The Case of West Pakistan** *American Economic Review*
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- **Some Comments on the Real Effects of Foreign Surplus Disposal in Underdeveloped Economies** *Quarterly Journal of Economics*
  Falcon , W. P.
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PRESENTATIONS

- Where science meets food policy: Four decades of research and policy advising in Indonesia - Woods Institute Food Security Salon (3/15/2011)