Sustainable Agriculture Reading List

“4 Per 1000” Initiative, https://www.4p1000.org/


Rick Cruse, “Soil Erosion – What will the future bring?” Iowa State University, Robert Goodland and Jeff Anhang, “Livestock and Climate Change: What if the key actors in climate change are . . . cows, pigs, and chickens?,” www.worldwatch.org, November/December 2009


“Can organic reduce cancer risk?” Cedar Rapids Gazette, October 26, 2018, reprinted from Los Angeles Times


Dave Swenson, Selected Measures of the Economic Values of Increased Fruit and Vegetable Production and Consumption in the Upper Midwest, Leopold Center, Iowa State University, March 2010

Dave Swenson, “Research and assistance in support of the Foodsheds in the Upper Midwest Initiative to measure the economic impacts of increased local food production and consumption”, Leopold Center, Iowa State University, 2011

Dave Swenson, “The Economic Contribution of Niman Ranch Hog Production in Iowa”, March 2021

Donnelle Eller, “ISU: Small-scale hog production has big economic impact”, Des Moines Register, August 29, 2021

Dick Sloan, “Dividends from a new view of soil”, Cedar Rapids Gazette, March 31, 2018

Dennis Anderson, “Reports of species die-offs are scary, but public’s indifference is scarier”, Cedar Rapids Gazette, October 28, 2018, reprinted from the Star Tribune

"Eating Animals", Film, director Christopher Dillon Quinn, Based memoir by Jonathan Safran Foer, 2017


1 This is also referred to as the Marsden study.

Erin Jordan, “Are golf courses contributing to nitrate runoff? Iowa survey shows courses don’t contribute significantly”, Cedar Rapids Gazette, October 21, 2017

Erin Jordan, “Food waste study diverts 1,000 pounds from landfill,” Cedar Rapids Gazette, November 29, 2014


Alice Park, “A Mother’s Exposure to Pesticides During Pregnancy May Raise Children’s Autism Risk “, Time, March 20, 2019

Tom Philpott, “High Steaks – Our power to stop climate change may depend on what’s for dinner”, Mother Jones, May/June, 2019


Francis Thicke, A New Vision for Iowa Food and Agriculture, Mulberry Knoll Books, 2010


Fred Kirschenmann, “Is optimization the answer?,” Leopold Letter, Iowa State University, Fall 2014

Grant Gerlock, “Food waste weighing down U.S. food system,” Harvest Public Media, September 21, 2014

“Gulf’s ‘dead zone’ is biggest ever: Farm runoff key factor in creating algae bloom”, Cedar Rapids Gazette, reprinted from Washington Post, August 5, 2017


Iowa Climate Change Advisory Council Final Report, Iowa Department of Natural Resources, December 23, 2008


Jeff Schahczenski and Holly Hill, “Agriculture, Climate Change and Carbon Sequestration”, National Sustainable Agriculture Information Service, 2009


Maryn McKenna, “After Years of Debate, the FDA Finally Curtails Antibiotic Use In Livestock”, *Newsweek*, 1/13/17


Tom Philpott, “No, Giant Farms Are Not Feeding the World. They’re Feeding Canada,” *Mother Jones*, October 5, 2016

Tom Philpott, “The Fault in Our Starch”, *Mother Jones*, January/February, 2020

Tom Philpott, “Oats and Dreams. How a milk trend could stoke an agricultural revolution,” *Mother Jones*, May+June, 2018


Kate Cox and H. Claire Brown, “Academics across the country say agribusiness has outsize influence on their research”, *New Food Economy*, January 31, 2019

Tom Philpott, “Will California’s Drought Bring about $7 Broccoli?” *Mother Jones*, May/June, 2014


Wenonah Hauter, Foodopoly - The Battle Over the Future of Food and Farming in America, New Press, 2012

Wes Jackson and Robert Jensen, “Let’s Get ‘Creaturally’” a New Worldview Can Help Us Face Ecological Crisis”, Counterpunch.org, April 8, 2019

Wilbur Wood, “From Dirt to Soil – How carbon farming can reduce emissions, restore ecological balance, and offer hope to the rising generation”, The Nation, May 20/27, 2019


Tom Philpott, “There’s an amazingly simple, beautiful way to fix Midwestern farmlands”, Mother Jones, April, 2019

Caroline Brooks, “Solving the mystery of fertilizer loss from Midwest cropland”, MSU Today, Michigan State University, April 15, 2019

Bruno Basso, Guanyuan Shuai, Jinshui Zhang, G. Philip Robertson, “Yield stability analysis reveals sources of large-scale nitrogen loss from the US Midwest”, Scientific American 9, Article 5774, 2019


Adam Turtle, “What Is At Risk and What We Can Do Now”, The Progressive Populist, May 1, 2020

David Montgomery, Jennifer Otten, Sarah Collier, “Growing our values – It’s time to rethink the disrupted U. S. food system from the ground up”, Cedar Rapids Gazette, June 21, 2020


John Ikerd, “The Economic Realities of CAFOs”, May, 2020, used for discussion during screenings of “Right to Harm” documentary

Nicoletta Batini, James Lomax, and Divya Mehra, “Why Sustainable Food Systems are Needed in a post-COVID World”, International Monetary Fund Blog, July 14 2020

Ruth Reichl, “The Changing American Table”, AARP The Magazine, August/September, 2020

Jonathan Foley, “It’s Time to Rethink America’s Corn System”, Scientific American, March 5, 2013

Michael A. Clark, Nina G. G. Domingo, Kimberly Colgan, Sumil K. Thakrar, David Tilman, John Lynch, Inês L. Azevedo, Jason D. Hill, “Global food system emissions could preclude achieving the 1.5° and 2°C climate change targets”, Science, November 6, 2020

Associated Press, “Fixing the food climate problem”, Cedar Rapids Gazette, November 8, 2020

Erik Stokstad, “Food and farming could stymie climate efforts, researchers say”, Science Magazine, November 5, 2020


News Release from Iowa State University Extension and Outreach, “New Research Identifies Four Farmer Types with Differing Perspectives on Soil and Water Conservation”, December 11, 2020

Suraj Upadhyaya, J. Gordon Arbuckle, Lisa A. Schulte, *Land Use Policy*, October, 2020


Alan Guebert, “Farm and Food: ‘Who do we blame for not farming the way we now know we should?’”, *Lincoln Star Journal*, March 13, 2021

Vernon Klinkenborg, “How the Loss of Soil Is Sacrificing America’s Natural Heritage”, *Yale Environment 360*, March 1, 2021

Julia Rosen, “Humanity is Flushing Away One of Life’s Essential Elements”, *The Atlantic*, February 8, 2021


Leo Horrigan, Robert S. Lawrence, Polly Walker, “How Sustainable Agriculture Can Address the Environmental and Human Health Harms of Industrial Agriculture”, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland, *Environmental Health Perspectives*, Volume 10, Number 5, May, 2002

Perry Beeman, “Study: Animal-based foods connected to 15,900 deaths a year”, *Iowa Capitol Dispatch*, May 11, 2021


Ray Archuleta, “Regenerative Agriculture Healing the Soil”, Carbon Summit, June, 2021, www.youtube.com/watch?v=QNW0ZN0XCpg


Ralph Plagman, “There’s a dark side to factory livestock production”, *Cedar Rapids Gazette*, July 4, 2021

Barbara Quinn, “Will skipping red meat help global warming?” *Cedar Rapids Gazette*, July 23, 2021, reprinted from the *Monterey Herald*

Laura van der Pol, Dale Manning, Francesca Cotrufo, Megan Machmuller, “Climate farming – To made agriculture more climate-friendly, carbon farming needs clear rules”, *Cedar Rapids Gazette*, July 18, 2021

“Kiss the Ground”, Narrated by Woody Harrelson, Directed by Directed by Joshua Tickell and Rebecca Harrell Tickell, 2020

Tom Philpott, “Field of Trees – The case for bringing foliage back to the Corn Belt”, Mother Jones, November + December, 2021


Beth Hoffman, Bet the Farm, Island Press, 2021