



# a MATTER of SPIRIT

A publication of the INTERCOMMUNITY PEACE & JUSTICE CENTER

NO. 103 / SUMMER 2014

## FOOTNOTES

### **Kenosis, Climate Change & Christianity** by Sallie McFague, Ph.D.

1. Gary Gardner, "Engaging Religions to Shape Worldviews," *State of the World 2010: Transforming Cultures from Consumerism to Sustainability*, ed. Linda Starke and Lisa Mastny (London: Earthscan, 2010)
2. *Ibid.*, 3.
3. "Cultures arise out of the complex interactions of many different elements of social behaviors and guide humans at an almost invisible level. They are...the sum total of all 'social processes that make the artificial (or human constructed) seem natural" (*Ibid.*, 8).
4. *Ibid.*, 26.
5. *Ibid.*, 28-29.
6. *Ibid.*, 26-27.
7. In a recent book, Gary Gardner speaks of "Progress as Bounded Creativity," which commends the energy of 20<sup>th</sup> century that has created genuine progress for many. However, he notes that our human creativity during the last century was "like a river without banks, the flow of innovation impressive but unchanneled. One missing riverbank was ecological wisdom...which might have helped rich and poor alike build more dignified and fulfilling lives" (*Inspiring Progress: Religions' Contributions to Sustainable Development* [New York: W.W. Norton and Co., 2006], 3). In other words, restraint is not the opposite of energy and creativity, but its necessary partner in sustainable progress.
8. Erich Heller, *The Disinherited Mind: Essays in Modern German Literature and Thought* (Cleveland, Ohio: World, 1961), 211.

### **Eco-System Economics** by James Gustave Speth

1. Herman E. Daly and Joshua Farley, *Ecological Economics* (Washington, DC: Island Press, 2004), 231. And see Daly, Herman E. "Uneconomic Growth in Theory and in Fact," Feasta Lecture, Trinity College, Dublin, April 26, 1999.
2. 2008 GDP per capita at purchasing power parity. Norway's is higher than the United State's. OECD, *OECD in Figures 2009* (Paris: OECD, 2009) 12-13.
3. See generally Herman E. Daly, *Beyond Growth* (Boston: Beacon Press, 1996); Clive Hamilton, *Growth Fetish* (London: Pluto Press, 2004); Peter A Victor, *Managing Without Growth* (Northampton, MA: Edward Elger, 2008); James Gustave Speth, *The Bridge at the Edge of the World: Capitalism, the Environment, and Crossing from Crisis to Sustainability* (New Haven: Yale University Press, 2008); and Tim Jackson, *Prosperity Without Growth: Economics of a Finite Planet* (London: Earthscan, 2009). See also Charles A.S. Hall and John W. Day, Jr., "Revisiting the Limits to Growth After Peak Oil," *American Scientist*, May-June 2009, 230.
4. World Wildlife Fund—International, *Living Planet Report 2010* (Gland, Switzerland: WWF, 2010), 8.
5. Paul Krugman, "The Finite World," *New York Times*, December 26, 2010. See also Jeff Rubin *Why Your World Is About to Get a Whole Lot Smaller* (New York: Random House, 2009). James Gustave Speth, *America the Possible: Manifesto for a New Economy* (Yale University Press, 2012), 91-93.
6. James Gustave Speth, *America the Possible: Manifesto for a New Economy* (Yale University Press, 2012), 53. I have covered this territory in two books, in 2004 and 2008. James Gustave Speth, *Red Sky at Morning: America and the Crisis of the Global Environment* (New Haven: Yale University Press, 2004) and *The Bridge at the Edge of the World: Capitalism, the Environment,*

*and Crossing from Crisis to Sustainability* (New Haven: Yale University Press, 2008). There are many excellent books on our environmental challenges. See, e.g., Paul Ehrlich and Anne Ehrlich, *One with Nineveh* (Washington, DC: Island Press, 2004); Lester R. Brown, *Plan B 4.0* (New York: Norton, 2009); Ross Gelbspan, *Boiling Point* (New York: Basic Books, 2004); Dianne Dumanoski, *The End of the Long Summer* (New York: Crown, 2009); Al Gore, *Our Choice* (Emmaus, PA: Rodale, 2009); Paul Gilding, *The Great Disruption* (New York: Bloomsbury, 2011); and Larry J. Schweiger, *Last Chance* (Golden, CO: Fulcrum, 2009). On the climate threat, see particularly David W. Orr, *Down to the Wire* (New York: Oxford University Press, 2009); Mark Hertsgaard, *Hot* (New York: Houghton Mifflin, 2011); and James Hansen, *Storms of My Grandchildren* (New York: Bloomsbury, 2010).

7. James Gustave Speth, *America the Possible: Manifesto for a New Economy* (Yale University Press, 2012), 97-98. Center for the Advancement of the Steady State Economy and Economic Justice For All, *Enough is Enough*, November 2010, <http://www.steadystate.org/enough-is-enough>. See also Herman E. Daly, "Economics in a Full World," *Scientific American*, September 2005, 100; Peter A. Victor, "Ecological Economics and Economic Growth," *Annals of the New York Academy of Sciences* 1185 (2010): 237-245; W.E. Rees, "Achieving Sustainability," *Journal of Planning Literature* 9, no. 4 (1995): 343-361; Stephen Spratt et al., *The Great Transition* (London: New Economics Foundation, 2009).
8. Genuine Progress Indicators: an alternative measure of growth—the American offshoot of the Index of Sustainable Economic Welfare, which "begins with national private consumption expenditures and then adjusts that for distributional inequalities. It then adds in nonmarket contributions to welfare, such as unpaid housework, and subtracts out defensive expenditures such as police protection and pollution control, and it also subtracts the depreciation of natural resources and environmental assets.... The GPI suggests that Americans on average are no better off today than they were in 1970 even though GDP per capita has grown greatly during that period."—Speth, *America the Possible: Manifesto for a New Economy* (New Haven: Yale University Press, 2012), 133.
9. James Gustave Speth, *America the Possible: Manifesto for a New Economy* (Yale University Press, 2012), 77.
10. *Ibid.*, 73.

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- i. Sharon Salyer, "Mudslide survivor: 'I did not let that baby go for one second,'" Local News, *The Seattle Times*, April 9, 2014, [http://seattletimes.com/html/localnews/2023341099\\_skorjancinterviewxml.html](http://seattletimes.com/html/localnews/2023341099_skorjancinterviewxml.html).
- ii. Glenn Farley, "BNSF railway has plans to mitigate rising landslide risks," Washington News NWCN, April 10, 2013, <http://www.nwcn.com/news/washington/202433631.html>.
- iii. Michael Snyder, "18 Startling Quotes About the Incredible Destruction Caused by Hurricane Sandy," *The Economic Collapse* (blog), October 30, 2012, <http://theeconomiccollapseblog.com/archives/18-startling-quotes-about-the-incredible-destruction-caused-by-hurricane-sandy> and Kevin Trenberth, Distinguished Senior Scientist at National Center for Atmospheric Research, "Hurricane Sandy mixes super-storm conditions with climate change," *The Conversation*, October 29, 2012, <http://theconversation.com/hurricane-sandy-mixes-super-storm-conditions-with-climate-change-10388>.
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- v. Ben Brumfield and Brian Todd, “The weather is cuckoo this winter, but there’s method to the madness,” *CNN*, February 20, 2014, <http://www.cnn.com/2014/02/15/us/weather-weird-pattern/>.
- vi. Adam Nagourney, “In Parched California, Town Taps Run Nearly Dry,” U.S., *The New York Times*, March 7, 2014, [http://www.nytimes.com/2014/03/08/us/a-dry-california-town-struggles-to-save-its-water-supply.html?\\_r=1](http://www.nytimes.com/2014/03/08/us/a-dry-california-town-struggles-to-save-its-water-supply.html?_r=1).
- vii. Adam Clark Estes, “How Bad Is California’s Drought? This Bad,” *Drought, Gizmodo*, February 26, 2014, <http://gizmodo.com/how-bad-is-california-as-drought-this-bad-1531567081> and Chris Dolce, “California Drought Reaches New Level of Severity Never Recorded on U.S. Drought Monitor in the State,” News & Blogs, *Weather Underground*, <http://www.wunderground.com/news/california-exceptional-drought-first-time-history-20140130>.
- viii. Mose Buchele, “Central Texas Farmers Could Lose Water Access Due to Drought,” interview by Jeremy Hobson. Here & Now, 90.9 *WBUR*, November 21, 2013, <http://hereandnow.wbur.org/2013/11/21/texas-farmers-drought>.
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- x. Allan Chernoff, “Gulf ‘dead zone’ suffocating fish and livelihoods,” *Technology, CNN*, August 19, 2008, <http://www.cnn.com/2008/TECH/science/08/18/dead.zone/>.
- xi. Matt Sampson, “NOAA: Huge Ocean Dead Zone in Gulf of Mexico (August 2013),” *ClimateState*, August 10, 2013, <http://climatestate.com/2013/08/10/noaa-huge-ocean-dead-zone-in-gulf-of-mexico-august-2013/> and David Perlman, “Scientists alarmed by ocean dead-zone growth,” *SFGate*, August 15, 2008, <http://www.sfgate.com/green/article/Scientists-alarmed-by-ocean-dead-zone-growth-3200041.php>.
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9. World Health Organization Global Malaria Programme, *World Malaria Report 2013*, [http://www.who.int/malaria/publications/world\\_malaria\\_report\\_2013/report/en/](http://www.who.int/malaria/publications/world_malaria_report_2013/report/en/).
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3. Wayne P et al., “Production of allergenic pollen by ragweed (*Ambrosia artemisiifolia* L.) is increased in CO<sub>2</sub>-enriched atmospheres,” *Ann All Asthma Immunol* 88 (2002): 279-82.
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