

The Environmental Argument for Reducing Immigration into the United States

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A serious commitment to environmentalism entails ending America's population growth and hence a more restrictive immigration policy. The need to limit immigration necessarily follows when we combine a clear statement of our main environmental goals—living sustainably and sharing the landscape generously with nonhuman beings—with uncontroversial accounts of our current demographic trajectory and of the negative environmental effects of U.S. population growth, nationally and globally. Standard arguments for the immigration status quo or for an even more permissive immigration policy are without merit. Americans must choose between allowing continued high levels of immigration and creating a sustainable society.

INTRODUCTION

The environmental argument for reducing immigration into the United States is relatively straightforward:

- (1) Immigration levels are at a historic high and immigration is now the main driver of U.S. population growth.
- (2) Population growth contributes significantly to a host of environmental problems within our borders.
- (3) A growing population increases America's large environmental footprint beyond our borders and our disproportionate role in stressing global environmental systems.
- (4) To seriously address environmental problems at home and become good global environmental citizens, we must stop U.S. population growth.

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- (5) We are morally obligated to address our environmental problems and become good global environmental citizens.
- (6) Therefore, we should limit immigration into the United States to the extent needed to stop U.S. population growth.

This conclusion rests on a straightforward commitment to mainstream environmentalism, easily confirmed empirical premises, and logic. Nevertheless, it is not the consensus position among American environmentalists.

Some environmentalists support continued high levels of immigration, while most are uncomfortable with the topic and avoid discussing it. So strong is this aversion that groups such as the Sierra Club, which during the 1970s prominently featured strong commitments to U.S. population stabilization, have dropped domestic population growth as an issue.¹ Several years ago, the group Zero Population Growth went so far as to change its name to Population Connection (“PC” for short).

In 2006, the United States passed the 300 million mark in population—that’s 95 million more people than were here for the first Earth Day in 1970—with little comment from environmentalists. In 2007, as Congress debated the first major overhaul of immigration policy in nearly twenty years, leaders from the principal environmental organizations remained silent about competing proposals that could have meant the difference between a U.S. population of 300 million, 600 million, or 1.2 billion people in 2100.

Like immigration policy for the past fifty years, immigration policy for the next fifty looks likely to be set with no regard for its environmental consequences. We believe this situation is a bad thing. As committed environmentalists, we would like to see our government set immigration policy (and all government policy) within the context of a commitment to sustainability. We don’t believe that the goals we share with our fellow environmentalists and with a large majority of our fellow citizens—clean air and clean water; livable, uncrowded cities; sharing the land with the full complement of its native flora and fauna—are compatible with continued population growth. It is time to rein in this growth—or forthrightly renounce the hope of living sustainably here in the United States.

DEFENDING THE ARGUMENT

Our claim, then, is that “the environmental argument” is sound and that the United States should scale back immigration. Some readers will disagree. So let’s look at the argument in more detail, starting with premise (1) that *immigration levels are at a historic high and immigration is now the main driver of U.S. population growth*.

Consider some demographic history. Between 1900 and 2000, the U.S. population almost quadrupled, from 76 million to 281 million people. The largest decadal

¹ Roy Beck and Leon Kolankiewicz, “The Environmental Movement’s Retreat from Advocating U.S. Population Stabilization (1970–1998): A First Draft of History,” *Journal of Policy History* 12 (2000): 123–56.

population increase was also the most recent: a 32.7 million increase between 1990 and 2000.² This population growth resulted from a mixture of natural increase and immigration, which, as the following figure shows, has varied widely over the past century.

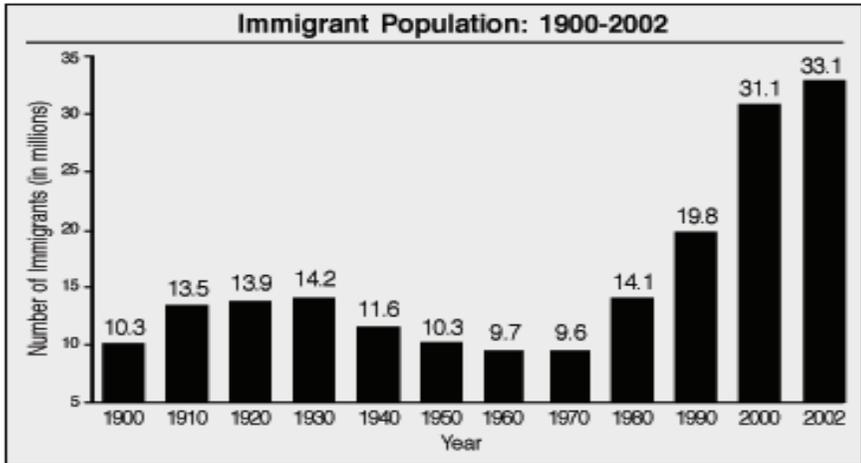


Figure 1. Steven Camarota, “Immigrants in the United States—2002: A Snapshot of America’s Foreign-Born Population” (Washington, D.C.: Center for Immigration Studies, 2002). Data from U.S. Census Bureau.

From 1880 to the mid-1920s, America experienced an immigration boom, “the Great Wave,” during which immigration averaged 600,000 annually. U.S. population numbers grew rapidly in these years, due to a combination of high birth rates and high levels of immigration. For the next forty years, from 1925 to 1965, the United States had a relatively restrictive immigration policy, which allowed 200,000 people into the country annually, on average. The U.S. population grew substantially during this time, too, from 115 million to 194 million, primarily due to high rates of natural increase. During the 1950s, for example, American women had an average of 3.5 children apiece, far above the 2.1 total fertility rate (TFR) necessary to maintain the population of a nation with modern health care and sanitation.

By the 1970s, American women were averaging fewer babies—in 1975 the total fertility rate stood at a lowest-ever 1.7—and the U.S. was well positioned to transition from a growing to a stable population. One study found that without post-1970 immigration, the U.S. population would have leveled off below 250 million in the first few decades of this century.³ It didn’t happen, however, because in 1965 and

² U.S. Census Bureau, Decennial Censuses of Population, 1900 to 2000.

³ Leon Bouvier, “The Impact of Immigration on United States’ Population Size: 1950–2050,” *Negative Population Growth*, Washington, D.C., 1998 (http://www.npg.org/forum_series/imm_impact_usgrowth.htm).

several times thereafter Congress greatly increased immigration levels. Between 1965 and 1990, immigration averaged one million people annually—*five times the average in the previous four decades*. Since 1990, immigration has increased even more, to approximately 1.5 million annually (one million legal and half a million illegal)—the highest rate in history.

For these reasons, the United States population has continued to grow, resulting in a missed opportunity to get one key aspect of sustainability—human numbers—under control. Currently our population stands at 305 million people, and it continues to grow rapidly.

Such is our demographic past; what of our demographic future? The Grand Council of the Iroquois famously looked “seven generations” out concerning the impacts of their decisions. Looking four generations into the future, in 2000 the U.S. Census Bureau released the population projections in Table 1.

Year	Lowest Series	Middle Series	Highest Series
2000	275	275	276
2010	291	300	311
2020	304	325	355
2030	312	351	410
2040	315	377	476
2050	314	404	553
2060	311	432	643
2070	307	464	749
2080	301	498	874
2090	293	534	1,017
2100	283	571	1,182

Table 1. Projected United States Population in Millions. U.S. Census Bureau, “Annual Projections of the Total Resident Population as of July 1: Middle, Lowest, Highest, and Zero International Migration Series, 1999 to 2100,” U.S. Census Bureau, Washington, D.C., 2000.

Each of the three projections or “series” incorporates somewhat different birth, death, and immigration parameters, but since fertility rates and life expectancy don’t change greatly under the three scenarios, immigration levels make the main difference. Under the “lowest” projection, with immigration around 200,000 annually, the U.S. population grows slowly for a few decades, levels off around 2030, and then decreases slightly. Under the middle projection, with immigration a little less than one million annually, we will nearly double our population by 2100. Under the highest scenario, with more than two million annual immigration, our population doubles in fifty years and nearly doubles again by 2100. Crucially, under both

the middle and highest series, America's population would continue to grow after 2100, with no end in sight. Obviously, according to the census bureau, immigration makes a huge difference to future U.S. population. Premise one is true.

What of premise (2) that *population growth contributes significantly to a host of environmental problems within our borders*? Here, unfortunately, we're faced with an embarrassment of riches. From many potential examples, let us briefly discuss one: urban sprawl.

In the past two decades, sprawl, defined as new development on the fringes of existing urban and suburban areas, has come to be recognized as an important environmental problem in the United States. Between 1982 and 2001, the United States converted 34 million acres of forest, cropland, and pasture to developed uses, an area the size of Illinois. The average annual rate of land conversion increased from 1.4 million acres to 2.2 million acres over this time, and continues on an upward trend.⁴ Sprawl is an environmental problem for lots of reasons, including increased energy consumption, water consumption, air pollution, and habitat loss for wildlife. Habitat loss is by far the number one cause of species endangerment in the United States⁵; unsurprisingly, some of the worst sprawl centers (such as southern Florida and the Los Angeles basin) also contain large numbers of endangered species.

What causes sprawl? Transportation policies that favor building roads over mass transit appear to be important sprawl generators. So are zoning laws that encourage "leapfrog" developments far out into the country, and tax policies that allow builders to pass many of the costs of new development on to current taxpayers rather than new home buyers. Between 1970 and 1990, these and other factors caused Americans' per capita land use in the hundred largest metropolitan areas to increase 22.6 percent. In these same areas during this same period, however, the amount of developed land increased 51.5 percent.⁶

What accounts for this discrepancy? The number one cause of sprawl by far is population growth. New houses, new shopping centers, and new roads are being built for new residents. As figures 2a and 2b illustrate, in recent decades, cities and states with the highest population growth rates have also shown the most sprawl.

The most comprehensive study to date on the causes of sprawl in the United States analyzed several dozen possible factors. Grouping together all those factors which can increase per capita land use and comparing these with the single factor of more "capitas," it found that in America between 1982 and 1997, fifty-two

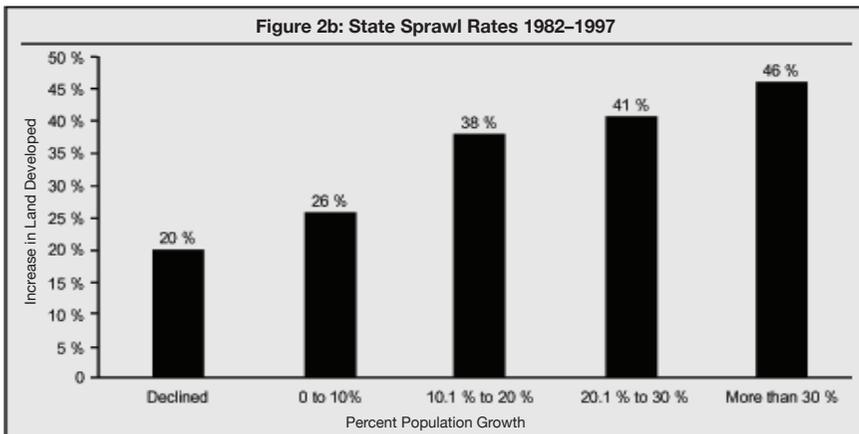
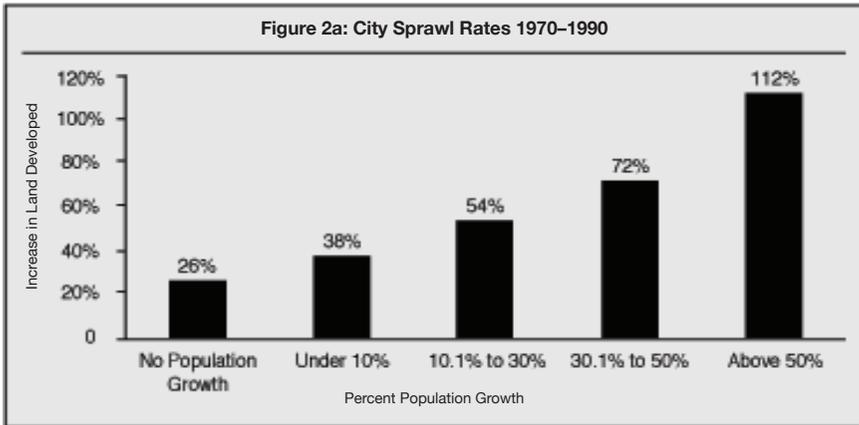
⁴ "National Resources Inventory 2001, Urbanization and Development of Rural Land," Natural Resources Conservation Service, U.S. Department of Agriculture (<http://www.nrcs.usda.gov/technical/land/nri01/nri01dev.html>).

⁵ D. S. Wilcove, D. Rothstein, J. Dubow, A. Phillips, and E. Losos, "Quantifying Threats to Imperiled Species in the United States: Assessing the Relative Importance of Habitat Destruction, Alien Species, Pollution, Overexploitation, and Disease," *BioScience* 48 (1998): 607–15.

⁶ Roy Beck, Leon Kolankiewicz and Steven Camarota, *Outsmarting Smart Growth: Population Growth, Immigration, and the Problem of Sprawl* (Washington, DC: Center for Immigration Studies, 2003), p. 5.

percent of sprawl was attributable to population increase, while forty-eight percent was attributable to misguided policies that increased land use per person.⁷

Some “smart growth” advocates resist the conclusion that population growth is an important sprawl factor, partly because they don’t want to obscure the need for good planning and land use policies. They point out that several metropolitan areas that lost population in recent decades exhibited significant sprawl, including St. Louis, Detroit, and Pittsburgh. Of America’s hundred largest metropolitan areas, eleven lost population between 1970 and 1990; yet, they sprawled an average of twenty-six



Figures 2a and 2b. City and State Sprawl Rates. From Roy Beck, Leon Kolankiewicz, and Steven Camarota, *Outsmarting Smart Growth: Population Growth, Immigration, and the Problem of Sprawl* (Washington, D.C.: Center for Immigration Studies, 2003).

⁷ Ibid.

percent (see figure 2a). This shows that poor land use planning and bad transportation, zoning and tax policies are indeed important in generating sprawl.

On the other hand, cities with growing populations sprawled even more. Several states that managed to *decrease* their per capita land use during this period also sprawled, due to high rates of population growth. From 1982 to 1995, Nevada decreased its per capita land use twenty-six percent while sprawling thirty-seven percent, due to a whopping ninety percent population increase. Arizona decreased per capita land use thirteen percent while its population increased fifty-eight percent, generating forty percent sprawl.⁸ These examples show that population growth also causes sprawl.

The bottom line is that if we want to stop sprawl, we must change the transportation, tax, zoning, and population policies that encourage it. We will not stop sprawl if we simply accept as inevitable that factor—population increase—which the best research shows accounts for over half of the problem. Nor will we solve our other major domestic environmental problems because premise two is true.

As environmentalists, though, we need to “think globally.” So what of premise (3) that *a growing population increases America’s large environmental footprint beyond our borders and our disproportionate role in stressing global environmental systems?* Consider global warming, arguably the most important environmental challenge facing the world in the twenty-first century. Nothing mortifies American environmentalists more than our country’s failure to show leadership in combating global warming. As the world’s largest economy and historically largest greenhouse gas emitter, the United States has a moral obligation to lead the world in meeting this challenge. A good start would be striving to stabilize greenhouse gas emissions at 1990 levels (the Kyoto protocol, rejected by the U.S., calls for an initial reduction of five percent below 1990 levels). Meeting even this modest objective will prove difficult, however, if our population continues to grow.

Look at the numbers. U.S. CO₂ emissions increased 20.4 percent between 1990 and 2005, from 4,991 to 6,009 million metric tons,⁹ which means that we would have to decrease our emissions 20.4 percent per person to get back to 1990 levels, *at our current population*. But if we double our population, as we are on track to do in six decades, we will have to decrease per capita emissions 58.5 percent in order to reduce CO₂ emissions to 1990 levels—almost three times as great a per capita reduction. Such reductions will be much more expensive and demand greater sacrifice from Americans. They are thus less likely to happen.

“Hold on a minute,” critics may respond. “We can and should cut our carbon emissions sixty percent or even more. The technologies exist and America is wealthy enough to meet our moral obligation to address global warming. The problem, above all, is Americans’ hoggish overconsumption.”

⁸ Ibid., pp. 68–69.

⁹ Energy Information Administration, U.S. Department of Energy, “Emissions of Greenhouse Gases in the United States 2005,” November 2006 ([ftp://ftp.eia.doe.gov/pub/oiaf/1605/cdrom/pdf/ggrpt/057305.pdf](http://ftp.eia.doe.gov/pub/oiaf/1605/cdrom/pdf/ggrpt/057305.pdf)).

We agree.¹⁰ Limiting consumption must play an important role in addressing global warming. American environmentalists should work to enact policies that reduce our fossil fuel consumption as much as possible. Such policies should include increased taxes on fossil fuels; redirecting transportation funding from highway construction to mass transit; heavy subsidies for wind and solar power; large increases in auto fuel standards; improved building codes that reduce the energy needed for heating and cooling; and more.

However, re-engineering the world's largest economy and changing the consumption patterns of hundreds of millions of people are immense undertakings that will be difficult, expensive and (we may assume) only partly successful. Al Gore has stated that global warming is "the moral challenge of our time"; many of us agree with him. But if Americans are serious about doing our part to limit global warming, the "multiplier effect" of population growth is too important to ignore.

Again, look at the numbers. Between 1990 and 2003, U.S. *per capita* CO₂ emissions increased 3.2 percent, while *total* U.S. CO₂ emissions increased 20.2 percent.¹¹ Why the discrepancy? During that same period, America's population increased 16.1 percent.¹² More people drove more cars, built more houses, etc. Population growth greatly increased total emissions, and it is *total* emissions, not *per capita* emissions, which quantify our full contribution to global warming.

Before we go on, please note: we do not claim that by itself, halting U.S. population growth will solve sprawl or meet our global-warming responsibilities. On the contrary, Americans must reduce our *per capita* consumption of land and energy in order to meet these challenges. On the other hand, the evidence clearly shows that recent population growth has increased Americans' total land and energy consumption and made these problems even worse. Americans must address both overconsumption and overpopulation if we hope to create a sustainable society and contribute to a sustainable world.¹³

Clearly premises two and three are true: U.S. population growth contributes seriously to both domestic and global environmental problems. Can we go further and state, with premise (4) that *in order to seriously address environmental problems at home and become good global environmental citizens, we must stop U.S. population growth?*

Yes, we can. It is of course possible to spin out scenarios in which America's population doubles, triples, or quadruples, and yet we still manage, through miracles

¹⁰ See for example Philip Cafaro, "Less is More: Economic Consumption and the Good Life," *Philosophy Today* 42 (1998): 26–39; and Philip Cafaro, "Economic Consumption, Pleasure and the Good Life," *Journal of Social Philosophy* 32 (2001): 471–86.

¹¹ Carbon Dioxide Information Analysis Center, U.S. Department of Energy, "National Fossil Fuel CO₂ Emissions—All Countries" (http://cdiac.ornl.gov/trends/emis/tre_coun.htm).

¹² U.S. Census Bureau, International Data Base, "Country Summaries." All census bureau publications referenced in this article may be accessed at <http://www.census.gov>.

¹³ Simple logic suggests that endless human population growth is incompatible with (in chronological order) generous sustainability, anthropocentric sustainability, basic human happiness, and the laws of physics. Sooner or later, human beings will have to face population issues squarely. Better sooner!

of technological creativity or ethical self-sacrifice, to become ecologically sustainable. But these fantasies are implausible, and therefore morally suspect as a basis for action (or inaction). Given the difficulties of getting 300 million Americans to curb their consumption, there is no reason to think we will be able to achieve sustainability with two, three, or four times as many Americans.¹⁴

Consider global warming again. Most readers will be familiar with a version of Pacala and Socolow’s “wedge diagram” below, a heuristic designed to help us think about the steps needed to address global warming.

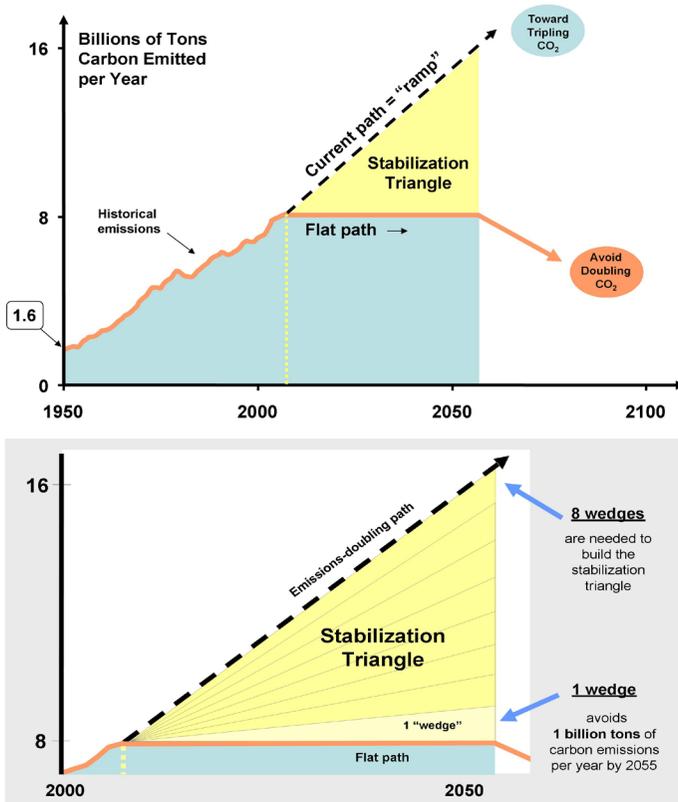


Figure 3a and 3b. Stabilization Triangles. Courtesy of the Carbon Mitigation Initiative, Princeton University (<http://www.princeton.edu/~cmi/>).

¹⁴ Indeed, there are good reasons to think that 300 million Americans is already much too high. David and Marcia Pimentel, “Land, Energy and Water: The Constraints Governing Ideal U.S. Population Size,” *Negative Population Growth*, Washington, D.C., 1990, suggest a U.S. population of 40 to 100 million might be truly sustainable, given the right environmental policies.

Each “wedge” in the “stabilization triangles” (fig. 3a and fig. 3b) above represent a technological change or (much less frequently) a decrease in consumption which, if fully implemented, would keep one billion metric tons of carbon from being pumped into the air fifty years from now. The authors reckon eight such wedges must be implemented—not to reduce atmospheric CO₂; not to stabilize CO₂ levels—but simply to keep atmospheric carbon from pushing past potentially catastrophic levels during this period.¹⁵

Following on this work, scientists with the Natural Resources Defense Council produced a similar analysis for potential U.S. climate action. Since U.S. emissions are almost twenty-five percent of global emissions, a “U.S. wedge” can be defined as an emission reduction of a quarter billion metric tons of carbon fifty years from now. Assuming we do our part, they also believe eight U.S. wedges are needed to avert a possible climate catastrophe.¹⁶ Potential wedges include:

- *Passenger vehicle efficiency, 1.1 Wedges (0.27 billion ton reduction)*: Increase the average fuel economy of vehicles to fifty-four miles per gallon, compared with twenty-four miles per gallon under business as usual.
- *Renewable energy, 1.6 Wedges (0.39 billion ton reduction)*: Increase renewable energy (e.g., wind and biomass) to thirty percent of total electricity generation by 2050, compared with less than five percent under business as usual. This much electricity could be supplied by 250,000 2-MW-turbines, spread over 20 million acres of land.
- *Carbon capture and storage, 1.3 Wedges (0.32 billion ton reduction)*: Unproven, yet-to-be-developed technology is applied to state-of-the-art coal-fired power plants generating 160 GW of electricity. Additional CO₂ captured from natural gas production facilities, large industrial sources, and ethanol plants.

We can probably agree that convincing Americans to implement such sweeping, expensive changes will be difficult. Some of these wedges might not pan out technically; most of them have their own environmental costs. Remember: we need *eight* wedges to do our part.

Now compare these figures with two U.S. population wedges that we’ve calculated, one positive and one negative. First the positive wedge:

- *Population increase slowed, 1.2 Wedges (0.31 billion ton reduction)*: Immigration is halted, resulting in 57.3 million less U.S. citizens fifty years from now.

¹⁵ Stephen Pacala and Robert Socolow, “Stabilization Wedges: Solving the Climate Problem for the Next Fifty Years with Current Technologies,” *Science* 305 (2004): 968–72.

¹⁶ Daniel Lashof and David Hawkins, “An Action Plan to Reduce U.S. Global Warming Pollution,” Natural Resources Defense Council, Washington, D.C., 2006.

According to the U.S. Department of Energy, in 2005 Americans averaged 5.4 metric tons of carbon generated per capita. That means that each 46.2 million people added to the U.S. population adds one more wedge of a quarter billion tons of carbon into the atmosphere. Immigration is set to add 57.3 million more people to the U.S. population in the next fifty years; preventing that population increase would provide over one full U.S. wedge.

Remember, though, that immigration can go up as well as down. So here is a second, de-stabilization wedge:

- *Population increase accelerated, 1.4 wedges (0.34 billion tons):* Immigration is increased from 1.5 million to 2.25 million per year, resulting in 63.2 million more U.S. citizens fifty years from now.

If the 2007 Bush/Kennedy immigration “reform” bill had passed Congress, immigration might have increased from 1.5 to 2.25 million annually.¹⁷ By our calculations, it would have increased America’s population by 63.2 million more people over the next fifty years—pumping another 0.34 billion tons more carbon into the air annually. Adding that many more people would equal almost one and a half U.S. wedges¹⁸

Such considerations suggest that while we cannot prove that premise (4) is true, it is highly probable: we must stop U.S. population growth in order to meet our environmental responsibilities. If we are good environmentalists, that should be enough.

That we *are* good environmentalists is captured by premise (5) that *we are morally obligated to address our environmental problems and become good global environmental citizens*. We will not argue for this premise here, or provide a detailed statement of what it amounts to in practice. Environmentalism means many things to many people. Still, there are two general goals to which most environmentalists subscribe: (1) creating societies that leave sufficient natural resources for future human generations to live good lives; and (2) sharing the landscape generously with nonhuman beings. Let’s call this “generous sustainability,” to differentiate it from more selfish, narrow, economically-defined conceptions of sustainability. We believe a moral commitment to “generous sustainability” captures the core of environmentalism. Such a commitment is explicitly endorsed by all the main

¹⁷ We say “might” have increased immigration by this amount, since supporters of this bill took great care to obscure its impact on overall immigration levels.

¹⁸ For more on this topic, see Leon Kolankiewicz and Steven Camarota, “Immigration to the United States and World-Wide Greenhouse Gas Emissions,” Center for Immigration Studies, Washington, D.C., 2008. Among their findings, “The estimated CO₂ emissions of the average immigrant (legal or illegal) in the United States are 18 percent less than those of the average native-born American. However, immigrants in the United States produce an estimated four times more CO₂ in the United States as they would have in their countries of origin.” Most important, “The impact of immigration to the United States on global emissions is equal to approximately 5 percent of the increase in annual worldwide CO₂ emissions since 1980.”

environmental philosophies espoused today, including Rolston and Callicott's intrinsic value theory, Norton's enlightened anthropocentrism, Naess' deep ecology, Warren and Plumwood's ecofeminism, and Cafaro and Sandler's environmental virtue ethics. We therefore take it as true, for the purpose of our argument.¹⁹

To sum up, we claim that premises (1) through (5) of "the argument" are true (or at least that any serious environmentalist needs to treat them as true). But our conclusion necessarily follows from them. Therefore, that conclusion (6) is also true: that *we should limit immigration into the United States to the extent needed to stop U.S. population growth.*

OUR POLICY PROPOSAL—AND THE ALTERNATIVE

We propose, then, that the United States reduce immigration by taking the following measures:

- Cut legal immigration from one million to 200,000 per year (the level allowed during the middle of the last century).
- Reduce illegal immigration by strictly enforcing sanctions against employers who hire illegal workers (it is fruitless to try to lower legal immigration levels while ignoring or condoning illegal immigration).
- Rework trade agreements, and increase and better target development aid, to help people live better lives in their own countries.

Such a policy would allow some of the benefits of immigration to continue (provide asylum for political refugees, allow small influxes of workers with special skills, etc.) while helping the United States achieve a stable population within three decades. Because our total fertility rate is right around "replacement rate" (2.1), such stabilization is no wild eco-fantasy. The United States is nearly there, if we are willing to limit immigration.²⁰

Our proposal is solidly within the mainstream of the best thinking on sustainability. As the President's Council on Sustainable Development put it in 1996, "Managing population growth, resources, and wastes is essential to ensuring that the total impact of these factors is within the bounds of sustainability. Stabilizing the population without changing consumption and waste production patterns would not be enough, but it would make an immensely challenging task more manageable. In the United States, each is necessary; neither alone is sufficient." One of the council's ten major

¹⁹ Even those holding narrower anthropocentric conceptions of sustainability should arguably advocate reducing U.S. immigration, for the good of future generations in the United States and abroad. Even if all you care about is people, you might think there can be too many of us. We are grateful to Ian Smith for emphasizing this point.

²⁰ The same holds true for most other developed nations, whose total fertility rates tend to be even lower than the United States' total fertility rate.

suggestions for creating a sustainable society was “Move toward stabilization of U.S. population.”²¹

Many readers will instinctively recoil from our proposal. But we contend that paeans to sustainability, or talk of nonhuman beings having an intrinsic value that we need to respect, or pleas to replace hierarchical thinking and the logic of domination with egalitarian ecological caring, are all mere cant, when coupled with a blithe acceptance of the doubling, tripling, or quadrupling of America’s human population. In the second half of this paper, we address some of the main objections that might be raised against our proposal. But at a minimum, we insist that readers unwilling to reduce immigration into the United States own the demographic and environmental implications of their positions.

If you support the immigration status quo of 1.5 million immigrants annually, then you also support tripling America’s population to about 900 million people by 2100.

If you support reining in illegal immigration but continuing current levels of legal immigration into the United States (about one million annually), then you also support doubling America’s population to about 600 million people by 2100.

If you support an immigration policy along the lines of the Bush/Kennedy bill, which might have increased immigration to 2.25 million people annually, then you also support quadrupling America’s population to about 1200 million people by 2100.

If you support these three scenarios or anything like them, then you don’t just support drastically increasing America’s human population. You also support more cars, more houses, more malls, more power lines, more concrete and asphalt. You support less habitat and resources for wildlife; fewer forests, prairies and wetlands; fewer wild birds and wild mammals (except perhaps for house sparrows, rats, and a few other human commensals). You support replacing these other species with human beings and our economic support systems.

In other words, if you support these three scenarios or anything like them, then you reject generous sustainability. Given the grave dangers flagged in the 2007 I.P.C.C. reports and the 2005 Millennium Ecosystem Assessment, if you support anything like these three scenarios, you cannot even plausibly claim to support a narrow, anthropocentric sustainability. We turn now to the question of whether despite this conflict with sustainability, justice demands a permissive immigration policy.

MORAL OBJECTIONS

Perhaps the most important objections raised against restrictive immigration policies are that they are unjust, because they are unfair to potential immigrants.

²¹ President’s Council on Sustainable Development, *Sustainable America: A New Consensus for Prosperity, Opportunity, and a Healthy Environment for the Future* (Washington, D.C.: U.S. Government Publishing Office, 1996).

One concise way of stating this point is to say that would-be immigrants have a *right* to live and work in the United States. While some immigrants' rights proponents argue for abolishing national borders altogether, most assert a general human right to freely move and settle without regard to national borders, subject to reasonable state restrictions to keep out criminals and prevent gross harms to receiving societies.

Clearly this right does not exist in American law. The Constitution names no right to immigrate, and the Supreme Court has consistently upheld the federal government's right to regulate immigration into the country. Neither does such a right exist in international law. The UN Universal Declaration of Human Rights does not assert a general human right to immigrate into the country of one's choice; nor do other major framework international rights treaties.²² Proponents, then, claim first the existence of a *moral* right to immigrate freely across borders, and second that national laws should be amended accordingly. What arguments do they provide for creating this new and important legal right?

Chandran Kukathas gives the following "liberal egalitarian" argument for open borders. From a proper universalistic moral point of view, he maintains, citizens of rich countries have no special claims to the resources and opportunities into which they have been born. "Egalitarianism demands that the earth's resources be distributed as equally as possible," he writes, "and one particularly effective mechanism for facilitating this is freedom of movement." Egalitarians want to equalize not just resources, but opportunities. Allowing people to migrate from poor, overcrowded countries with high unemployment and little chance for economic advancement to wealthier, less crowded countries equalizes opportunities. "Our starting point," Kukathas suggests, "should be a recognition of our common humanity and the idea that both the resources of the earth and the cooperation of our fellows are things to which no one has any privileged entitlement." For these reasons, "the movement of peoples should be free."²³

This is a powerful argument, since it rests on egalitarian values that many people share. It also relies on the common thought: "What right do I have to 'shut the door' on people who are just as good as I am and who, through no fault of their own, have been born into less happy circumstances?" Kukathas' argument may speak particularly strongly to people who feel some sympathy with egalitarianism, but

²² See for example the European Convention for the Protection of Human Rights and Fundamental Freedoms (1950) or the International Covenant on Civil and Political Rights (1966). Article 13 of the UN Declaration asserts: "Everyone has the right to freedom of movement and residence *within the borders of each state*" (emphasis added). Here the right of movement and residence is clearly limited to a citizen's home country. Article 14 asserts: "Everyone has the right to seek and to enjoy in other countries asylum from persecution." But this is a right to temporary refuge, not permanent settlement or full citizenship. Most immigrants to the United States are not fleeing persecution but trying to better their lives; hence the right of asylum does not come close to justifying their right to immigrate into the U.S. Since our immigration proposal accommodates legitimate asylum claims, it does not run afoul of article 14.

²³ Chandran Kukathas, "Immigration," in Hugh LaFollette, ed., *The Oxford Handbook of Practical Ethics* (Oxford: Oxford University Press, 2003), p. 586.

not enough to do anything about it personally, for it says to wealthy Americans, “You don’t have to give up anything yourself to help poor people overseas live better lives. You can fulfill any moral obligations you may have toward them by allowing them to come here and cut your grass, cook your food and diaper your children.”

Nevertheless, despite these strengths, there are good reasons to reject the liberal egalitarian argument for open borders. Any rights claim must be tested against its effects on all interested parties—not just the parties pressing the claim. Even widely accepted, fundamental human rights must be balanced against other rights and other important interests.

As we have seen, current high levels of immigration into the United States are leading to a larger population, which makes it much harder to share the landscape generously with nonhuman beings. Allowing a general right to immigrate into the U.S. would greatly accelerate this process. With “open borders,” the interests of nonhuman nature would be sacrificed completely to the interests of people. The *economic* interests of would-be immigrants would trump the very *existence* of many nonhuman organisms, endangered species, and wild places in the United States.

Kukathas (and most immigrants’ rights advocates) can accept this trade-off. As the previous quotes illustrate, Kukathas sees nature essentially as “the Earth’s resources”; the only question to ask about them is how people may divide them up fairly and efficiently. In seeking to make sense of Australian environmentalists’ arguments for limiting immigration, he reduces these to worries that “parks and sewerage services” will be “degraded”—a revealingly soulless locution.²⁴

But those of us who reject this anthropocentric perspective must consider the interests of the nonhuman beings that would be displaced by an ever increasing human presence. We ourselves believe that the human appropriation of natural landscapes has progressed so far in America, that any further appropriation is unjust. Some readers might not be willing to go that far (although if that is the case, we wonder what you are waiting for). But it is important to realize that accepting a general right to immigrate leaves no room to take nature’s interests seriously, in the U.S. or elsewhere, since it ensures that the human appropriation of nature will continue to increase. For this reason alone, it must be rejected by anyone committed to generous sustainability.

A general right to immigrate also would conflict with American citizens’ right to self-government. Immigration can change the character of a society, for better or worse; large-scale immigration can change a society quickly, radically and irrevocably. Since self-government is a fundamental and well-established human right, the citizens of particular nations arguably should retain (through their elected officials) significant control over immigration policies. As Michael Walzer puts it, in an influential discussion of immigration, “Admission and exclusion are at the core of communal independence. They suggest the deepest meaning of self-determination.

²⁴ Ibid., p. 574.

Without them, there could not be communities of [a specific] character, historically stable, ongoing associations of men and women with some special commitment to one another and some special sense of their common life."²⁵

The citizens of a nation may work hard to create particular kinds of societies: societies which are sustainable, for example, or which limit inequalities of wealth, or which treat women and men as equals. They typically develop feelings of affiliation and social commitments that have great value in themselves and that enable communal projects which create further value. It seems wrong to suggest that these achievements, which may provide meaning, secure justice, and contribute substantially to people's quality of life, must be compromised because people in other countries are having too many children, or have failed to create decent societies themselves. Such a situation does not call for the creation of a new right which undermines the self-government of others. Instead, it suggests that would-be immigrants need to take up *responsibilities* for self-government which they and their leaders have neglected in their own countries.²⁶

Environmentalists also worry that increasing human numbers will rob future generations of their right to enjoy a healthy environment with its full complement of native species. As the authors watch increasing numbers of people displace wildlife along Colorado's Front Range, we recall a rueful passage from Henry David Thoreau's journal, as he reflected on his own Concord landscape:

When I consider that the nobler animals have been exterminated here, I cannot but feel as if I lived in a tamed, and, as it were, emasculated country . . . I take infinite pains to know the phenomena of the spring, thinking that I have here the entire poem, and then, to my chagrin, I hear that it is but an imperfect copy that I possess and have read, that my ancestors have torn out many of the first leaves and grandest passages, and mutilated it in many places.²⁷

We believe that like Thoreau, our descendants will "wish to know an entire heaven and an entire earth." Since a growing population undermines the right of future Americans to enjoy a safe, clean environment and to know and explore wild nature, we must reject a general right to freely immigrate into the United States.

²⁵ Michael Walzer, *Spheres of Justice: A Defense of Pluralism and Equality* (New York: Basic Books, 1983), p. 62. Current attempts to increase immigration into the U.S. run afoul of the right to self-government more directly. Polls consistently show Americans want less immigration, not more. Surely in a democracy, their desires should be taken into account.

²⁶ In researching a book on the ethics of immigration, the lead author has asked numerous immigrants from Mexico and Central America why they came to the United States. Invariably, they have spoken of "corruption" and the fact that a poor man or woman cannot make a good life in their countries. What is the proper response to this? Surely not: "well then, let Mexico go to the dogs! Come to America, and bring all your relatives!" Better: "Mexico needs to reform itself. You need to get to work; what can Americans do to help?" Respondents usually snorted with incredulity at the suggestion that their countries might be reformed—but we think their fatalism is part of the problem.

²⁷ Henry David Thoreau, *Journal* (New York: Dover Press: 1962), vol. 8, pp. 220–21 (23 March 1856).

For American environmentalists the interests of nonhuman nature, the right and responsibility of self-government, and our concern for future generations, all come together in our efforts to create a sustainable society. Because we take this responsibility seriously and because it cannot be achieved without stopping America's population growth, we must reject a general right to immigrate into the United States.

Please note that this discussion does not deny the importance of human rights. It presupposes them. Rights allow us to protect important human interests and create egalitarian societies which maximize opportunities for people to flourish. We believe rights are justified ultimately *because* they contribute to such human flourishing. But when rights are pressed so far as to undermine human or nonhuman flourishing, they should be rejected.²⁸

Even if no general right to immigrate exists, however, there might still be good moral reasons for upholding the permissive immigration status quo. Consider the following welfare-based argument.²⁹

Approximately one and a half million people immigrate into the United States each year, and clearly the majority believe they will improve their own or their families' welfare by doing so. Otherwise they wouldn't come. Immigrants may find educational, vocational, or other personal opportunities in the United States that they would otherwise be denied. Immigrants coming from some countries may significantly improve their own or their families' health and longevity. All else being equal, the potential improvements in would-be immigrants' welfare seem to make a powerful argument for continuing to allow mass immigration.

Of course, all else is *not* equal, as we have already shown. Whatever may once have been the case, today, continued mass immigration into the United States threatens the very existence of many nonhuman beings and species. It compromises future generations' right to a decent environment, both here and abroad. It makes it easier for common citizens and wealthy elites in other countries to ignore the conditions that are driving so many people to emigrate in the first place. In addition, economists have shown that mass immigration drives down the wages of working-class Americans and increases economic inequality in the United States.³⁰ For all these reasons, the "welfare" argument does not make a convincing case for continuing high levels of immigration. Indeed, we believe current high immigration levels are so harmful to the welfare of nonhuman beings and poor Americans, that our immigration policy is unjust toward those two groups.³¹

²⁸ As Holmes Rolston, III puts it, "Human rights are welcome where they are nonrival with the health of the [ecological] system. But human rights that claim to trump the system are doubtful rights." *Conserving Natural Value* (New York: Columbia University Press, 1994), p. 233.

²⁹ Thanks to Simon James, Clare Palmer, and Ron Sandler for helping us formulate this argument.

³⁰ George Borjas, *Heaven's Door: Immigration Policy and the American Economy* (Princeton: Princeton University Press, 1999).

³¹ Ryan Pevnick, Philip Cafaro, and Mathias Risse, "An Exchange: The Morality of Immigration," *Ethics and International Affairs* 22 (2008): 241–59.

Still, immigration's benefits to *new immigrants* remain substantial, and welfare arguments of the sort just canvassed cannot be ignored. They point to a responsibility, not to immigrants per se, but to people around the globe who live in poverty, insecurity, and injustice. Even the most generous immigration policies will not help most of them, since only a small percentage can conceivably emigrate from their home countries, and the worst off rarely have the resources to do so. The wealthy people of the world—including not just citizens of “the West,” but hundreds of millions of people in the developing world—owe the world's poor people something. Not the lucky few millions who manage to immigrate to the West, but the *billions* who will have to sink or swim where they are. Just what do we owe them?

We're not sure. In *One World: The Ethics of Globalization*, Peter Singer argues that wealthy individuals and nations can and should increase and better target charity and foreign aid, to improve conditions for poor people overseas.³² We find Singer's arguments convincing, although his account mostly ignores the responsibilities third-world elites have to create economically just societies and poor third-world citizens have to fight for them. Views about the scope of our “global” obligations and the best ways to fulfill them are likely to vary widely. However, we hope most of you will agree that wealthy people—West and East—have a *prima facie* duty to share some of our wealth and help the world's poor people live better lives. Rather than try to justify this duty, we'll finish with three brief comments on its proper scope and pursuit.

First, mass immigration is neither a sufficient nor an efficient means of meeting it. Inviting the world's poor to America to become our servants is a poor substitute for helping them create safe, just, flourishing societies where they live. Even taking the most positive view possible of its effects on immigrants, mass immigration does nothing for the vast majority of the world's poor.³³

Second, serious environmentalists will not allow efforts to help poor people, run roughshod over their environmental commitments. Serious and immediate human needs may sometimes overrule our *prima facie* duties to protect wild nature and preserve a healthy environment. But committed environmentalists cannot interpret our social duties in ways that make our environmental duties impossible to fulfill.

Third, fortunately, our *prima facie* duty to help the world's poor may be pursued in ways that do not undermine efforts to meet our *prima facie* environmental duties. The United States government should be much more generous and intelligent with development aid to poor countries (America ranks near the bottom among Western democracies in per capita foreign aid, and much of this comes as military aid that

³² Peter Singer, *One World: The Ethics of Globalization* (New Haven: Yale University Press, 2002).

³³ One caveat is that particularly for some Latin American countries, remittances from workers in the United States are an important source of income for immigrants' families. But these economic benefits must be weighed against the dispersal and break up of families, an important social cost. They must be weighed against the cost of enabling these countries' continued failure to create just and sustainable societies.

actually harms poor people). It should fully fund international family planning efforts, which help both nature and the poor. It should set trade policies to benefit poor workers and protect nature, rather than to maximize trade. The United States should pressure foreign governments to respect their citizens' rights, as mandated by international law. Individual Americans should support charities with effective international aid programs, such as Oxfam and the United Nations Children's Fund. We should cultivate personal and professional friendships across borders, in an effort to understand and appreciate our fellow human beings.

All these efforts, and more, may be taken up, without embracing mass immigration. Mass immigration is no substitute for such efforts. Most important, endless population growth is incompatible with creating just, sustainable, flourishing societies here in the United States and abroad. Far from undermining our policy proposal to reduce immigration into the United States, considerations of justice in fact support that proposal.

It is an interesting question which should take precedence when justice and sustainability conflict. Here we need not hazard an answer to this question, since both justice and sustainability point us toward a more restrictive U.S. immigration policy.

ENVIRONMENTAL OBJECTIONS

Environmentalists sometimes give specifically environmental reasons for supporting—or at least tolerating—high levels of immigration. One common argument says that we should focus on *consumption, not population* as the root cause of our environmental problems. “Don’t buy big suburban houses; don’t buy gas guzzlers; don’t put air conditioners in those houses and cars. Americans’ high level of consumption is the problem—not our population.”

This argument is appealing because it seems to put the responsibility for change where it belongs: not on poor immigrants but on average Americans, who do consume too much and who could consume less without harming their quality of life. But as we have seen, it is Americans’ *overall* consumption that determines our environmental impact. Overall consumption equals per capita consumption multiplied by population. So if high consumption is a problem, population growth must be, too.

In a variation on this theme, immigrant advocates sometimes assert that immigrants (or perhaps “recent immigrants,” or “*most* recent immigrants”) consume less than the average American. One problem with this argument is that there are apparently no good figures comparing immigrants’ and native-born Americans’ consumption patterns. But the main problem is that it focuses on a moment in time, rather than thinking through the long-term effects of population growth.

Immigrants’ lower consumption levels, if they exist, are presumably a function of their relative poverty. But immigrants are not coming to America to live in poverty, but to achieve “the American dream” and pass greater opportunities on to their children and grandchildren. Two million more immigrants this year may

mean ten million more Americans one hundred years from now—and if history is any guide, those ten million Americans will live pretty much like other Americans. The descendants of last century's Jewish and Italian immigrants do not seem to consume less than the average American today; there is no reason to think that the descendants of today's Mexican and Chinese immigrants will consume less than the average American one hundred years from now. Bottom line: if American consumption levels are too high, the problem is only made worse by population growth.

Another argument made by many American environmentalists is that overpopulation is important, but that it is a *global, not national* issue that can only be solved through international action. The world's population increased by seventy-six million people in 2006 and ninety-five percent of that increase occurred in the developing world. Rather than cutting immigration to keep our own population from growing, they argue, we should fund family planning overseas. We should provide more foreign aid, and redirect trade and other government policies to help the poor, so fewer of them will feel compelled to leave their countries in order to live decent lives. If we do these things, we will act humanely and help both poor people and the environment.

Before analyzing this argument, we should pause for a moment to appreciate its oddity. No one argues that “deforestation is a global problem; therefore, we shouldn't worry about deforestation in our own country, or on the local landscape.” Or “species loss is a global problem, therefore we should fund species protection efforts elsewhere, *to the exclusion* of efforts where we live.” Those who care about deforestation or species extinction often work especially hard to prevent them in the places they know best, and are applauded for doing so. Besides, “global” efforts to halt deforestation and species loss are largely a summing up of local and national efforts focused on particular forests and species. This is how environmentalism works, when it works. Advocates for an exclusively global approach to overpopulation owe us explanations for why this one issue *should* play out differently and how it *could* play out differently, while still leading to environmentally acceptable results. But no such arguments are forthcoming, and none seem remotely plausible.

Comforting as it is, the “globalist” argument fails, partly because it mischaracterizes overpopulation, which in fact can occur at various scales. It makes sense to say that “the world is overpopulated; we do not know whether essential global ecosystem services can be sustained at these numbers over the long haul.” But it also makes sense to say that “Tokyo is overpopulated; its sidewalks, streets, and trains are so crowded that there is no room to move.” Or “Nigeria is overpopulated; its population is so large and is growing so fast that it has trouble providing jobs for its young adults, or building sufficient water and sewer facilities for its cities.” Just as Tokyo's citizens may try to alleviate local air pollution and Nigeria's citizens may try to protect their remnant forests, so they may try to address local or national overpopulation. After all, they will have to live directly with their failure to do so and they cannot wait for the world to solve all its problems before they act to solve their own.

Returning to the United States, a strong case can be made that we are overpopulated right now. Signs of stressed ecosystems and lost biodiversity abound. Certainly we have not yet found a way to bring air and water pollution within limits acceptable to human health, nor have we stemmed the loss of productive farmlands and wildlife habitat, nor have we recovered more than a handful of the hundreds of species we have endangered. As we have seen when considering global warming, a large and growing population also makes it much harder for Americans to live up to our environmental responsibilities as global citizens.

Let us be clear: advocates for international action are correct that wealthy countries should help poor countries stabilize their populations. However, “think globally, don’t act locally” is terrible advice. It is possible and *necessary* to work on multiple levels at once. We can make more generous contributions to the United Nations Population Fund *and* cut back on national immigration levels *and* limit local building permits. Efforts at one level and in one place can only strengthen efforts at other levels and in other places. Meanwhile, population growth is a problem in America right now. If you live in the United States, the chances are good that your community is threatened by environmentally damaging development that is being caused (or justified, in the planning stages) by population growth.

But why should this population growth matter? Because, finally, some environmentalists argue that immigration *just moves people around*, so it is (or may be) environmentally neutral. As one reader of an earlier version of this paper commented, “Efforts to reduce overpopulation in New York or the United States do not help alleviate overpopulation worldwide, because people who aren’t let in have to go someplace else.” Added another reader, “Ecological damage may be worse if people remain in their home countries rather than immigrating to the U.S. Immigration restrictions seem to privilege the USA’s wild places over other, perhaps more biodiverse, places around the world.”

Although one of us has spent time overseas working to protect endangered species, we plead guilty to a special concern for America’s wildlife and wildlands. But we don’t apologize for it. Environmentalism necessarily involves love, connection and efforts to protect particular places. Environmental philosophers should think long and hard before advocating anything that weakens this “local focus,” because a passionate connection to places that are “near and dear” to us is how environmentalism works, in Boston or Beijing. Thinking locally doesn’t involve believing American (or Chinese) landscapes are more valuable than others. It involves acting *as if* they are the most important landscapes in the world and using our most accessible political levers to protect them. Although questions about the justice of moral particularism are vexed, we believe that a large degree of “environmental particularism” is justified, on both ethical and pragmatic grounds.

However, cosmopolitan ethical universalists who reject our parochialism should still support our proposal to reduce immigration into the United States, since doing so would also benefit the rest of the world. They should do so because moving people to America, far from being environmentally neutral, increases overall global resource consumption and pollution. This increase in consumption in turn threat-

ens to weaken the already stressed global ecosystem services that we all depend upon—with the world’s poorest people facing the greatest danger from possible ecological failures.

Consider a table comparing the average U.S. “ecological footprint” with averages from our ten largest immigration “source” countries. On average, immigrating from

Source Country	% of U.S. immigrant population (in 2000)	Crop and Grazing Land Footprint	Forest Use Footprint	Carbon Footprint	Built-Up Land Footprint	Total Ecological Footprint
United States	—	1.44	1.24	5.66	0.47	9.6
Mexico	29.8	1.03	0.19	1.18	0.06	2.6
China/Taiwan/Hong Kong	4.5	0.52	0.12	0.75	0.07	1.6
Phillippines	4.4	0.36	0.07	0.22	0.05	1.1
India	4.0	0.34	0.08	0.26	0.04	0.8
Cuba	2.8	0.73	0.09	0.62	0.05	1.5
El Salvador	2.7	0.50	0.24	0.46	0.04	1.4
Vietnam	2.5	0.33	0.10	0.28	0.08	0.9
Korea	2.3	0.52	0.36	1.96	0.05	4.1
Canada	2.2	1.54	1.16	4.08	0.18	7.6
Dominican Rep.	2.0	0.56	0.08	0.57	0.05	1.6

Table 2. Average Ecological Footprint of Citizens of the USA and Ten Largest Source Countries, 2003, in Global Hectares per Person. Demographic information from Steven Camarota, “Immigrants in the United States—2002: a Snapshot of America’s Foreign-born Population,” Center for Immigration Studies, Washington, D.C., 2002. Footprint calculations from Global Footprint Network, “National Footprints” (<http://www.footprintnetwork.org>) (Note that several more categories, not shown here, are included in calculating “total ecological footprint,” so rows do not add up.)

nine of these ten countries greatly increases an individual’s ecological footprint—and the ecological footprints of his or her descendants—by 100 percent to 1,000 percent or more. In the case of Mexico, which accounts for nearly a third of all immigration into America, immigration increases individuals’ consumption and pollution approximately 350 percent.³⁴ There probably are cases where immigrants consume more but do less ecological damage than they would have had they remained in their countries of origin (slash-and-burn agriculturalists inhabiting biologically rich forests?), but clearly these are the exceptions. More Americans is bad news for America’s native flora and fauna. But given global warming, it is also bad news for poor people living in the Sahel or in the Bhrmaputra Delta.

³⁴ Recent evidence also suggests that immigration leads to increased family size: 3.5 children for recent Mexican immigrants in the United States, compared to 2.4 children for women remaining in Mexico. Steven Camarota, “Birth Rates Among Immigrants in America: Comparing Fertility in the U.S. and Home Countries,” Center for Immigration Studies, Washington, D.C., 2005.

Now, if emigration helped America's source countries get their own demographic houses in order, or opened up an ecological space that they used to create more sustainable or just societies, a case might be made for continuing to allow mass immigration into the U.S. Instead, America's permissive immigration policies appear to enable demographic and ecological irresponsibility and continuing social injustice. As an example, consider Guatemala, where currently about ten percent of the adult population lives and works in the U.S., and a recent poll showed that *most* young Guatemalans hope to do so in the future. Guatemalan women's total fertility rate averaged 4.6 children in 2005, for an annual growth rate of 2.4 percent per year.³⁵ The Guatemalan government outlaws abortion (except when a mother's life is at risk) and does little to encourage contraception. Guatemala has high deforestation rates and an unjust, highly inequitable distribution of wealth. But there is little effort to change any of this, perhaps because the negative effects of local overpopulation are lessened through immigration and counterbalanced, for many individuals, by the positive incentives of having more remittances from family members in the United States.

Americans should do what we can to help other countries move toward sustainability, whether that means increasing funds for green development projects, or shutting off the "safety valve" which allows political elites to postpone necessary reforms. But we believe that our primary responsibility is to create a sustainable society in the United States. Not just because our local environmental duties are important. Not just because this is the main way we may further our responsibilities as global citizens. Perhaps most significant would be the powerful example of the world's wealthiest nation—the land of "The Apprentice" and "Who Wants to Be a Millionaire?"—rejecting the path of endless growth and embracing sustainability. Limiting immigration into the United States and stabilizing our population would send a powerful message around the world that the time to create just, sustainable societies is now.

ECONOMIC OBJECTIONS

We have now reached a final class of objections to our proposal: economic objections. Many pro-business proponents praise mass immigration above all for increasing economic growth. Immigration brings in poor unskilled workers willing to work physically demanding jobs for less money than native-born Americans, and highly-trained professionals with the specialized skills needed by high-tech companies. It thus helps businesses meet their needs and grow. Immigration creates more domestic consumers; as Tamar Jacoby of the American Enterprise Institute puts it, "Foreign workers emerging at the end of the day from the meatpacking

³⁵ United Nations Population Division, UN Department of Economic and Social Affairs, "National Trends in Population, Resources, Environment and Development 2005" (<http://www.un.org/esa/population/publications/countryprofile/index.htm>).

plant or the carpet factory buy groceries and shoes for their children; on Saturday, they buy washing machines and then hire plumbers to install them." Immigration also reduces the cost of many goods and services, and this too increases overall consumption. In all these ways, immigration results in "a bigger, more productive economy."³⁶ It is for this reason that the *Wall Street Journal*, the U.S. Chamber of Commerce, and other important business organs strongly support mass immigration (and in the case of the *Journal*, "open borders").

On the other hand, focusing on whether mass immigration is "good for the economy" ignores the fact that any immigration policy creates economic winners and losers. According to Harvard economist George Borjas, "Immigration induces a substantial redistribution of wealth, away from workers who compete with immigrants and toward employers and other users of immigrant services."³⁷ It does so because compared to other industrialized nations, the U.S. imports a much higher percentage of less-educated, lower-skilled workers; Borjas notes that "between 1980 and 1995, immigration increased the number of high school dropouts by 21 percent and the number of high school graduates by only 4 percent." During this same period, the wage disparity between these two groups increased 11 percent, with perhaps half of that disparity a result of mass immigration.³⁸ Borjas calculates that between 1980 and 2000, immigration reduced the average annual earnings of high school dropouts by 7.4 percent, or \$1,800 on an average salary of \$25,000.³⁹ For these workers, who could least afford it, real wages actually declined during this period.

While the economic effects of immigration are complex and the details are open to debate, it appears that over the past few decades high immigration levels have contributed to increased economic growth, lower wages for the poorest Americans, and an increase in economic inequality in the United States. Continued high levels of immigration will likely further these trends. Far from strengthening the case for continued mass immigration, these effects provide three additional reasons to oppose it.

First, an immigration policy which benefits rich citizens (who hire immigrants) at the expense of poor citizens (who compete with them) seems *prima facie* unjust.⁴⁰ If Americans want to help poor foreigners, we should not do so on the backs of our own poor citizens. (Liberal proponents of mass immigration are as loath to accept its effects on workers' wages as they are to accept its demographic and environmental effects. But this is willed ignorance. After all, trade groups representing landscapers

³⁶ Tamar Jacoby, "Immigration Nation," *Foreign Affairs* 85 (November/December 2006): 55.

³⁷ Borjas, *Heaven's Door*, p. 13.

³⁸ *Ibid.*, p. 11.

³⁹ George Borjas, "Increasing the Supply of Labor Through Immigration: Measuring the Impact on Native-Born Workers," Center for Immigration Studies, Washington, D.C., 2004, p. 6.

⁴⁰ Stephen Macedo, "The Moral Dilemma of U.S. Immigration Policy: Open Borders vs. Social Justice?" in Carol Swain, ed., *Debating Immigration* (Cambridge: Cambridge University Press, 2007).

and restaurant owners lobby for increased immigration precisely *because* it allows their members to hire workers for less money.)

Second, accepting greater economic inequality in exchange for greater overall wealth seems a foolish trade-off for Americans today. We are already wealthy enough to provide for our real needs and reasonable desires. Further wealth when combined with greater inequality is a recipe for frustration, envy, and social tension.

Third, mass immigration's contribution to economic growth, far from being a net good, gives environmentalists their most important reason to oppose it. Human economic activity is the primary driver of ecological degradation. Future generations are going to have to reject the paradigm of an ever-growing economy and instead develop a sustainable economy which respects ecological limits.⁴¹ The sooner we get cracking on this, the better. Here in the United States, economic and demographic "growthism" are intimately intertwined—yet another reason why American environmentalists cannot ignore domestic population issues.

We contend, then, that economic considerations also support our immigration policy proposal—on a proper understanding of "economy." Eighty-five years ago, in a talk to the Albuquerque Chamber of Commerce (which he once headed!), Aldo Leopold asked: "What, concretely, is our ambition as a city? '100,000 by 1930'—we have blazoned it forth like an army with banners. . . . Can anyone deny that the vast fund of time, brains and money now devoted to making our city big would actually make it better if diverted to betterment instead of bigness?" Civic-mindedness *may* be a force for good, Leopold added, but went on to ask his "boosters," somewhat plaintively: "Is it too much to hope that this force, harnessed to a finer ideal, may some day accomplish good as well as big things? That our future standard of civic values may even exclude quantity, obtained at the expense of quality, as not worth while?"⁴²

No, this is not too much to hope. Without such a society-wide "revaluation of economic values," environmentalism will not succeed. We must redefine "the good life" in less materialistic terms and create economies designed to sustain a finite number of such good lives—not to grow indefinitely. These are daunting tasks, but they are not optional for serious environmentalists and environmental philosophers. In America, where we habitually mistake bigness for goodness and quantity for quality, these tasks are even more urgent. As Leopold understood, population growth is an important part of the overall picture.

⁴¹ Herman Daly, *Beyond Growth: The Economics of Sustainable Development* (Boston: Beacon Press, 1996); Brian Czech, "Economic growth as a limiting factor for wildlife conservation," *Wildlife Society Bulletin* 28 (2000): 4–15.

⁴² Aldo Leopold, "A Criticism of the Booster Spirit," in Leopold, *The River of the Mother of God and Other Essays* (Madison: University of Wisconsin Press, 1991), pp. 99–100, 105. Leopold also addresses population issues in his lecture "Ecology and Politics" in the same volume (pp. 281–86).

CONCLUSION

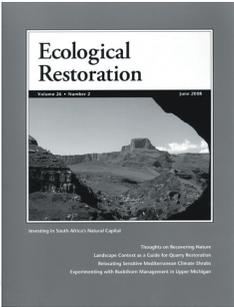
We have presented our reasons for limiting immigration into the United States and responded to the most common and consequential objections to our proposal. In the end, we return to our primary argument. Immigration is now the main driver of American population growth. Continued American population growth is incompatible with sustainability, nationally or globally. Therefore, environmentalists and environmental philosophers committed to sustainability should support reducing current high levels of U.S. immigration. Not just on pain of contradiction, but on pain of failure.

We must choose between sustainability and continued population growth. We cannot have both.

The Original Restoration Publication

Ecological Restoration

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Ecological Restoration is the leading publication for people throughout the world who are committed to restoring the diversity of the Earth's ecosystems. *Ecological Restoration* is a highly respected interdisciplinary forum with contributions from ecologists, historians, managers of natural areas and preserves, artists, landscape architects, social scientists, and volunteers.

"Ecological Restoration was instrumental in awakening restoration in North America, and prospers as an invaluable publication for those whose approach to restoring ecosystems includes ecology, culture and all that goes into making a project successful."

—Eric Higgs, author of "Nature By Design"

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