"No net loss" of wetlands, a national policy goal supported in both Bush and Clinton administrations, requires that we minimize wetland conversion and restore wetlands to compensate for unavoidable losses. The United States appears to be approaching "no net loss" of wetland acreage in the 1990s. However, sustaining the "no net loss" goal will be difficult unless programs to conserve wetlands remain in place, greater efforts toward wetland restoration are undertaken, or both.

**Agriculture’s changing role in wetland losses**

Although most people now accept that wetlands provide valuable environmental benefits, from the earliest colonial times wetlands were converted to other uses, altering and degrading wetland functions. When the settlers arrived, almost 224 million acres of wetlands were located in the continental United States, mostly in the Midwest, the Southeast, and the Delta and Gulf States (figure 1).

By 1992, nearly half of the original wetlands had been converted to other uses (figure 2). Most wetland conversions in the nineteenth and early twentieth centuries were for agricultural purposes. Changes in wetland policy cut the rate of net wetland conversion over time, from more than 800 thousand acres per year between settlement and 1954 to less than 80 thousand acres per year in 1982–92. Agriculture’s share of gross conversion dropped from more than 80 percent in 1954–74 to 20 percent in 1982–92 (figure 3). Although we are still losing wetlands in the United States, we are losing them more slowly.

**Wetland restoration has increased**

While wetland conversion is lower than ever, since 1990 previously drained wetlands are also being restored by federal, state, and private programs. Restoration activity in 1992–96 under the Clean Water Act’s Section 404 and mitigation banking activities, Fish and Wildlife Service programs, and USDA’s Wetland Reserve Programs rose to an average of almost 110,000 acres per year, not counting private restoration efforts (figure 4). Given a continuing gross loss of about 157,000 acres per year (based on 1982–92 trends), it appears that the United States is now within 47,000 acres per year of achieving "no net loss" of wetland acreage.

**Sustaining “no net loss”**

Even if we achieve "no net loss" in wetland acreage in a given year, can it be sustained? Challenges to Section 404 regulation and the Swampbuster program in 1995 and 1996, uncertainty about the future of federal farm policy, and continuing budget constraints bring into question how sustainable "no net loss" would be if conservation and restoration programs were substantially weakened.

The payments authorized by the 1996 FAIR Act are scheduled to expire after the 2002 season. Although Swampbuster remains intact under the act, an eventual end to farm program payments could render Swampbuster meaningless for lack of an effective sanction. At high commodity prices (such as occurred in 1996), ERS simulations show that an estimated 5.8 to 13.2 million acres of wetlands now protected under the Swampbuster provisions could be profitably converted to agricultural production. Increased production on these acres would reduce prices and depress U.S. farm income by 2.5 to 5 percent, mainly in areas with no wetlands to convert.

If Congress decides to compensate wetland owners for Swampbuster and Section 404 regulation, it will be costly. Compensating owners of all existing wetlands at the average wetlands market value of $1,459 per acre would cost $162.6 billion. Compensating only those owners whose wetlands are actually in danger of conversion would cost from $61.1 billion to $89.3 billion. Compensating only owners of land that is profitable to convert to agriculture would cost $29.2 billion.
For more information
