

going down that path," he says.

If the committee recommends that embryos should be afforded the same legal protection as adults, for example, researchers might not be able to use them in research that does not benefit the embryos. This could prevent researchers from using embryos left over from *in vitro* fertilization as sources of human embryonic stem cells.

Such a move would have implications for federally funded biomedical research, as the HHS has jurisdiction over the National Institutes of Health. It also oversees the Food and Drug Administration (FDA), and so can influence companies hoping to use research results to gain FDA approval for new drugs and therapies.

HHS spokesman Bill Hall denies that the change to the committee's remit is a political move, saying that it is directed at women who participate in studies, and not at scientists who do basic research. "It is incumbent on researchers to fully inform women who might be pregnant or might be planning to become pregnant about the risks of whatever study they're thinking about participating in," Hall says.

But some observers say that no matter what the intentions behind the change are, the move is still alarming for scientists and many other groups, such as those who wish to keep abortion legal. "It's a dangerous precedent to characterize a cluster of cells as a human subject," says Kevin Wilson, director of public policy for the American Society for Cell Biology. ■

## Developing countries to gain from carbon-trading fund

**Natasha McDowell**

Rural communities in the world's poorest nations will be able to earn income by using their forests and agricultural land to sequester carbon dioxide, under a plan announced this week by the World Bank.

The BioCarbon Fund, launched on 5 November, will allow companies and public-sector organizations in the developed world to offset some of their carbon emissions by investing in projects in the developing world, such as tree-planting schemes, which absorb carbon from the atmosphere. Investors will earn credits that can be used to meet regulatory requirements or voluntary pledges to cut greenhouse-gas emissions.

The World Bank, which has set a target of US\$100 million for the fund, will control how the money is spent. It says that the fund will be supported by the private and public sectors. Fourteen businesses, ranging from power utilities to insurance companies, have already indicated an interest.

Ian Noble, a World Bank official who is chief adviser to the fund, says that investment will be made according to three criteria: cutting greenhouse-gas emissions, benefiting the environment by promoting biodiversity, and reducing poverty by encouraging sustainable development. One project already submitted for consideration involves planting a buffer of native trees around a Ugandan conservation area that has been encroached upon by local people. Locals will also be able



The White Nile flowing through Uganda, one of the nations that may benefit from the new plan.

to collect non-timber products from this buffer area.

Action groups have long advocated the use of carbon trading for social benefits. Last month, for example, the Centre for International Forestry Research in Bogor, Indonesia, and Forest Trends, a think-tank based in Washington DC, released a report showing that small-scale forestry projects integrated with rural agriculture can provide a cheap and comparatively low-risk way for poorer nations to generate carbon credits.

The BioCarbon Fund has earned further praise by including projects that are not covered by the Kyoto Protocol, the international agreement on limiting greenhouse-gas emissions. Conserving or restoring existing forest cannot be used to earn credits under the protocol, for example. But such projects will be covered by the new fund. ■

## Academies back Smithsonian's calls for direct funds

**Kendall Powell, Washington**

Smithsonian Institution researchers breathed a collective sigh of relief last week, although their troubles may be far from over. Two reports released on 31 October state that the institution provides world-class science, and should continue to receive federal funding. But the future structure and funding of the Smithsonian depend on the outcome of a third report, expected in January.

The institution's research centres have been under a cloud for two years. Critics, including the White House Office of Management and Budget, suggested that Smithsonian scientists should compete for their funding rather than get it directly from government. Two of the centres were also threatened with closure, and a major reorganization seemed likely.

But last week's reports from the National Research Council, which is part of the

National Academies, and the independent National Academy of Public Administration (NAPA), will help to lift the gloom. The studies, which were commissioned by the Office of Management and Budget, say that removing direct funding could harm or even end top-notch research programmes.



Building on success: two reports say that the Smithsonian delivers world-class science.

"It's a great thing to have outside organizations recognize the contributions we make," says Paula DePriest, associate botany curator at the Smithsonian's National Museum of Natural History in Washington DC. "We're going to see an increase in the morale of scientists here."

According to the reports, the federal funding — \$111 million in 2002 — supports core functions such as researcher salaries and facility maintenance. Competitive grants and contracts already support the main thrust of research projects, and totalled \$98 million in 2001, according to the NAPA study.

The Smithsonian's researchers are hopeful that the reports will bolster their cause, but they still face an anxious wait. The institution's own Science Commission, which it set up to advise it on setting research priorities for the future, will deliver its final report in early January. ■