



Integrated Safeguards Data Sheet (Initial)

Date ISDS Prepared/Updated: 02/24/2003

Section I - Basic Information

A. Basic Project Data

Country: BRAZIL	Project ID: P068730
Project: RF Support of Scientific Research for the Amazon II	Task Team Leader: Judith M. Lisansky
Authorized to Appraise Date: April 30, 2003	IBRD Amount (\$m):
Bank Approval: June 28, 2002	IDA Amount (\$m): Rain Forest (\$m): 0.60
Managing Unit: LCSRF	Sector: General agriculture; fishing and forestry sector (100%) Theme: Biodiversity (P); Other environment and natural resources management (P); Civic engagement; participation and community driven development (S)
Status: Lending	

I.A.2. Project Objectives:

1a. Project background

Although tropical rain forests contain most of the earth's biodiversity, and perform a range of important environmental services, such as carbon sequestration to offset the effects of global climate change, they remain one of the least understood ecosystems in the world. This is especially relevant in the case of the Brazilian Amazon, which contains the largest extent of tropical rain forest in the world.

Brazil has a long tradition of supporting research into science and technology, but, until relatively recently, its investments for environmental research in the Amazon have represented only a small fraction of total S&T funding. Furthermore, cutbacks in national S&T funding during the 1980s and early 1990s further restricted the availability of resources to support research on environmental issues in the Amazon. This situation improved somewhat in recent years with the advent of a number of national and international initiatives designed to address some of the limitations affecting research in the Amazon. One such initiative was supported through the Pilot Program to Conserve the Brazilian Rain Forest, a joint undertaking of the Brazilian government, Brazil's civil society and the international community that seeks to find ways to conserve the tropical rain forests of the Amazon and Brazil's Atlantic coast.

Under the Pilot Program's Science and Technology Subprogram, two interrelated projects were initiated in 1995 to promote the generation and dissemination of scientific knowledge relevant to conservation and sustainable management of the Amazon by supporting competitive grants for directed research, and strengthening two

established regional research institutions. By the time the projects closed in June 1999 and December 1999, respectively, the Emergency Assistance and Science Centers and Directed Research Phase I Projects had provided total funding in the amount of about US\$27 million (US\$17.43 million equivalent in grants from RFT, USAID, EU and DfID, and US\$9.23 million equivalent from GoB) to support 23 directed research projects, as well as significant infrastructural improvements and institutional strengthening of the two regional research centers, the Emílio Goeldi Museum of Pará (MPEG) and the National Institute for Amazonian Research (INPA). An additional ECU 5 million was provided by the EU bilaterally in 1998 through the Pilot Program to fund a second round of directed research projects. USAID has also indicated that it intends to provide some US\$6 million to support a follow-on operation to continue strategic support for strengthening scientific research on targeted environmental topics, the proposed second phase science project, which is the subject of this PCD.

In addition, the Brazilian government is currently leading a large international multidisciplinary research initiative which seeks to understand how the Amazon functions as a regional entity, and how changes in land use and climate affect the biological, chemical, and physical functions of the Amazon, including the sustainability of development in the region and the influence of the Amazon on the global climate. The “Large-Scale Biosphere-Atmosphere Experiment in Amazonia (LBA)” is being funded by the US National Aeronautics and Space Agency (NASA), the EU and the Government of Brazil.

The proposed second phase project under the Pilot Program Science and Technology subprogram is being designed to build on the lessons learned from the Phase I projects, as well as other related projects in the region. The Phase II project is also being designed with an eye to recent developments in Brazil’s S&T strategy, which is providing for more long-term, sustained national support for S&T activities, with special provisions to guarantee support for infrastructure and research in the Amazon. Thus, the primary emphasis of the proposed project will be on sharpening the focus of regional research in the Amazon and disseminating results for the benefit of a broad range of end users.

1b. Project development objective

The development objective of the proposed project is to promote and disseminate targeted and coordinated scientific and technological research on key questions contributing to the conservation and sustainable development of the Amazon region.

To accomplish this objective, the project would support (i) targeted research subprojects on selected priority questions; (ii) the selection and use of innovative dissemination methods to augment the applicability and transfer of scientific and technical knowledge to conservation and sustainable development end users in the Amazon; and (iii) the development and use of an effective and efficient model of project and subproject coordination and management, including an improved system of monitoring and evaluation of project outcomes and impacts.

I.A.3. Project Description:

Components:

1. Support for Targeted Research Subprojects
2. Dissemination of Information and Results
3. Project Management and Monitoring and Evaluation

I.A.4. Project Location: (Geographic location, information about the key environmental and social characteristics of the area and population likely to be affected, and proximity to any protected areas, or sites or critical natural habitats, or any other culturally or socially sensitive areas.)

Brazilian Amazon Region.

B. Check Environmental Classification: C (Not Required)

Comments:

The project retains a "C" for environmental assessment purposes. It is not expected to produce any negative environmental effects.

In terms of general environmental impacts, the proposed project is expected to increase capacity in the environmental sciences in the Amazon and in Brazil, and improve the technological knowledge needed to utilize sustainably the resources from the rain forest.

Key stakeholders include the national and regional science and technology community, the PPG7, national and international NGOs, grass-roots based organizations, and local end users.

C. Safeguard Policies Triggered

Policy	Applicability
Environmental Assessment (OP/BP/GP 4.01)	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD
Natural Habitats (OP/BP/GP 4.04)	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD
Forestry (OP/GP 4.36)	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD
Pest Management (OP 4.09)	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD
Cultural Property (OPN 11.03)	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD
Indigenous Peoples (OD 4.20)	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD
Involuntary Resettlement (OP/BP 4.12)	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD
Safety of Dams (OP/BP 4.37)	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD
Projects in International Waterways (OP/BP/GP 7.50)	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD
Projects in Disputed Areas (OP/BP/GP 7.60)*	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> TBD

*By supporting the proposed project, the Bank does not intend to prejudice the final determination of the parties' claims on the disputed areas

Section II - Key Safeguard Issues and Their Management

D. Summary of Key Safeguard Issues. Please fill in all relevant questions. If information is not available, describe steps to be taken to obtain necessary data.

II.D.1a. Describe any safeguard issues and impacts associated with the proposed project. Identify and describe any potential large scale, significant and/or irreversible impacts.

N/A

II.D.1b. Describe any potential cumulative impacts due to application of more than one safeguard policy or due to multiple project component.

N/A

II.D.1c Describe any potential long term impacts due to anticipated future activities in the project area.

N/A

II.D.2. In light of 1, describe the proposed treatment of alternatives (if required)

N/A

II.D.3. Describe arrangement for the borrower to address safeguard issues

N/A

N/A

II.D.4. Identify the key stakeholders and describe the mechanisms for consultation and disclosure on safeguard policies, with an emphasis on potentially affected people.

As noted above, a participatory process will be carried out during project preparation to consult with a range of project stakeholders, including research scientists and technicians both within and outside of the Amazon region, universities and other research entities, government and donor managers of Pilot Program initiatives, national and international environmental NGOs, and local communities and grass-roots based organizations. The purpose of these consultations will be to contribute to the selection of two or three priority research areas for project coverage, and help define precise research questions within each area. In this way, it is expected that key concerns of local populations, as well as priority research issues of the Pilot Program, will be adequately addressed by the project.

Stakeholder participation during implementation will range from involvement of scientists as researchers and technicians in the working groups and networks chosen to carry out the targeted research, to participation of representative stakeholders, including NGO and local community representatives, on advisory panels overseeing project implementation, dissemination of results, and monitoring and evaluation activities.

E. Safeguards Classification. Category is determined by the highest impact in any policy. Or on basis of cumulative impacts from multiple safeguards. Whenever an individual safeguard policy is triggered the provisions of that policy apply.

- S1. – Significant, cumulative and/or irreversible impacts; or significant technical and institutional risks in management of one or more safeguard areas
- S2. – One or more safeguard policies are triggered, but effects are limited in their impact and are technically and institutionally manageable
- S3. – No safeguard issues
- SF. – Financial intermediary projects, social development funds, community driven development or similar projects which require a safeguard framework or programmatic approach to address safeguard issues.

F. Disclosure Requirements

<i>Environmental Assessment/Analysis/Management Plan:</i>	<i>Expected</i>	<i>Actual</i>
Date of receipt by the Bank	Not Applicable	Not Applicable

