

IDRC - LIR

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REPORT ON THE CURRENT
STATE OF IDRC/CIDA
COLLABORATION

JUNE 1988

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Over the past three years, there has been a significant increase in the level of collaboration between IDRC and CIDA. This is apparent not only from the growing number of joint projects but also from the wide-range of collaborative initiatives that have emerged at the levels of policy, program and administration. In order to grasp fully the various dimensions of the IDRC/CIDA relationship, below is an overview of the formal and informal mechanisms that exist to encourage collaboration, a review of the collaboration that has occurred in the area of projects, and a summary of the IDRC/CIDA initiatives currently under development.

1. **Formal Mechanisms to Encourage IDRC/CIDA Collaboration.**

Since the creation of IDRC, there have been formal mechanisms established to encourage linkages between IDRC and CIDA. The oldest and most visible of these mechanisms has emerged as a result of the Government's long-standing practice of appointing the President of CIDA to the IDRC Board of Governors. While the CIDA President assumes the position of "Member of the Board" in a personal capacity, the individual has always played an important role in linking the two organizations and acting as a conduit for policy dialogue.

Following a meeting in 1983 between the Presidents of IDRC and CIDA, it was decided that a more concerted effort was needed in the area of the IDRC/CIDA relationship and that a full person-year should be dedicated to the purposes of encouraging and overseeing collaboration in all areas between the two organizations. While for the past five years, the person-year for the Liaison Officer position has been provided by and reports to IDRC, the individuals who have assumed this position have had offices in both

organizations and access to all levels of decision-making in IDRC and CIDA. To ensure that the IDRC/CIDA Liaison Officer would be an effective mechanism for collaboration, the provision was made for the Officer to sit as an observer at the CIDA President's Committee which is the closest equivalent in CIDA to the IDRC Board of Governors. At the same time, the provision was also made for the Liaison Officer to sit as a member of the CIDA Projects Review Committee. The latter complements the long-standing membership of CIDA on the IDRC Projects Review Committee. This position is currently held by the Director General of the CIDA Policy Branch.

In addition to these general mechanisms for IDRC/CIDA collaboration, there are a number of formal mechanisms in specific sectors or areas. The case of agricultural research is perhaps the most well known where CIDA (which is the lead Agency in this sector for the Government) and IDRC independently hold seats at the bi-annual meetings of the Consultative Group on International Agricultural Research (CGIAR). In preparation for the CGIAR meetings, IDRC collaborates with CIDA through the Interdepartmental Committee on International Agricultural Research and through direct meetings with CIDA to ensure where possible that a complementary approach is presented at the bi-annual meetings.

Two recent developments aimed at enhancing complementary between IDRC and CIDA have been the placing of different representatives from IDRC on the Microfund Projects Selection Committees for the selection of pre-projects (projects that allow for the development of Canadian/LDC

institutional linkages that will eventually be developed into CIDA funded initiatives) and on the Project Selection Advisory Panel for the selection of projects to be approved by the Institutional Cooperation and Development Services Division of CIDA. Both committees are under the auspices of the Association of Universities and Colleges of Canada (AUCC).

2. **Informal Mechanisms to Encourage IDRC/CIDA Collaboration.**

Along with the various formal mechanisms that have been created to strengthen the links between IDRC and CIDA, a considerable number of informal mechanisms have emerged to meet the same objective. These mechanisms consist mainly of ad hoc meetings and systems that allow for the mutual exchange of information.

There have been various meetings which have either been called to address specific policy concerns related to IDRC/CIDA relations or that included IDRC in larger ODA policy related forums. The joint IDRC/CIDA President's Committee Meetings that were convened in the mid-1980s are examples of the former. At these meetings, there were detailed discussions and decisions taken on the substance and form for future IDRC/CIDA collaboration. At the same time, IDRC has been invited to participate in policy dialogues related to CIDA's initiative to improve its coordination and communications with Development Crown Corporations, Africa 2000 and the creation of the new Centre on Human Rights and Democratic Development. While these latter meetings have not dealt with specific issues concerning IDRC and CIDA, they have

provided IDRC with an opportunity to contribute to the discussions in question.

Clearly the most substantive and frequent contact between IDRC and CIDA takes place through informal program and project related meetings. Over the past year alone, there have been more than fifty such meetings in Ottawa-Hull and the field. The overwhelming majority of these meetings focus on project-related issues ranging from defining areas for collaboration in relation to respective organizational comparative advantages to finalizing Contribution Agreements. Meetings are also held around sectoral issues which bring together common sectoral groups such as the Forestry Program in IDRC and the Forestry Division in CIDA's Professional Services Branch. At the same time, there are regular meetings in the field where IDRC Regional Office staff attend CIDA Field Representative Meetings and CIDA Field Representatives attend IDRC Annual Regional Office Meetings.

With respect to the administrative level, there tend to be very few meetings outside specific discussions surrounding ODA allocations; on this subject there are infrequent interdepartment meetings and a growing number of direct meetings with CIDA staff involved in the preparation of the ODA budget.

The second aspect of the informal mechanisms to encourage IDRC/CIDA collaboration consists largely of the information exchange systems that have been developed over the past three years. Although the CIDA Policy Branch has for a number of years received through the CIDA President all policy, program and administrative documentation going

to IDRC Board of Governors, a new information exchange system has been developed to ensure that each CIDA desk in the bilateral branches receives the appropriate information on IDRC programs and projects. IDRC Project Books are now sent bi-annually to these desks which outline current and completed IDRC projects in the relevant countries.¹ At the same time, IDRC projects are also circulated to all relevant desks in CIDA by the Policy Branch in the preparation for the Director General's participation at the regular IDRC Projects Review Committee meetings.²

From CIDA, IDRC receives all policy related documents prepared for the CIDA President's Committee, project documents sent to the CIDA Projects Review Committee, Strategic Overviews and Country Program Reviews prepared by the bilateral branches and sector development issues papers prepared by Professional Services Branch. These documents are circulated to relevant IDRC staff in Ottawa and the Regional Offices for appropriate action.

3. IDRC/CIDA Collaboration on Projects.

Perhaps the most concrete manifestation of IDRC/CIDA collaboration is the vast number of joint and complementary projects that have been initiated over the years. From the information available, it is evident that since 1972, both

1 IDRC Project Identification Memorandum are now circulated in CIDA only on an ad hoc basis. This will change once the Centre completes the development of an information system for PIMs.

2 The comments provided by CIDA are now sent by the IDRC/CIDA Liaison Officer to the relevant IDRC Program Officers for their records and follow-up.

organizations have directly collaborated on more than 77 project phases. Over the same time period, there have also been numerous complementary projects: projects funded by one of the two organizations that complements a separate activity funded by the other organization.³

Projects in which IDRC and CIDA have directly collaborated take two different forms. One is co-financing where both IDRC and CIDA separately provide financial assistance to the same recipient and/or project. There are however, different types of co-financing arrangements that have emerged over the years such as when both organizations participate in a consortium of donors to support a given project as was the case in 1982 when IDRC and CIDA funded the World Health Organization's Diarrheal Disease Program. Another type of co-funding arrangement is where IDRC and CIDA agree to separately provide support to the same institution. An illustrative example of this type of co-financing is the ongoing support provided by both organizations to the International Development Office of the AUCC. A third type of co-funding arrangement is where IDRC and CIDA agreed to divide their support for a specific project along the lines of the comparative advantage of each organization. This can be illustrated through the example of the project "Small Scale Handpumps Fabrication Unit-Malaysia" where IDRC funded the research and training components and CIDA the machinery and equipment.

³ The last record available of IDRC/CIDA complementary project revealed that there were as many complementary projects as there were joint projects.

A second type of joint IDRC/CIDA project is where one of the organizations administers the money on the other's behalf. While in almost all instances, it is IDRC who administers CIDA funds, these projects emerge as a result of initiatives from both organizations. For example, in 1985 CIDA approached IDRC to undertake on its behalf a project aimed at defining priorities for agricultural research in East Africa which was part of CIDA's responsibility as a member of Cooperation for the Development of Africa (CDA). Similarly, last year IDRC approached CIDA to assist the Centre in funding a major institutional support activity with the Bharatiya Agro-Industries Foundation (BAIF) in Pune, India. There are also projects where IDRC and CIDA separately place a priority on supporting the same project as has long-been the case with the ASEAN Grains Post-Harvest Program.

In addition to the two types of joint IDRC/CIDA projects indicated above, the organizations also collaborate through complementary projects. Such projects are developed by one organization in response to an opportunity identified as a result of a first activity supported by the other organization. Complementary projects can take various forms, some of which may be: the application in a CIDA project of research results from a project supported by IDRC (i.e. IDRC Handpumps Utilization, Indonesia); an IDRC research project in an institution that has been strengthened by CIDA (i.e. Groundnut Shellers/Strippers, Khon Kaen University, Thailand); an IDRC research project in advance of a larger CIDA program (i.e. Support institutionel, Centre Ivoirien de Recherches Économique et Social, Côte d'Ivoire); and, CIDA support to take an IDRC

TABLE I
Joint IDRC/CIDA Projects

	IDRC AMOUNT	CIDA AMOUNT	NO.
Agriculture, Food and Nutrition Sciences (AFNS)	6,506,645	7,621,100	17
Information Sciences (IS)	4,642,036	4,815,410	11
Cooperative Programs (CP) ¹	2,568,461	3,476,333	16
Health Sciences (HS)	6,132,545	6,680,206	16
Social Sciences (SS)	4,347,520	5,182,382	13
Fellowships Awards (FAD)	747,300	724,372	3
TOTAL	17,959,955	18,074,300	77
ACTIVE	8,782,415	12,648,426	26
COMPLETED	9,177,540	5,425,872 ²	51

¹ The Cooperative Programs Division is now called the Earth and Engineering Sciences Division.

² The CIDA amount indicated is only an approximate figure which is lower than the actual real value.

TABLE II
Pipeline List
Joint IDRC/CIDA Projects

Agriculture Food Nutrition Sciences Division

<u>Project</u>	<u>Status</u>
1. Agriculture and Fisheries Human Resources Development Program, Latin America	Under Discussion
2. Dual Purpose Livestock Production CATIE, Costa Rica	Under Discussion
3. Agricultural Research and Development in Relationship to Sound Environmental Management, Jamaica	Under Discussion
4. Modern Biological Agriculture Village in Jianbala, China	Under Discussion
5. Design and Development of a Solar Powered Food Processing Plant for Isolated Operation in Jilin Province, China	Under Discussion
6. Forestry Program, China	Under Discussion
7. ASEAN Grains Post-Harvest Program Phase IV, Thailand	Preparation of Contribution Agreement
8. Outer Island University Project, Indonesia	Under Discussion
9. Alley Farming Network for Tropical Africa, Nigeria	Preparation at Contribution Agreement
10. On-Farm Fertilizer Evaluation and Adaption in West Africa	Under Discussion
11. Technology Transfer and Utilization, West Africa	Under Discussion
12. Rationalisation des aménagements de bas-fonds au Mali	Under Discussion

- | | |
|----------------------------------------------------------------|------------------|
| 13. International Board of Soil Research and Management, Congo | Under Discussion |
| 14. Post-Production Systems (SADCC), Phase II | Under Discussion |

Health Science Division

- | | |
|--------------------------------------------------------|---------------------------------------|
| 15. Handpump Manufacture, Indonesia, Phase III | Under Discussion |
| 16. Women and Handpump Technology, Sri Lanka, Phase II | Preparation of Contribution Agreement |

Social Sciences Division

- | | |
|----------------------------------------------------------|------------------|
| 17. Institutional Support, GRADE, Peru | Under Discussion |
| 18. Technology Transfer Initiative, ASEAN | Under Discussion |
| 19. Institutional Support, University of the Philippines | Under Discussion |
| 20. Science and Technology Planning, Malaysia | Under Discussion |
| 21. Migration in the Sahel | Under Discussion |
| 22. Network on Sectoral Incentive Policy, West Africa | Under Discussion |
| 23. Stratégie économique et financière, Tunisie | Under Discussion |

Information Sciences Division

- | | |
|----------------------------------------------------------------------------|---------------------------------------|
| 24. Technology Transfer Database Project, (Ryerson/Shanghai University) | Under Discussion |
| 25. Réseau Pédagogique EBSI/ESI/EBAD, l'Afrique de l'Ouest | Preparation of Contribution Agreement |
| 26. Centre National d'Information et de Documentation Économiques, Algérie | Contribution Agreement signed |

Earth and Engineering Sciences Division

27. Technology Adoption, Small and Medium
Size Enterprises, Malaysia Under Discussion

28. Snow and Ice, Pakistan Under Discussion

Fellowships and Awards Division

29. Consortium Graduate School, UWI Under Discussion

pilot project to a larger scale applied research or application stage (i.e. Introduction of Dehulling Equipment, Zimbabwe).

Although it is difficult to provide an exact accounting of IDRC/CIDA complementary projects (given that most of these projects are not recorded), it is possible to provide such an accounting for joint projects as illustrated in Table I. (For a full description of IDRC/CIDA joint projects, see Annex).

From the information available, it is clear that over the past five years there has been a significant increase in the level of project collaboration between IDRC and CIDA. Indeed, since 1983, there have been more joint projects than during the entire period since the creation of IDRC. This trend will undoubtedly continue as CIDA moves to decentralize its operations to the field and the level of contact between IDRC and CIDA field staff continues to increase. An indication of possible future joint IDRC/CIDA projects and their current status is presented in Table II.

4. IDRC/CIDA Initiatives Currently Under Development.

There are a series of policy, program and administrative initiatives underway involving discussions between IDRC and CIDA that fall outside the project domain. These initiatives are described below:

A) Agricultural Research

The issue of CIDA support to agricultural research has in recent years become a major subject of policy debate between the two organizations. Throughout the 1970s, there had been an agreement between IDRC and CIDA on agricultural research which stated that CIDA funding in this area would be limited to providing core support to the CGIAR and IDRC funding would be restricted to specific agricultural research projects. However, beginning in the early 1980s, CIDA began to provide funding for Special Projects developed by the International Agricultural Research Centres (IARCs). Indeed, by 1988 CIDA had committed more than \$47 million to support projects of this nature. From CIDA's perspective, these projects were not outside the Agency's mandate and are necessary given the special needs of Africa which is the regional focus for most of their agricultural research activities. IDRC has taken the position that both organizations can play an important role in the area of agricultural research but that IDRC and CIDA support should be complementary, and in line with each organizations comparative advantage.

To address IDRC's concerns, the then CIDA Senior Vice-President agreed to issue a policy guideline to CIDA President Committee members requiring that all research projects developed by CIDA be vetted by IDRC prior to approval by the CIDA Projects Review Committee. While this new provision was viewed by IDRC as a step forward, it was felt that substantive discussion were necessary between professional staff from

both organizations. Discussions between IDRC's Agricultural Food Nutrition Sciences Division and CIDA's two African and Professional Services Branches on support for agricultural research have now been underway for more than one year, and may reach a conclusion this fall when CIDA's Professional Services Branch presents a policy paper on the subject to the CIDA President's Committee.

B) Review of Development Assistance Priorities in Asia.

The question of where Canadian development assistance should concentrate its efforts in Asia is currently of critical importance to CIDA. Economic development and the role of Japanese aid have among other factors, prompted CIDA to reassess its current strategy in the region. Given IDRC's experience in the field and linkages with research institutions in the region, it was felt that the Centre could make an important contribution to discussions surrounding this strategic question. The CIDA Vice-President for the Asia Branch and the IDRC Vice-President for Program have recently agreed to convene a joint IDRC/CIDA seminar to discuss development assistance priorities in Asia.

C) Human Resource Development

For the past year and a half, IDRC's Fellowships and Awards Division and CIDA's Social and Human Resource Development Division have been participating in a series of joint Human Resource Development (HRD)

planning initiatives. These initiatives have included joint meetings to review and contribute to one another's HDR strategies, a joint study on "Donor Activities in Human Resource Development of Third World Countries" and regular meetings to discuss IDRC and CIDA project related issues. At the same time, it is worth noting that the IDRC supported study on HRD and Canadian capacity to respond to LDC HRD needs has been of critical importance to CIDA in developing an agency-wide HRD strategy.

D) Communications

With CIDA Public Affairs Branch's new mandate to develop a strategy for public information and awareness about development and the arrival of a new Director in IDRC's Communications Division, there has been growing collaboration in the communications field. Currently, IDRC and CIDA are discussing possible joint media initiatives such as in the area of film production and sharing public opinion polling data.

E) Decentralization and the Need for New Mechanisms for Collaboration.

As a result of the Government's decision to decentralize a significant portion of CIDA's operations to various Posts and IDRC's decision to continue locating program positions in Regional Offices, there will be an increasing presence of IDRC and CIDA staff in the field. This development will necessitate the creation of new mechanisms outside the Ottawa-Hull area to

ensure program complementarity and the prevention of overlapping program activities. Over the past year, studies have been undertaken in Southeast Asia, West Africa and the Middle East involving both IDRC and CIDA staff to determine appropriate mechanisms for collaboration in the field. Examples of mechanisms that are being considered in the region of Southeast Asia include the development of a field-based information exchange system, joint planning and project selection, the creation of a small projects fund to encourage collaborative activities and the identification of a focal point or individual to oversee collaboration in the region. Similar studies are planned for the regions of Latin America and, East and Southern Africa.

F) Guides to IDRC/CIDA Collaboration

One of the greatest impediments that has been identified for IDRC/CIDA collaboration, is the absence in each organization of knowledge about the other's mandate, organization and program of work. At the same time, there is limited information available on what types of collaboration are possible and how to develop joint activities. To address this problem, the CIDA Asia Branch with the assistance of IDRC, has developed a document outlining points that should be considered when collaborating with IDRC. This document has been accepted by the other CIDA bilateral branches and will be adapted to meet their needs. IDRC will supplement this document with a general guide to IDRC which is currently being published by AUCC.

With respect to IDRC, the Centre has recently hired a consultant to prepare six reports that will provide a guide for Regional Directors and IDRC Program Officers on where collaboration is possible with CIDA in each region, how collaboration should be initiated and points for consideration in developing joint IDRC/CIDA projects. The Regional Guides to Collaboration with CIDA will include: an indication of CIDA priority countries in the region; a summary of the main program strategies, directions and sectors of concentration in priority countries; an indication of the available funding channels and respective resource allocations; the location and description of the program management; the types of collaboration possible with CIDA; and, an indication of how to develop collaborative projects with CIDA.

G) Staff Exchange Program

IDRC and CIDA have followed-up on the recommendation from the Report of the Standing Committee on External Affairs and International Trade on "Canada's Official Development Assistance Policies and Programs", that a staff exchange program be developed. Over the past four months, discussions have been underway on this subject between the Director of the IDRC Human Resources Division and the Director General of the CIDA Personnel and Administration Branch. These discussions have culminated in the conclusion of an informal agreement that will, where feasible, permit the exchange or transfer of staff.

H) MINISIS

The Program Evaluation Division of CIDA is currently using the IDRC developed MINISIS software package for their Corporate Memory Project. The IDRC Information Sciences Computer Systems Group has provided ongoing advice to the Division as CIDA considers the question of decentralizing its information systems to the field and expanding the use of MINISIS within the Agency.

I) Administrative Barriers to IDRC/CIDA Collaboration

With the increase in volume in recent years of joint IDRC/CIDA projects, a number of administrative barriers to collaboration have been identified. These relate primarily to the approval procedures in CIDA for collaborative projects with IDRC and, to CIDA's contractual agreement for Canadian Executing Agencies where the requirements for monitoring, reporting and evaluation are inappropriate for IDRC given that the Centre reports to Parliament and that it is audited by the Auditor General. While the agricultural research policy paper mentioned above attempts to deal with the issue of approval procedures in the area of agricultural research, discussions are underway between the IDRC Secretary and General Counsel and the CIDA Policy Branch and General Council to resolve the issues surrounding the contractual agreement.

J) IDRC Involvement in CIDA Agreements with Government Departments

Over the past few years, IDRC has been encountering increasing difficulties in utilizing government personnel for project activities. A number of Departments are now requesting IDRC to pay high consultancy fees before they release public servants to engage in IDRC supported activities. To avoid this problem, the Centre is currently discussing with the CIDA Professional Services Branch the feasibility of being included the MOU's CIDA has with government departments such as the Department of Energy, Mines and Resources.

ANNEX

IDRC Projects with CIDA

Title: Institutional Support: International Division of the AUCC
Project no.: 3-P-88-1006 Division: EES EO -- Institutional Support
Total amount: 85120
Subject: /research programmes/ /development research/ /international
cooperation/ /universities/
Area of research: /Global/
Grantee: Association for Universities and Colleges of Canada (AUCC),
Ottawa, Ontario, CA
AUCC, 151 Slater Street, Ottawa, Ontario, Canada K1P 5N1
Project leader(s):
Co-funding agency: CIDA
Contribution: 483000

The International Division of the Association of Universities and Colleges of Canada (AUCC) carries out the activities and the development program of the former Secretariat for International Development (SID). The Secretariat aimed to increase the role of Canadian universities in the field of international development and cooperation. This objective remained after the reorganization of AUCC's international activities. Within the framework of the cooperative programs of IDRC, the AUCC's International Division will assume the function of counselling agent providing Canadian universities with guidance in their choice of research subjects aimed at benefitting developing countries.

ERRATUM

Projects involving more than one recipient
are reprinted in accordance with the
number of recipients.

IDRC Projects with CIDA

Title: Partial Carbonization of Peat (Burundi)
Project no.: 3-P-87-1051 Division: CP -- Technology for Local Enterprises Total amount: 145365
Subject: /peat/ /energy substitution/ /charcoal/ /appropriate technology/
Area of research: /Burundi/
Grantee 01: International Development Research Centre (IDRC), Ottawa, Ontario, CA Amount: 13215
Earth and Engineering Sciences, IDRC, P.O. Box 8500, Ottawa, Ontario, Canada K1G 3H9
Grantee 02: Société d'ingénierie Cartier Limitée, Montréal, Québec, CA (A) Amount: 98750
Société d'Ingénierie Cartier/Monenco, 2045 Stanley, B.P. 6086, Succursale Postale "A", Montréal (Québec), Canada H3C 3Z9
Grantee 03: Office national de la tourbe (ONATOUR), Bujumbura, BI (B) Amount: 33400
Office national de la tourbe, B.P. 2360, Bujumbura, Burundi
Project leader(s): (Institution A) Courteau, Paul Mr (Institution B) Harushamagara, Sixte Mr
Co-funding agency: CIDA
Contribution: 389800

The substitution of charred peat for charcoal, the production of which threatens to accelerate an already alarming deforestation process, will play a crucial role in the future energy policy of Burundi. Although the country has important peat resources, its exploitation is very limited. The purpose of this project is to promote the rational use of local resources by perfecting a small-scale technology for the carbonization of peat to be domestically used. In order to produce the best fuel, the research will concentrate on a thorough verification of the technical parameters of the carbonization method employed; assessing the scientific basis of an effective charring of

peat, with regard to different varieties of peat, its caloric value, composition, burning characteristics smell, consumers' acceptance, etc. A technical-economical feasibility study for a small industrial peat-coal enterprise will also be undertaken. It will include a study of the environmental effects of such operations.

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Grantee 02: Société d'ingénierie Cartier Limitée, Montréal, Québec, CA
 (A) Amount: 98750
 Société d'Ingénierie Cartier/Monenco, 2045 Stanley, B.P.
 6086, Succursale Postale "A", Montréal (Québec), Canada
 H3C 3Z9
Grantee 03: Office national de la tourbe (ONATOUR), Bujumbura, BI
 (B) Amount: 33400
 Office national de la tourbe, B.P. 2360, Bujumbura,
 Burundi (Institution A) Courteau, Paul Mr (Institution
 B) Harushamagara, Sixte Mr
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IDRC Projects with CIDA

Title: Slope Stability (Brazil)

Project no.: 3-P-87-1006 Division: CP -- Earth Sciences Total amount: 271600

Subject: /soils/ /soil physics/ /soil degradation/ /geomorphology/ /ecological balance/ /urbanization/ /environmental effects/

Area of research: /Brazil/.

Grantee 01: University of Alberta. Department of Civil Engineering, Edmonton, Alberta, CA (A) Amount: 65670

Department of Civil Engineering, University of Alberta, Edmonton, Alberta, Canada T6G 2G7

Grantee 02: Pontificia Universidade Catolica do Rio de Janeiro.

Departamento de Engenharia, Rio de Janeiro, BR (B) Amount: 205930

Departamento de Engenharia, Pontificia Universidade Catolica do Rio de Janeiro, Rua Marquez de San Vicente 225, Gavea, Rio de Janeiro, Brazil

Project leader(s): (Institution A) Eisenstein, Zdenek Dr
(Institution B) de Medeiros, Luciano Dr

Co-funding agency: CIDA Municipalidade do Rio de Janeiro

Contribution: 213650

Soil stability problems are commonplace in Rio de Janeiro mainly due to the disturbance of residual and colluvial soils on the steep slopes of the hills. Deforestation of the slopes and changes in the slope dynamics due to excavation, garbage and waste disposal, and overloads, have increased the risk of soil failures in many hilly areas. Several catastrophic events have occurred during the last years in some highly urbanized steep slopes. Most of these areas are slums (favelas) inhabited by low-income people who need to live near their working places. The need to develop criteria to predict and/or prevent future catastrophic events is recognized but very little is known about the effect of uncontrolled urbanization on unstable slopes. This project will characterize slope stability hazards related to geotechnical behaviour of residual and colluvial soils in the Rio de Janeiro region, and provide guidelines for urbanization plans in favela areas located on unstable slopes.

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Area of research: /Brazil/

Grantee 01: University of Alberta. Department of Civil Engineering, Edmonton, Alberta, CA (A) Amount: 65670

Department of Civil Engineering, University of Alberta, Edmonton, Alberta, Canada T6G 2G7

Grantee 02: Pontificia Universidade Catolica do Rio de Janeiro.

Departamento de Engenharia, Rio de Janeiro, BR (B) Amount: 205930

Departamento de Engenharia, Pontificia Universidade Catolica do Rio de Janeiro, Rua Marquez de San Vicente 225, Gavea, Rio de Janeiro, Brazil (Institution A)

Eisenstein, Zdenek Dr (Institution B) de Medeiros, Luciano Dr

Co-funding agency: CIDA Municipalidade do Rio de Janeiro

Contribution: 213650

Soil stability problems are commonplace in Rio de Janeiro mainly due to the disturbance of residual and colluvial soils on the steep slopes of the hills. Deforestation of the slopes and changes in the slope dynamics due to excavation, garbage and waste disposal, and overloads, have increased the risk of soil failures in many hilly areas. Several catastrophic events have occurred during the last years in some highly urbanized steep slopes. Most of these areas are slums (favelas) inhabited by low-income people who need to live near their working places. The need to develop criteria to predict and/or prevent future catastrophic events is recognized but very little is known about the effect of uncontrolled urbanization on unstable slopes. This project will characterize slope stability hazards related to geotechnical behaviour of residual and colluvial soils in the Rio de Janeiro region, and provide guidelines for urbanization plans in favela areas located on unstable slopes.

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IDRC Projects with CIDA

Title: Training in Priority Health Problems in Medical Education
(Global) - Phase III
Project no.: 3-P-87-0305 Division: HS -- Health Systems Research
Total amount: 77960
Subject: /medical education/ /curriculum/ /health services/ /training
programmes/
Area of research: /Global/
Grantee: McMaster University, Hamilton, Ontario, CA
 Faculty of Sciences, McMaster University, 1200 Main Street
 West, Hamilton, Ontario, Canada L8N 3Z5
Project leader(s): Neufeld, Victor Dr
Co-funding agency: CIDA Rockefeller Foundation
Contribution: 65000 50000

A Network of Community-Oriented Educational Institutions for Health Sciences was formed in 1979 with the goal of reorienting medical education towards a more community-based approach. In 1984, a Network Task Force on Priority Health Problems in Medical Education was created. This Task Force developed a project to train key faculty members at nine health sciences educational institutions located primarily in developing countries. IDRC provided support for four trainees (Fellows) to attend an intensive 15-week program (Phase I) at McMaster University in Hamilton, Ontario, in 1986. During the second session in 1987 (Phase II), the Fellows reviewed their progress in the implementation of strategies for curriculum change in their home institutions and made any final adjustments to their plan of action. This third and final session (Phase III) will summarize project activity and work with participating institutions in designing a longer-range plan for community-based education and research development.

IDRC Projects with CIDA

Title: Yellow Fever Vaccine (Nigeria)

Project no.: 3-P-87-0271 Division: HS FAD -- Tropical and
Infectious Diseases, Health and the Environment / Training for
Institutional Development Total amount: 256530

Subject: /yellow fever/ /disease control/ /vaccines/ /laboratories/
/quality control/ /technical cooperation/ /training/ /institution
building/

Area of research: /Nigeria/

Grantee: Nigeria, Ministry of Health, Lagos, NG

Federal Vaccine Production Laboratory, Ministry of Health,
Yaba, Lagos, Nigeria

Project leader(s): Nasidi, A.Y. Dr

Co-funding agency: WHO CIDA

Contribution: 30000 554600

Yellow fever, an acute viral disease, is still a major public health problem in the tropical area of Africa. The most recent epidemics in Nigeria occurring in the fall of 1986 and spring of 1987, resulted in an estimated 15,000 cases with 5,000 deaths. The Federal Ministry of Health has strongly committed itself to the inclusion of yellow fever vaccination in the Expanded Programme on Immunization (EPI) as a measure of increasing the immunity level in the population in the coming years. This project will promote the modernization and the strengthening of the Yellow Fever Vaccine Laboratory facilities at Yaba, Lagos; promote the adoption, in all steps of production and quality control of good manufacturing practices and ensure their compliance with WHO requirements; and promote the upgrading of the vaccine production laboratory to manufacture increased quantities and improve the quality of the vaccine with the development of thermostable formulation.

IDRC Projects with CIDA

Title: Banana and Plantain Network (INIBAP) - Phase IV
Project no.: 3-P-87-0201 Division: AFNS -- Crops and Animal
Production Systems -- Perennial Crops Total amount: 150000
Subject: /bananas/ /plantains/ /genetic improvement/ /scientific
cooperation/ /organization of research/ /institution building/
Area of research: /Global/
Grantee: Réseau international pour l'amélioration de la banane et de
la banane plantain, Montpellier, FR
Réseau international pour l'amélioration de la banane et de
la banane plantain, Avenue du Val de Montferrand, B.P. 5053,
34032 Montpellier Cédex (France)
Project leader(s):
Co-funding agency: USAID CIDA

The International Network for the Improvement of Banana and Plantain (INIBAP) commenced operations in 1985, with support from six donors. It is governed by a Board of Trustees and its director is a banana and plantain specialist. In 1987, INIBAP received support from fourteen donors a number expected to continue to grow. IDRC is the Executing Agency representing the donor members, pending approval of the INIBAP Charter. INIBAP's objectives are to initiate, support and coordinate research to improve production of bananas and plantains classified in the genus Musa; to promote and allow the collection and exchange of information on Musa; and, to support training for researchers and technicians from developing countries. INIBAP's structure is a small, central administrative and scientific support cadre (Secretariat, Montpellier, France) and four regional networks, namely: Latin America and Caribbean; Western Africa; Eastern Africa; and, Asia and the Pacific. This is the fourth phase of IDRC support to INIBAP and represents the 1988 contribution.

Title: National Economic and Commercial Information Network (Algeria)
Project no.: 3-P-87-0193 Division: IS -- Socioeconomic Information
Total amount: 95000
Subject: /information services/ /information networks/ /economic
planning/
Area of research: /Algeria/
Grantee: Centre national d'information et de documentation
économiques (CNIDE), Alger, DZ
 Centre national d'information et de documentation
 économiques, B.P. 65, Cité du 5 juillet, Bab Ezzouar, Alger,
 Algérie
Project leader(s): Ayouz, Tahar Mr
Co-funding agency: CIDA
Contribution: 50000

Algeria attaches great importance to information in its national planning process. This project, dealing with information for planning in the region, will enable an already functioning national centre to consolidate its position as a centre of excellence. It will help expand the information services it is providing, to begin the decentralization of operations, and to assist various national sectoral centres on their way to computerization. Specific anticipated activities are: designing a plan for decentralization; improving the competence of middle management; diversification of products and services; preparing teaching and normative documentation; and the creation of a regional pilot information service.

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IDRC Projects with CIDA

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Title: BAIF - Institutional Support

Project no.: 3-P-87-0161 Division: AFNS HS IS SS Total amount:
1855000

Subject: /development research/ /rural development/ /institution
building/

Area of research: /India/

Grantee: Bharatiya Agro-Industries Foundation (BAIF), Pune, IN
Bharatiya Agro-Industries Foundation, Pune, India

Project leader(s):

Co-funding agency: CIDA

Contribution: 4063900

The Bharatiya Agro-Industries Foundation (BAIF) is an innovative and effective rural development organization which plans to expand the extent and scope of its activities and build a research base to support development decision-making. This project will strengthen and reinforce BAIF's Program for Development Research. The Program includes activities in four main areas: 1) Information Sciences; 2) Health Sciences; 3) Agricultural Sciences; and 4) Post-Production Systems. IDRC has established special mechanisms to manage the collaboration. These include a technical field coordinator, a BAIF-IDRC Planning Group and a Committee of Directors. The collaboration will give IDRC another perspective of the development process and increase the Centre's understanding of the application of research results for development.

IDRC Projects with CIDA

Title: ASEAN Grains Post-Harvest Program (AGPP)
Project no.: 3-P-87-0131 Division: AFNS -- Post Production
Systems -- Food Handling, Drying and Storage Total amount: 250000
Subject: /cereals/ /leguminosae/ /post-harvest systems/ /institution
building/ /organization of research/
Area of research: /South East Asia/
Grantee: Thailand. Ministry of Agriculture and Cooperatives, Bangkok,
TH
Department of Agriculture, Ministry of Agriculture and
Cooperatives, Bangkok, Thailand
Project leader(s): Pongthian Payakniti
Co-funding agency: CIDA
Contribution: 3192000

This project is a continuation of a multi-donor effort initiated by IDRC in 1976, to develop a broadly-based postharvest technology implementation system for grains in the countries of the Association of South East Asian Nations (ASEAN). Specifically, the project will strengthen the capability of national institutions to conduct and apply research and development activities in cereal grain and legume postharvest technology; assist national programs to identify problems and set priorities for relevant engineering, biological, sociological and economic studies; develop solutions for identified postharvest problems; promote the utilization and adoption of research results through pilot projects; and strengthen linkages among ASEAN postharvest research and development institutions.

IDRC Projects with CIDA

Title: International Consortium for Economic Research (Sub-Saharan Africa)
Project no.: 3-P-87-0112 Division: SS -- Economic Policy
Total amount: 750000
Subject: /economic research/ /institution building/ /economic policy/
/policy making/ /regional cooperation/
Area of research: /Africa South of Sahara/
Grantee: International Development Research Centre (IDRC), Nairobi, KE
IDRC, P.O. Box 62084, Nairobi, Kenya
Project leader(s):
Co-funding agency: Rockefeller Foundation CIDA IBRD USAID Ford
Foundation

Development in Sub-Saharan Africa has been seriously impeded recently because of deteriorating economic conditions that can be traced to external factors, structural features and inappropriate economic policies. Improvements in economic policy making will depend largely upon locally-based economic research conducted mainly by national economists. This project provides support toward an International Consortium for Economic Research in Sub-Saharan Africa. The Consortium's aim is to promote economic and social development in the region by strengthening indigenous research capacity in order to encourage independent, rigorous inquiry into problems pertinent to economic management. Research supported by the Consortium will concentrate on issues relating to short- and long-term management of the economy, and the relationship between this management and economic development over the longer term. Assistance for training and capacity building will be closely linked with the research being sponsored by the Consortium.

IDRC Projects with CIDA

Title: Women in Handpump Technology (Sri Lanka) - Phase II
Project no.: 3-P-87-0092 Division: HS -- Water Supply and
Sanitation Total amount: 370140
Subject: /pumps/ /manufacturing/ /maintenance and repair/ /women's
participation/ /drilling/ /wells/ /testing/
Area of research: /Sri Lanka/
Grantee: Sarvodaya Economic Enterprises Development Service (SEEDS),
Ratmalana, LK
Lanka Jathika Sarvodaya Shramadana Sangamaya, Sarvodaya-
Economic Enterprises Development Services, 41 Lumbini
Avenue, Ratmalana, Sri Lanka
Project leader(s): De Silva, Dulan Mr
Co-funding agency: CIDA UNICEF
Contribution: 202170 101710

Phase I of this project investigated strategies for the creation of self-sustaining pump manufacturing units, and the implementation of village-based monitoring and maintenance programs in Sri Lanka (3-P-83-0193). The project focused on the participation of women in all aspects of handpump technology including manufacturing, assembly, installation and maintenance. The aim of this second phase is to replicate and evaluate the dissemination strategies developed in the previous study. Researchers will investigate the role and impact of women handpump technicians as educators and change agents in the community; and further develop and field-test a low-cost well drilling technique originally developed in the Philippines.

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IDRC Projects with CIDA

Title: Water Pumping Technology (Malaysia) - Phase III
Project no.: 3-P-87-0084 Division: HS IS OPE -- Water Supply and
Sanitation / Information Tools and Methods Total amount: 1129040
Subject: /pumps/ /manufacturing/ /technology transfer/ /technical
information/ /information dissemination/ /telecommunications/
Area of research: /Malaysia/
Grantee: University of Malaya. Department of Mechanical Engineering,
Kuala Lumpur, MY
University of Malaya, Lembah Pantai, 59100 Kuala Lumpur,
Malaysia
Project leader(s): Goh Sing Yau Prof
Co-funding agency: Malaysia. Ministry of Health CIDA
Contribution: 159250 127270

IDRC's handpump program has focussed on developing a low-cost water pumping device that can be fabricated and assembled in-country, and installed and maintained by villagers themselves. Phase I consisted of a network of projects which examined the technical viability of a unique handpump design incorporating plastic (PVC) below-ground components. A second network (Phase II) showed that these pumps are easily adapted to varying social and environmental conditions, are affordable, and can be mass-produced in-country. To derive maximum benefits from the results of the research and development activities supported in the first and second phases, this phase III project in Malaysia will establish a regional centre of excellence for handpump technology. The centre will provide training in the manufacture, assembly, installation and maintenance of the UNIMADE handpump to a network of manufacturing units (large- and small-scale) within the region and elsewhere. Also the project will develop a computerized communications network (Telematics Network) to facilitate technical and marketing support to all participating organizations.

IDRC Projects with CIDA

Title: Training in Priority Health Problems in Medical Education
(Global) - Phase II
Project no.: 3-P-87-0044 Division: HS -- Health Systems Research
Total amount: 45000
Subject: /health services/ /medical education/ /curriculum/
/instructors/ /training programmes/
Area of research: /Global/
Grantee: McMaster University, Hamilton, Ontario, CA
 McMaster University, Faculty of Health Sciences, 1200 Main
 Street West, Hamilton, Ontario, Canada L8N 3Z5
Project leader(s): Neufeld, Victor Dr
Co-funding agency: Rockefeller Foundation CIDA WHO World Bank
Contribution: 25000 50000

To reorient medical education towards a more community-oriented approach, a network of Community-Oriented Educational Institutions for Health Sciences was formed in 1979, with the support of the World Health Organization. In 1984, a Network Task Force on Priority Health Problems in Medical Education was created. This Task Force developed a project to train key faculty members, from nine health sciences educational institutions located primarily in developing countries, in a community-based "priority health problems approach" both to medical education, and to the investigation and management of health problems. IDRC provided support for four trainees (Fellows) to attend an intensive 15-week program (Study Block 1) at McMaster University in Hamilton, Ontario in early 1986. This grant provides support for the fellows to participate in Study Block 2 during which time they will finalize their plans for curriculum change at their respective educational institutions.

IDRC Projects with CIDA

Title: Institutional Support: International Division of the AUCC
Project no.: 3-P-86-1050 Division: CP -- Institutional Support
Total amount: 76000
Subject: /universities/ /research programmes/ /development research/
/international cooperation/
Area of research: /Global/
Grantee: Association of Universities and Colleges of Canada (AUCC),
Ottawa, Ontario, CA
Association of Universities and Colleges of Canada, 151
Slater Street, Ottawa, Ontario, Canada K1P 5N1
Project leader(s):
Co-funding agency: CIDA
Contribution: 420000

Through its international division, AUCC (Association of Universities and Colleges of Canada) is taking over the international activities as well as the international development program of its Secretariat for International Development (SID). AUCC will continue to pursue the aim of the former division to increase the role of Canadian universities in the field of international cooperation and development. The international division will assume the function of a counselling agent to guide Canadian universities in their choice of research subjects aiming to benefit developing countries.

Title: International Development Secretariat
Project no.: 3-P-86-1010 Division: CP -- Institutional Support
Total amount: 72000
Subject: /development centres/ /international cooperation/
/universities/ /Canada/
Area of research: /Global/
Grantee: Association of Universities and Colleges of Canada (AUCC),
Ottawa, Ontario, CA
International Development Secretariat, 151 Slater Street,
Ottawa, Ontario, Canada K1P 5N1
Project leader(s): Campbell, Ralph Mr
Co-funding agency: CIDA
Contribution: 400000

The International Development Secretariat is an instrument to increase Canadian university involvement in international development. The Secretariat is composed of a tripartite liaison committee guided by CIDA, IDRC and AUCC (the Association of Universities and Colleges of Canada). This grant will assist the Secretariat in its role to sensitize Canadian universities to development problems and help them choose projects most beneficial to developing countries.

Title: Community Health Research (Ethiopia)
Project no.: 3-P-86-0283 Division: HS -- Health Systems Research
Total amount: 490610
Subject: /health/ /applied research/ /higher education/
Area of research: /Ethiopia/
Grantee: McGill University, Dept. of Epidemiology and Biostatistics,
Montreal, Quebec, CA
 McGill University, 853 Sherbrooke Street West, Montreal,
 Quebec, Canada H3A 1A2
Project leader(s): Bergevin, Yves Dr (Address: McGill-Ethiopia
Community Health Project, P.O. Box 100 083, Addis Ababa, Ethiopia)
Co-funding agency: CIDA
Contribution: 741666

Community health research is a key element to understanding the health problems of Ethiopia and to designing appropriate health interventions. A Master's Program in Community Health has recently been started under the Jimma Institute of Health Sciences in collaboration with and supported by the Ministry of Health of Ethiopia, the World Health Organization, the Canadian International Development Agency and McGill University. The objective of this project is to strengthen community health research in Ethiopia through the development of a strong research component of this program enabling the graduates to function as independent researchers. This grant will support one full-time faculty research coordinator for a 2-year period, one research workshop each year, and 15 research projects the first year and 20 the second year. Students will receive training in the theoretical and practical aspects of research methodology, epidemiology, biostatistics, social sciences, general community health and related disciplines. Each student will carry out, under supervision, as his/her Master's thesis, a research project in a priority area for Ethiopia.

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IDRC Projects with CIDA

Title: International Health Communications in Canada
Project no.: 3-P-86-0282 Division: HS -- Special Initiatives
Total amount: 165000
Subject: /newsletters/ /health/ /applied research/ /information
dissemination/ /international cooperation/
Area of research: /Global/
Grantee: Association of Universities and Colleges of Canada (AUCC),
Ottawa, Ontario, CA
AUCC, 151 Slater Street, Ottawa, Ontario, Canada K1P 5N1
Project leader(s): Boyer, Janet Ms
Co-funding agency: CIDA Canadian Society for Tropical Medicine and
International Health (CSTMIH)
Contribution: 135000 5000

For many years, it has been recognized that there have been problems in communication between members of the various disciplines involved in international health. In Canada, this problem has been addressed in a series of three conferences held in 1985 and 1986, where the question of Canadian institutions' role in international health was studied in-depth. Three initiatives are currently being pursued, and this project to develop a quarterly newsletter to provide information on activities and developments by institutions and individuals in the field of international health is a major component of one of them. This grant is to help cover the costs of publishing the newsletter for its first three years. The newsletter will provide improved communications for international health professionals in Canada and developing countries and act as a stimulant for collaborative international health projects within Canada. It will be a source of information on Canadian resources which can be brought to bear upon developing countries' international health problems and lead to concerted action directed toward international health problems.

IDRC Projects with CIDA

Title: Drought and Resettlement (Ethiopia)
Project no.: 3-P-86-0215 Division: HS SS -- Population and
Development Research / Health Systems Research Total amount: 160000
Subject: /resettlement/ /drought/ /population transfers/ /economic
conditions/ /social conditions/ /health surveys/
Area of research: /Ethiopia/
Grantee: Office of the National Commission for Central Planning,
Addis Ababa, ET
 Central Statistical Office, Office of the National
 Commission for Central Planning, P.O. Box 1037, Addis Ababa,
 Ethiopia
Project leader(s): Beyene, Mitik Mr
Co-funding agency: CIDA
Contribution: 369640

In recent years, Ethiopia has suffered from a number of severe droughts and associated famines. Since 1974, the government has increasingly relied on resettlement as a strategy of rehabilitating the victims. The Emergency Resettlement Program initiated in November 1984, in response to the 1983-85 drought, relocated some 205 000 families from the drought-prone northern areas of the country to the better-watered western regions. Many problems were encountered though due to insufficient data on the resettlement areas, and on the characteristics of the population being resettled. This project provides funds for the collection of baseline socioeconomic, demographic and health data on the resettled populations. Researchers will determine the size and direction of resettlement flows, fertility and mortality levels and the rate of population growth; and attempt to measure the magnitude of the demographic consequences of drought and famine.

IDRC Projects with CIDA

Title: Technologies for Community Health Care in the Developing World
Project no.: 3-P-86-0197 Division: HS -- Maternal and Child Health
Total amount: 308700
Subject: /primary health care/ /product development/ /new products/
/research and development/
Area of research: /Global/
Grantee: Program for Appropriate Technology in Health (PATH),
Washington, US
 Program for Appropriate Technology in Health (PATH), Canal
 Place, 130 Nickerson Street, Seattle, Washington 98109, USA
Project leader(s): Perkin, Gordon W. Dr
Co-funding agency: Aga Khan Foundation Australian Development
Assistance Bureau CIDA Carnegie Corporation Ford Foundation USAID

At the instigation of the World Health Organization primary health care (PHC) has been accepted as the emphasis for health care delivery by most developing countries in the context of "health for all by the year 2000". However, there is no hope of real success if developing countries have to continue depending on the use of costly, highly sophisticated health technology such as is used in the developed countries. The Program for Appropriate Technology in Health (PATH) a non-profit organization has for several years been engaged in research and development for the production, transfer and dissemination of simple, dependable, and inexpensive health technologies, appropriate to the needs of primary health care, and particularly community health, in the developing world. IDRC has several times contributed to this work. This project enables PATH to continue research and development work on a number of community health related technologies (e.g. a baby scale, sterilization indicator for medical instruments, improved oral rehydration solutions, etc.).

IDRC Projects with CIDA

Title: Management Improvement in the Sahelian Research Institutes (AGIR) - Phase II

Project no.: 3-P-86-0139 Division: CGT Total amount: 275000

Subject: /management development/ /management/ /research needs/ /research centres/

Area of research: /West Africa/

Grantee: International Development Research Centre (IDRC), Ottawa, Ontario, CA

Office of the Comptroller General and Treasurer, IDRC, P.O.
Box 8500, Ottawa, Ontario, Canada K1G 3H9

Project leader(s):

Co-funding agency: CIDA

Contribution: 1000000

Despite receiving substantial financial support the nine Sahel countries have difficulty achieving results because of serious management problems. The first phase of this project helped improve the situation through diagnostic studies undertaken in 23 research institutes. Recommendations were put forward to the institutes, the supervising organizations and donors. This new joint CILSS-ISNAR project is based on what was learnt in the first phase. This project puts in place management systems and harmonizes national research capabilities. At the end of the project, a regional institution, CESAG, will transform the project into a permanent structure to improve the management of research institutes.

Title: African Water and Sanitation Information System (CIEH)

Project no.: 3-P-86-0109 Division: IS -- Socioeconomic Information -- Human Environment, Health and Population Information
Total amount: 137350

Subject: /water/ /sanitation/ /water management/ /information services/ /information systems/

Area of research: /Africa/

Grantee: Comité interafricain d'études hydrauliques (CIEH), Ouagadougou, BF

B.P. 369, Ouagadougou, Burkina Faso

Project leader(s): Hassane, Abdou Mr

Co-funding agency: CIDA

Contribution: 80000

The Documentation Centre of the Comité interafricain d'études hydrauliques (CIEH), in Burkina Faso, collects information on water and sanitation, diffuses this information through various official publications, and provides support for training in documentation techniques. Unfortunately, due to both financial and space constraints, the Centre has difficulty in meeting its objectives. This project improves its capacity to collect, process and disseminate information as well as putting into place an information system on water and sanitation for west and central Africa.

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IDRC Projects with CIDA

Title: Models for Native Education in Latin America
Project no.: 3-P-86-0050 Division: FAD SPA -- Group Training
Total amount: 89400
Subject: /indigenous population/ /management development/
/self-determination/ /training programmes/
Area of research: /Latin America/
Grantee: Saskatchewan Indian Federated College (SIFC), Regina,
Saskatchewan, CA
127 College West, University of Regina, Regina,
Saskatchewan, Canada, S4S 0A2
Project leader(s): Ramirez, Raymond Mr
Co-funding agency: CIDA
Contribution: 139772

This project will enable the Saskatchewan Indian Federated College (SIFC) to implement an accord with the World Council of Indigenous People (WCIP) and the Consejo Indio de Sudamerica (CISA) to provide training in management, administration and research for the leaders of indigenous communities in several countries of South and Central America. The design and implementation of this training will itself be the subject of research into how lessons learned in the management and administration of native communities in Canada can be captured and disseminated. CIDA will provide funds for the training portion of this project and IDRC will support the research element.

Title: Primary Health Care Technology - PATH (Global) - Phase II
Project no.: 3-P-85-0212 Division: HS -- Health Systems Research
Total amount: 75340
Subject: /primary health care/ /research and development/ /appropriate
technology/ /new products/ /product development/ /testing/
Area of research: /Global/
Grantee: Program for Appropriate Technology in Health (PATH),
Seattle, Wash., US
 Program for Appropriate Technology in Health (PATH), Canal
 Place, 130 Nickerson Street, Seattle, Washington 98109,
 U.S.A.
Project leader(s): Perkin, Gordon W. Dr
Co-funding agency: Aga Khan Foundation Australian Development
Assistance Bureau CIDA Carnegie Foundation Ford Foundation OXFAM
Hewlett Foundation WHO

Over the past four years, the Program for Applied Technology in Health (PATH), has screened, evaluated or started the development process on at least 20 specialized products for primary health care in the developing world. As a result of IDRC support, a number of these technologies are at the field-testing stage: for example, an infant weight scale, a sterilization indicator for medical instruments and improved oral rehydration solutions. This second phase will provide support to PATH to continue developing and introducing appropriate technologies for use in the Third World. This one-year project is a bridging grant to enable PATH to continue until a newly created international Fund for Technology Development is fully established and operative.

IDRC Projects with CIDA

Title: International Development Secretariat
Project no.: 3-P-84-1052 Division: CP -- Liaison and
Institutional Support Total amount: 67000
Subject: /international cooperation/ /development centres/
/universities/ /Canada/
Area of research: /Canada/
Grantee: Association of Universities and Colleges of Canada (AUCC),
Ottawa, Ontario, CA
Association of Universities and Colleges of Canada (AUCC),
151 Slater, Ottawa, Ontario, Canada K1P 5N1
Project leader(s): Campbell, Ralph Dr (Address: Secrétariat pour
le Développement International, 151 Slater, Ottawa, Ontario, Canada
K1P 5N1)
Co-funding agency: CIDA
Contribution: 375000

The International Development Secretariat is an instrument to increase Canadian university involvement in international development. Its Secretariat is composed of a tri-partite development liaison committee guided by CIDA, IDRC and AUCC (the Association of Universities and Colleges of Canada). Within the framework of Cooperative Programs, the role of the International Development Secretariat is to sensitize Canadian universities to development problems and help them choose projects which will be most beneficial to developing countries.

Title: Salmonids (Chile/HCL)
Project no.: 3-P-84-1012 Division: AFNS CP -- Fisheries Total
amount: 96800
Subject: /fishery development/ /freshwater fish/ /rivers/ /ecosystems/
Area of research: /Chile/
Grantee: Hatfield Consultants Ltd., Vancouver, British Columbia, CA
Hatfield Consultants Limited, 201 - 1571 Bellevue Avenue,
West Vancouver, B.C. V7V 3R6
Project leader(s): Hatfield, C.T. Mr Ricardo Mendez Zamorano Sr.
(Address: Subsecretaria de Pesca, Ministerio de Economia,
Reconstruccion y Desanollo, Teatinos 120, 10o Piso, Santiago, Chile)
Co-funding agency: CIDA Government of Chile
Contribution: 38700 26500

Over the last 50 years, attempts to introduce salmon to streams and rivers in southern Chile have met with varying degrees of success. In 1982, the Chilean government undertook a long-term program of introducing salmon into selected river systems in the region to provide economic opportunities for the local people. A new salmon fishery in the region would provide employment and food. The purpose of this project is to make a final selection of streams so that a program to develop self-sustaining populations of salmon can commence. Researchers will conduct ecological studies to assess seasonal variations in stream flow, water quality, food production and the presence of indigenous fish species; determine the most appropriate salmon species; and design hatcheries.

IDRC Projects with CIDA

Title: International Development Office
Project no.: 3-P-84-1010 Division: CP -- Other Fields Total
amount: 63000
Subject: /international cooperation/ /development centres/
/universities/ /Canada/
Area of research: /Global/
Grantee: Association of Universities and Colleges of Canada (AUCC),
Ottawa, CA
 Association of Universities and Colleges of Canada (AUCC),
 151 Slater Street, Ottawa, Ontario, Canada K1P 5N1
Project leader(s): Campbell, Ralph (Address: Secrétariat pour le
développement international (SDI), 151, rue Slater, Ottawa, Ontario,
Canada K1P 5N1) Dr
Co-funding agency: CIDA
Contribution: 360000

This project will give continued institutional support to the International Development Office, a group formed in 1977 to inform Canadian universities of the needs of Third World countries. The Secretariat is made up of representatives from CIDA, IDRC and the Association of Universities and Colleges of Canada (AUCC). Its primary functions are to facilitate contact between Canadian universities interested in development and their counterparts in developing countries, and to provide information, publish documents and organize conferences related to higher education.

Title: FAMESA - Development of Training Manuals
Project no.: 3-P-84-0331 Division: CGT SPA Total amount: 86000
Subject: /management development/ /research and development/ /manuals/
Area of research: /Africa/
Grantee: International Centre for Insect Physiology and Ecology
(ICIPE), Nairobi, KE
 International Centre for Insect Physiology and Ecology
 (ICIPE), P.O. Box 30772, Nairobi, Kenya
Project leader(s): Odhiambo, Thomas Prof
Co-funding agency: CIDA Ford Foundation

Improved management of research projects and institutions is a necessary condition for the establishment of a sound scientific base in Africa. FAMESA (Financial and Administrative Management of Research Institutions in Eastern and Southern Africa) is intended to provide a mechanism through which national research systems in the region can acquire research management skills. The purpose of this project is to enable FAMESA to develop and adapt training materials (management manuals) for a course on Facilities, Materials and Inventory Management. FAMESA will distribute the management manual to research institutes and provide consultancy services.

IDRC Projects with CIDA

Title: Action Research Network for Education and Development
(Indonesia)
Project no.: 3-P-84-0277 Division: SS -- Education Total
amount: 160000
Subject: /participatory research/ /case studies/ /non-formal
education/ /community relations/
Area of research: /Indonesia/
Grantee: Institute for Social and Economic Research, Education and
Information, Jakarta, ID
 Institute fo Social and Economic Research, Education and
 Information, Jalan S. Parman 81, Slipi, P.O. Box 493JKT,
 Jakarta Barat, Indonesia
Project leader(s): Hadimulyo Mr
Co-funding agency: CIDA Ford Foundation

Action or participatory research calls for interaction between the researchers and those among whom the research is conducted. The Indonesian Action Research Network (JARI) was established to facilitate the examination of action research, to sponsor a number of case studies, to provide appropriate training support, and to disseminate related information. This project will enable JARI to provide technical assistance, training and administrative support for four case studies on community education in poor rural and urban areas. These studies concern community education in environmental management, education regarding the adverse effects of pesticide misuse, and "alternative" education programs for youth and school drop-outs.

IDRC Projects with CIDA

Title: Library and Regional Documentation Centre (Asian Institute of Technology)

Project no.: 3-P-84-0147 Division: IS -- Information about Development Total amount: 237950

Subject: /information services/ /technical information/ /specialized information analysis centres/

Area of research: /Asia/

Grantee: Asian Institute of Technology (AIT), Bangkok, TH
Library and Regional Documentation Center, Asian Institute of Technology (AIT), P.O. Box 2754, Bangkok, Thailand

Project leader(s): Valls, Jacques Dr

Co-funding agency: USAID Australian and French Governments CIDA

The Asian Institute of Technology (AIT) is a leading institution in the field of technology and information handling. Through the Asian Information Centre, for Geotechnical Engineering (AGE) and the International Ferrocement Information Centre (IFIC), AIT delivers crucial information to engineers, scientists and technicians. This project will enable the Library and Regional Documentation Centre (LRDC) of AIT to enhance its program so that the services and outputs of AGE and IFIC can serve the greatest possible number of users in the region. Specifically, LRDC will conduct user surveys; publish information products (e.g. manuals, do-it-yourself booklets, etc.) in formats that can be easily understood by the clientele; and actively promote the activities of AGE and IFIC.

Title: INFORMATION EXCHANGE WITH CHILDREN (KENYA) - PHASE II

Project no.: 3-P-84-0030 Division: COMM -- MEDIA DEVELOPMENT AND SCIENTIFIC COMMUNICATION Total amount: 30138

Subject: /health education/ /child care/ /rural areas/ /periodicals/

Area of research: /East Africa/ /Kenya/ /Uganda/

Grantee: Mazingira Institute, Nairobi, KE

MAZINGIRA INSTITUTE, P.O. BOX 14550, NAIROBI, KENYA

Project leader(s): LAMBA, DAVINDER Mr

Co-funding agency: CIDA

"Rainbow" is a children's magazine published in Kenya. Each year since 1979, the Mazingira Institute in Nairobi has collaborated with the editor of "Rainbow" on the production of a special information package on a specific environmental topic. IDRC supported the water and sanitation issue in 1983 and will provide funds for the June 1984 issue. This issue will provide school-age children in Kenya and Uganda with information on infant care and population. The 16-page package will use cartoons and text, as well as a contest in which children will be asked to send in their answers to questions on infant care practices in their home districts. The contest answers will be analyzed and become an important input into ongoing child-care and population programs.

Title: Facilitating Nursery to Grade One Transition (Guyana/Alberta)
Project no.: 3-P-83-1013 Division: SS CP -- EDUCATION Total
amount: 26300

Subject: /teacher training/ /preschool education/ /primary education/
/quality of education/ /teaching practice/ /teaching methods/

Area of research: /Guyana/

Grantee 01: Guyana. Ministry of Education, Georgetown, GY (A)
Amount: 9300

Ministry of Education, 21 Brickdam, Georgetown, Guyana
Grantee 02: University of Alberta. Department of Elementary
Education, Edmonton, Alberta, CA (B) Amount: 17000

Dept. of Elementary Education, University of Alberta,
Edmonton, Alberta Canada T6G 2E5

Project leader(s): (Institution A) Baichoo, Norma Ms (Institution
B) Blakey, Janis Ms

Co-funding agency: CIDA

Since 1976, the government of Guyana has made preschool education accessible to all children between the ages of three and five. It is a system of education that attempts to develop the whole child through informal, experience-based teaching, play and stimulative materials. However, the educational benefit of the system is apparently being lost in the transition between the progressive nursery school and the rigid and academically traditional grade one. This project will develop, implement and evaluate an in-service training program for grade one teachers focussing on teaching strategies and curriculum development to ease the transition from the preschool to the primary setting.

IDRC Projects with CIDA

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Dept. of Elementary Education, University of Alberta,

Edmonton, Alberta Canada T6G 2E5 (Institution A) Baichoo,

Norma Ms (Institution B) Blakey, Janis Ms

Co-funding agency: CIDA

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IDRC Projects with CIDA

Title: Gore-Gambela Geotraverse

Project no.: 3-P-83-1002 Division: CP -- EARTH SCIENCES Total amount: 483559

Subject: /geomorphology/ /geology/ /mineral resources/ /geological maps/ /geological surveys/ /scientific cooperation/

Area of research: /Ethiopia/

Grantee 01: International Development Research Centre (IDRC), Ottawa, Ontario, CA Amount: 110960

Cooperative Programs, IDRC, P.O. Box 8500, Ottawa, Ont. Canada K1G 3H9

Grantee 02: Carleton University. Ottawa-Carleton Centre for Geoscience Studies, Ottawa, Ontario, CA (B) Amount: 171979
Ottawa-Carleton Centre for Geoscience Studies, Carleton University, Ottawa, Ont. Canada K1S 5B6

Grantee 03: Addis Ababa University. Department of Geology, Addis Ababa, ET (C) Amount: 200620
Dept. of Geology, Addis Ababa University, Addis Ababa, Ethiopia

Project leader(s): (Institution B) Moore, John M. Dr (Institution C) Assefa, Getaneh Dr

Co-funding agency: CIDA UNESCO

Contribution: 40,000 43,000

For Ethiopia, mineral production has never been a substantial part of the economy. Geologically, however, the basement rocks that make up an important part of Western Ethiopia, are the same rock types that account for most mineral production in some of the main mineral-producing countries of Africa and the world. Before any plans can be made for the development of the mineral resources, reliable information is needed on the distribution, size and value of these resources. The Ethiopian government has set as a priority the detailed geological study of areas likely to bear minerals. This project will investigate the geological evolution of the Mozambique Belt, and particularly the relationship between geological characteristics (stratigraphy, structure, magmatism and metamorphism) and the economic potential of mineral deposits; strengthen the research capability of Ethiopian geological organizations; and create a favorable climate for scientific cooperation.

IDRC Projects with CIDA

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Project no.: 3-P-83-1002 Division: CP -- EARTH SCIENCES Total amount: 483559

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Ottawa-Carleton Centre for Geoscience Studies, Carleton University, Ottawa, Ont. Canada K1S 5B6

Grantee 03: Addis Ababa University. Department of Geology, Addis Ababa, ET (C) Amount: 200620
Dept. of Geology, Addis Ababa University, Addis Ababa, Ethiopia (Institution B) Moore, John M. Dr

(Institution C) Assefa, Getaneh Dr

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IDRC Projects with CIDA

Title: "PATHS TO DEVELOPMENT" -- A DEVELOPMENT EDUCATION LEARNING MODULE
Project no.: 3-P-83-0326 Division: COMM -- MEDIA DEVELOPMENT AND
SCIENTIFIC COMMUNICATION Total amount: 50000
Subject: /audiovisual aids/ /economic and social development/
/information dissemination/ /secondary education/ /Canadians/
Area of research: /Global/
Grantee: ALBERTA EDUCATIONAL COMMUNICATIONS CORPORATION, EDMONTON,
ALBERTA, CA
ALBERTA EDUCATIONAL COMMUNICATIONS CORPORATION (ACCESS
ALBERTA), 16980-114 AVENUE, EDMONTON, ALBERTA T5M 3S2
Project leader(s): LEDGERWOOD, C.D. Dr
Co-funding agency: CIDA TV ONTARIO
Contribution: 195,157 127,000

The majority of high school students in Canada are either unaware of or indifferent to the problems facing Third World countries. Many Canadian educators now feel it is critical that students begin to realize how interdependent the nations of the world are. The objective of this project is to produce a one-semester learning "package" for senior high school students consisting of six 30-minute videotape programs (for classrooms and broadcast use); a student reference booklet; a comprehensive teachers' guide; and a microcomputer programme that will simulate a "real world economic system". It is hoped that the package will help Canadian students achieve an awareness, an understanding, an acceptance and, for a few perhaps, a commitment to global interdependence.

IDRC Projects with CIDA

Title: WOMEN IN HANDPUMP TECHNOLOGY (SRI LANKA) - PHASE I
Project no.: 3-P-83-0193 Division: HS -- WATER SUPPLY AND
SANITATION Total amount: 75015
Subject: /pumps/ /maintenance and repair/ /women's participation/
/drilling/ /wells/
Area of research: /Sri Lanka/
Grantee: Sarvodaya (Movement), Moratuwa, LK
SARVODAYA ENGINEERING DIVISION, SARVODAYA SHRAMADANA
MOVEMENT, DAMSAK MANDIRA, 77 DE SITSA RIAD, MORATUWA, SRI
LANKA
Project leader(s): Wijesena, H.R. Mr
Co-funding agency: CIDA

In many developing countries where people rely on handpumps for potable water, not enough attention has been given to developing and implementing village level maintenance programs. As a result, when pumping systems break down, they often remain unrepaired due to the absence of spare parts and trained local personnel. The Sarvodaya Shramadana Movement, a national non-governmental organization in Sri Lanka, recognized this problem and field-tested a locally manufactured, low-cost, PVC handpump which could be maintained by the villagers themselves. This project will organize village women into income-generating cottage industries for the manufacture and assembly of the various handpump components; the women will also be trained to monitor and maintain the Sarvodaya handpump in their own villages.

Title: TRAINING COURSE ON TELEVISED DOCUMENTARY PRODUCTION
Project no.: 3-P-83-0173 Division: COMM -- MEDIA DEVELOPMENT AND
SCIENTIFIC COMMUNICATION Total amount: 36530
Subject: /training courses/ /television/ /scientific information/
/information dissemination/
Area of research: /Senegal/
Grantee: Association interinstitutionnelle pour la communication
(AICOM), Dakar, SN
ASSOCIATION INTERINSTITUTIONNELLE POUR LA COMMUNICATION
(AICOM) a/s CENTRE D'ETUDES DES SCIENCES ET TECHNIQUES DE
L'INFORMATION (CESTI), UNIVERSITE DE DAKAR, DAKAR-FANN
SENEGAL
Project leader(s): STEENHOUT, IVAN Mr
Co-funding agency: CIDA

In Africa, as elsewhere, television has become an effective medium for popularizing scientific and technological concepts. This project consists of a three-week training course aimed at enhancing the skills of journalists from the Congo, the Ivory Coast, Guinea, Niger, Senegal and Zaire in presenting results of scientific research in the form of television documentaries. The course will cover audiovisual, interviewing, script writing, and editing techniques. For practice, the participants will produce documentaries about three IDRC projects in Senegal.

IDRC Projects with CIDA

Title: GRADUATE PROGRAM IN EDUCATIONAL RESEARCH (WEST AFRICA)
Project no.: 3-P-83-0142 Division: SS FAD -- EDUCATION Total
amount: 401400
Subject: /higher education/ /educational research/ /educational
planning/ /educational reforms/
Area of research: /West Africa/
Grantee: Association pour le développement de la formation et de la
recherche en éducation en Afrique, Lomé, TG
ASSOCIATION POUR LE DEVELOPPEMENT DE LA FORMATION ET DE LA
RECHERCHE EN EDUCATION EN AFRIQUE, A/S FACULTE DES SCIENCES
DE L'EDUCATION, UNIVERSITE LAVAL, QUEBEC, CANADA G1K 7P4
Project leader(s): DIAMBOMBA, MIALA Dr
Co-funding agency: CIDA FORD FOUNDATION

The availability of relevant educational research and analysis is critical to the effective planning, development, implementation, and evaluation of educational policies. To strengthen these research capabilities in Francophone West Africa, this project will support the establishment of a regional graduate educational research training program which will develop research skills for the evaluation of the schooling process, and for educational policy studies within a context relevant to the African educational situation. The research training process will relate to practical problems in order to provide much needed policy-relevant information during the training process.

Title: POST-PRODUCTION SYSTEMS (SADCC)
Project no.: 3-P-83-0109 Division: AFNS -- POST PRODUCTION SYSTEMS
Total amount: 589400
Subject: /post-harvest systems/ - /food processing/ /food
preservation/ /regional cooperation/
Area of research: /Southern Africa/
Grantee: Zimbabwe. Ministry of Agriculture, Harare, ZW
POST-PRODUCTION AND FOOD INDUSTRY, ADVISORY UNIT, ZIMBABWE
MINISTRY OF AGRICULTURE, HARARE, ZIMBABWE
Project leader(s):
Co-funding agency: CIDA

The Southern Africa Development Coordination Conference (SADCC) took place in Lusaka in April 1980 at a Heads of State meeting of Angola, Botswana, Lesotho, Malawi, Mozambique, Swaziland, Tanzania, Zambia and Zimbabwe. SADCC has recognized the importance of establishing a regional food security program. With the support of IDRC, it is therefore establishing a Post-production and Food Industry Advisory Unit (PFIAU) which will be responsible for advising member countries of the research, technological development, training, and information necessary to ensure that existing and future post-production, food processing, and distribution systems operate efficiently and effectively.

IDRC Projects with CIDA

Title: INFORMATION EXCHANGE WITH CHILDREN IN KENYA
Project no.: 3-P-83-0072 Division: COMM -- MEDIA DEVELOPMENT AND
SCIENTIFIC COMMUNICATION Total amount: 35000
Subject: /health education/ /periodicals/ /children/ /sanitation/
/water supply/
Area of research: /Kenya/
Grantee: Mazingira Institute, Nairobi, KE
MAZINGIRA INSTITUTE, P.O. BOX 14550, NAIROBI, KENYA
Project leader(s): LAMBA, DAVINDER Mr
Co-funding agency: CIDA

"Rainbow" is a children's magazine published in Kenya. Each year since 1979, the Mazingira Institute in Nairobi has collaborated with the editor of "Rainbow" on the June issue and produced a special "information package" on a specific environmental topic. This project will provide funds for the special June 1983 issue of "Rainbow". The issue will provide children with information on the kinds of diseases spread by unsafe drinking water and poor sanitation, and how these diseases can be prevented. Articles, diagrams, and a comic strip will be used. The issue will also run a contest requiring the children to answer a series of questions on water use and sanitation practices in their home districts. This information will later be used to describe preventive health measures and specific techniques for the children.

Title: INTERNATIONAL DEVELOPMENT OFFICE
Project no.: 3-P-82-1021 Division: CP -- Other Fields Total
amount: 56007
Subject: /international cooperation/ /development centres/
/universities/ /information exchange/
Area of research: /Global/
Grantee: International Development Office (IDO), Ottawa, Ont., CA
International Development Office (IDO), 151 Slater, Ottawa,
Ontario, Canada K1P 5N1
Project leader(s): OLIVER, MICHAEL Dr
Co-funding agency: AUCC CIDA
Contribution: 29,000 324,993

This project provides support to the International Development Office in Ottawa, Canada, to continue its work with Canadian universities interested in international development. The role of the Office is defined by a liaison committee composed of members from IDRC, the Canadian International Development Agency (CIDA), and the Association of universities and Colleges of Canada (AUCC). The functions of the Office are to encourage information exchanges between Canadian universities and those in developing countries, organize conferences, publish lists of Canadian university research projects related to international development, and maintain communication links between IDRC, CIDA and Canadian universities so that research needs in developing countries are made known.

IDRC Projects with CIDA

Title: EVALUATION OF POTENTIAL PEAT SITES IN SENEGAL

Project no.: 3-P-82-1009 Division: CP -- COOPERATIVE PROJECTS --
ENERGY Total amount: 563900

Subject: /resources evaluation/ /fossil fuels/ /energy resources/

Area of research: /Senegal/

Grantee 01: INTERNATIONAL DEVELOPMENT RESEARCH CENTRE (IDRC), OTTAWA,
CA Amount: 26200

COOPERATIVE PROGRAMS, IDRC, P.O. BOX 8500, OTTAWA,
ONTARIO, CANADA K1G 3H9

Grantee 02: Compagnie des tourbières du Sénégal, Dakar, SN (A)
Amount: 119900

COMPAGNIE DES TOURBIERES DU SENEGAL, 7, RUE MERMOZ, B.P.
3240, DAKAR, SENEGAL

Grantee 03: Société d'ingénierie Cartier Limitée, Montréal, Qué., CA
Amount: 417800

SOCIETE D'INGENIERIE CARTIER LTEE, 2045 STANLEY, C.P.
6086, SUCC. A, MONTREAL, QUEBEC, CANADA H3C 3Z9

Project leader(s): (Institution A) SAKHO, HAMIDOU Mr

Co-funding agency: CIDA

In 1980 vast deposits of peat were discovered in Senegal. Since 60 percent of all energy used in Senegal comes from wood, the use of peat could reduce the rate of desertification and soil erosion which severely affects the country. The Senegalese government is hopeful that the development of peat as an energy resource will provide at least a medium-term solution to the energy problem, including the high cost of imported fuels. The primary objective of this project is to carry out an inventory of the peat deposits in Senegal and to assess the quality and potential use of this fossil fuel in electricity production, agriculture and industry, before any major investments are made.

IDRC Projects with CIDA

Title: EVALUATION OF POTENTIAL PEAT SITES IN SENEGAL

Project no.: 3-P-82-1009 Division: CP -- COOPERATIVE PROJECTS --
ENERGY Total amount: 563900

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Area of research: /Senegal/

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CA Amount: 26200

COOPERATIVE PROGRAMS, IDRC, P.O. BOX 8500, OTTAWA,
ONTARIO, CANADA K1G 3H9

Grantee 02: Compagnie des tourbières du Sénégal, Dakar, SN (A)
Amount: 119900

COMPAGNIE DES TOURBIERES DU SENEGAL, 7, RUE MERMOZ, B.P.
3240, DAKAR, SENEGAL

Grantee 03: Société d'ingénierie Cartier Limitée, Montréal, Qué., CA
Amount: 417800

SOCIETE D'INGENIERIE CARTIER LTEE, 2045 STANLEY, C.P.
6086, SUCC. A, MONTREAL, QUEBEC, CANADA H3C 3Z9

(Institution A) SAKHO, HAMIDOU Mr

Co-funding agency: CIDA

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IDRC Projects with CIDA

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Project no.: 3-P-82-1009 Division: CP -- COOPERATIVE PROJECTS --
ENERGY Total amount: 563900

Subject: /resources evaluation/ /fossil fuels/ /energy resources/

Area of research: /Senegal/

Grantee 01: INTERNATIONAL DEVELOPMENT RESEARCH CENTRE (IDRC), OTTAWA,
CA Amount: 26200

COOPERATIVE PROGRAMS, IDRC, P.O. BOX 8500, OTTAWA,
ONTARIO, CANADA K1G 3H9

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Amount: 417800

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Title: GEOPHYSICAL RESEARCH ON PRECAMBRIAN AREA IN NIGERIA
Project no.: 3-P-82-1003 Division: CP -- EARTH SCIENCES Total
amount: 140520
Subject: /mapping/ - /geophysics/ /maps/
Area of research: /Nigeria/
Grantee 01: INTERNATIONAL DEVELOPMENT RESEARCH CENTRE (IDRC), OTTAWA,
CA Amount: 106520
 COOPERATIVE PROGRAMS, IDRC, P.O. BOX 8500, OTTAWA,
 ONTARIO, CANADA K1G 3H9
Grantee 02: University of Manitoba, Winnipeg, Man., CA (B)
 Amount: 34000
 GEOPHYSICS DEPARTMENT, UNIVERSITY OF MANITOBA, WINNIPEG,
 MANITOBA, CANADA R3T 2N2
Project leader(s): (Institution B) HALL, D.H. Prof (Institution C)
AJAKIYE, D.E. Prof
Co-funding agency: CIDA NIGERIAN MINING CORPORATION
Contribution: 18,000

During the last decade, airborne geophysical surveys of the land mass of Nigeria have been carried out. One of the methods used was the aeromagnetic survey. An in-depth study of the geophysical data would greatly benefit Nigeria as it would lead to a greater understanding of the crustal structure, and economic spin-offs such as mineral and energy resources development. In this project, the Ahmadou Bello University and the University of Manitoba will carry out the interpretation of aeromagnetic survey coverage of Nigeria; develop the aeromagnetic interpretational methodology and techniques in the form of computer software; and strengthen the research capabilities of the Ahmadou Bello University.

IDRC Projects with CIDA

Title: GEOPHYSICAL RESEARCH ON PRECAMBRIAN AREA IN NIGERIA
Project no.: 3-P-82-1003 Division: CP -- EARTH SCIENCES Total
amount: 140520
Subject: /mapping/ - /geophysics/ /maps/
Area of research: /Nigeria/
Grantee 01: INTERNATIONAL DEVELOPMENT RESEARCH CENTRE (IDRC), OTTAWA,
CA Amount: 106520
 COOPERATIVE PROGRAMS, IDRC, P.O. BOX 8500, OTTAWA,
 ONTARIO, CANADA K1G 3H9
Grantee 02: University of Manitoba, Winnipeg, Man., CA (B)
 Amount: 34000
 GEOPHYSICS DEPARTMENT, UNIVERSITY OF MANITOBA, WINNIPEG,
 MANITOBA, CANADA R3T 2N2 (Institution B) HALL, D.H. Prof
 (Institution C) AJAKIYE, D.E. Prof
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IDRC Projects with CIDA

Title: YELLOW FEVER (LATIN AMERICA) - PHASE I
Project no.: 3-P-82-0225 Division: HS -- TROPICAL AND INFECTIOUS
DISEASES Total amount: 312610
Subject: /yellow fever/ - /vaccines/ /testing/ /quality control/
Area of research: /Latin America/ /Colombia/ /Brazil/
Grantee 02: Instituto Nacional de Salud (INPES), Bogotá, CO (B)
Amount: 148750
Instituto Nacional de Salud (INPES), Apartados Aéreos
80080 y 80334, Bogotá, Colombia
Grantee 03: FUNDACAO OSWALDO CRUZ (FIOCRUZ), RIO DE JANEIRO, BR
(C) Amount: 163860
FUNDACAO OSWALDO CRUZ, RIO DE JANEIRO, BRAZIL
Project leader(s): (Institution B) BERNAL, CARLOS Dr (Institution
C) LOPEZ, OSCAR SOUSA Dr
Co-funding agency: CIDA

Yellow fever is an acute infectious disease caused by a virus transmitted to humans by mosquitoes. In Latin America the ecological conditions are such that a devastating epidemic of yellow fever could break out at any time. In such a case, the present supply of vaccine would be completely inadequate. Hence, there is an acute need to correct the present deficiencies in vaccine production and research. This project will provide funds to modernize and improve the yellow fever vaccine production facilities in Colombia and Brazil.

Title: YELLOW FEVER (LATIN AMERICA) - PHASE I
Project no.: 3-P-82-0225 Division: HS -- TROPICAL AND INFECTIOUS
DISEASES Total amount: 312610
Subject: /yellow fever/ - /vaccines/ /testing/ /quality control/
Area of research: /Latin America/ /Colombia/ /Brazil/
Grantee 02: Instituto Nacional de Salud (INPES), Bogotá, CO (B)
Amount: 148750
Instituto Nacional de Salud (INPES), Apartados Aéreos
80080 y 80334, Bogotá, Colombia
Grantee 03: FUNDACAO OSWALDO CRUZ (FIOCRUZ), RIO DE JANEIRO, BR
(C) Amount: 163860
FUNDACAO OSWALDO CRUZ, RIO DE JANEIRO, BRAZIL
(Institution B) BERNAL, CARLOS Dr (Institution C) LOPEZ, OSCAR
SOUSA Dr
Co-funding agency: CIDA

Yellow fever is an acute infectious disease caused by a virus transmitted to humans by mosquitoes. In Latin America the ecological conditions are such that a devastating epidemic of yellow fever could break out at any time. In such a case, the present supply of vaccine would be completely inadequate. Hence, there is an acute need to correct the present deficiencies in vaccine production and research. This project will provide funds to modernize and improve the yellow fever vaccine production facilities in Colombia and Brazil.

IDRC Projects with CIDA

Title: FAMILLE ET DEVELOPPEMENT - FINAL PHASE
Project no.: 3-P-82-0222 Division: IS -- INFORMATION ABOUT
DEVELOPMENT Total amount: 50000
Subject: /periodicals/ - /health/
Area of research: /Africa south of Sahara/
Grantee: Association africaine d'éducation pour le développement
(ASAFED), Dakar, SN
ASSOCIATION AFRICAINE D'EDUCATION POUR LE DEVELOPPEMENT
(ASAFED), B.P. 5061, DAKAR, SENEGAL
Project leader(s): TRAORE, ABDOULAYE MALICK Mr
Co-funding agency: ACTION DE CAREME CIDA FORD FOUNDATION SIDA

This project signals the end of IDRC's involvement in the financing of the African journal on health and development, Famille et Développement. This popular magazine is read by francophones south of the Sahara and contains articles on ways to solve health, and other problems in daily life, and generally how to take an active role in development using local resources. IDRC's participation in the research phase of this project is completed and now the production and distribution of Famille et Développement is carried out by ASAFED (Association africaine d'éducation pour le développement) in Senegal. This project will allow ASAFED to publish four issues for a period of a year.

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IDRC Projects with CIDA

Title: POSTHARVEST SYSTEMS RESEARCH AND DEVELOPMENT (S.E. ASIA) -
PHASE III

Project no.: 3-P-82-0176 Division: AFNS -- POST PRODUCTION SYSTEMS

Total amount: 448800

Subject: /post-harvest systems/ /agricultural research/ /organization
of research/ /scientific cooperation/

Area of research: /South East Asia/

Grantee: International Development Research Centre (IDRC). Regional
Office for Southeast and East Asia, Singapore, SG

IDRC, TANGLIN P.O. BOX 101, SINGAPORE 9124, REPUBLIC OF
SINGAPORE

Project leader(s):

Co-funding agency: AUSTRALIAN DEVELOPMENT ASSISTANCE BUREAU (ADAB) CIDA
DIRECTORATE OF TECHNICAL ASSISTANCE, NETHERLANDS USAID

The Southeast Asian Cooperative Postharvest Research and Development Program (S.E.A. PHRAD) continues to be an integral part of Southeast Asia's development of new technology and improved scientific and technological expertise to reduce losses in national postharvest grains industries. S.E.A. PHRAD aims at developing post-production capability in five countries: Indonesia, Malaysia, the Philippines, Singapore, and Thailand. Phase III of this project will continue to identify problems affecting the postharvest systems; foster cooperation among interested parties for devising new and improved postharvest systems; strengthen institutional facilities; and provide information on post-production systems. During Phase III, increasing emphasis will be given to the problems of the maize and groundnut sectors while maintaining the rice sector as first priority.

IDRC Projects with CIDA

Title: SOUTH PACIFIC INFORMATION CENTRE (PIC)
Project no.: 3-P-82-0158 Division: IS -- INFRASTRUCTURE
DEVELOPMENT - NATIONAL AND REGIONAL SYSTEMS Total amount: 372000
Subject: /information services/ /information dissemination/ /research
results/ /bibliographies/ /publications/
Area of research: /Oceania/
Grantee: University of the South Pacific (USP), Suva, FJ
THE UNIVERSITY OF THE SOUTH PACIFIC, P.O. BOX 1168, SUVA,
FIJI
Project leader(s): WILLIAMS, ESTHER Ms
Co-funding agency: CIDA EUROPEAN ECONOMIC COUNCIL (EEC) JICA
Contribution: 180,000 110,990 44,000

The development process has been hampered on the islands of the South Pacific due to smallness in population size and vastness in area. One major difficulty facing these islands is their lack of mechanisms to share the results of research that could well be applied throughout the region. This project will establish at the regional level, a bibliographic centre to be called the Pacific Information Centre (PIC) and, at the country level, national focal points that will interact with PIC. Together, through a cooperative networking arrangement, they will serve as the information resource base for the region. The project will allow for sharing of information and access by the individual countries to the collective resource of publications arising from research activities in the region.

Title: INTERNATIONAL COUNCIL FOR RESEARCH IN AGROFORESTRY (ICRAF) - PHASE VI
Project no.: 3-P-82-0016 Division: AFNS -- FORESTRY Total amount: 150000
Subject: /agroforestry/ - /organization of research/
Area of research: /Global/
Grantee: INTERNATIONAL COUNCIL FOR RESEARCH IN AGROFORESTRY (ICRAF), NAIROBI, KE
Project leader(s):
Co-funding agency: CIDA FORD FOUNDATION GERMAN AGENCY FOR TECHNICAL COOPERATION (GTZ) GERMAN FUND FOR INTERNATIONAL DEVELOPMENT NATIONAL ACADEMY OF SCIENCES NETHERLANDS MINISTRY OF DEVELOPMENT SAREC SWEDISH INTERNATIONAL DEVELOPMENT AUTHORITY (SIDA) SWISS DEVELOPMENT COOPERATION USAID

Phase VI of this project will enable the International Council for Research in Agroforestry (ICRAF) to continue to sponsor and channel resources in agroforestry research and promote the adaptation, among developing countries, of the useful knowledge and systems derived from such research. For this phase of the project, ICRAF will focus on developing an understanding on the functions of agroforestry as land-use systems, and in so doing, build up a multi-disciplinary team of scientists.

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IDRC Projects with CIDA

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Title: INTERNATIONAL DEVELOPMENT OFFICE (1982-83)
Project no.: 3-P-81-1017 Division: CP -- LIAISON AND
INSTITUTIONAL SUPPORT Total amount: 46400
Subject: /scientific cooperation/ - /universities/ /organization of
research/
Area of research: /Global/
Grantee: International Development Office (IDO), Ottawa, Ont., CA
 International Development Office (IDO), 151 Slater, Ottawa,
 Ontario, Canada K1P 5N1
Project leader(s): OLIVER, MICHAEL Dr
Co-funding agency: CANADIAN ASSOCIATION OF UNIVERSITIES AND COLLEGES
(AUCC) CIDA
Contribution: 26,690 288,000

The Secretariat for International Development is composed of representatives from IDRC, the Canadian International Development Agency (CIDA), and the Association of Universities and Colleges of Canada (AUCC). It was created to foster cooperation among Canadian universities in the field of international development and to maintain links with universities in the Third World. The present project is a renewal of IDRC's financial support of the Secretariat's projects, including the publication of information about the Secretariat and a directory of Canadian universities which deal with development, the coordination of student exchanges, and the preparation of workshops and seminars.

IDRC Projects with CIDA

Title: Economic strategy (Tunisia) - Phase I

Project no.: 3-P-81-1015 Division: SS CP -- Cooperative Projects

Total amount: 284890

Subject: /economic policy/ /price policy/ /productivity policy/
/incomes policy/ /policy making/

Area of research: /Tunisia/

Grantee 03: University of Montreal, Montreal, Quebec, CA (A)

Amount: 199890

Centre de recherche en développement économique,
Université de Montréal, C.P. 6128, Montréal, Québec,
Canada H3C 3J7

Grantee 02: Institut d'économie quantitative Ali-Bach-Hamba, Tunis, TN
(B) Amount: 25000

Institut d'économie quantitative Ali-Bach-Hamba, 2 rue
Benghazi, Tunis, Tunisie

Project leader(s): (Institution A) Raynauld, André Mr (Institution
B) Zorgati, Nouri Mr

Co-funding agency: CIDA

Tunisia experienced rapid economic growth during the 70's, mainly as a result of growth in earnings from petroleum exports. Therefore, government revenues were highly buoyant during that time. However, during the coming decade, Tunisia will be forced to make significant changes in economic policy if the country is to continue to enjoy a rapid rate of economic growth. Oil resources are being depleted rapidly; there is a need for new sources of foreign exchange. The decline in petroleum exports will reduce the rate of growth in government earning. Tunisia's labour force will continue to expand rapidly during the coming decade; there is a pressing need for employment creation. The aim of this project is to help Tunisia develop an economic strategy by analyzing the impact of changes in policies on prices, productivity and incomes.

IDRC Projects with CIDA

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Project no.: 3-P-81-1015 Division: SS CP -- Cooperative Projects

Total amount: 284890

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/incomes policy/ /policy making/

Area of research: /Tunisia/

Grantee 03: University of Montreal, Montreal, Quebec, CA (A)

Amount: 199890

Centre de recherche en développement économique,
Université de Montréal, C.P. 6128, Montréal, Québec,
Canada H3C 3J7

Grantee 02: Institut d'économie quantitative Ali-Bach-Hamba, Tunis, TN

(B) Amount: 25000

Institut d'économie quantitative Ali-Bach-Hamba, 2 rue
Benghazi, Tunis, Tunisie (Institution A) Raynauld, André

Mr (Institution B) Zorgati, Nouri Mr

Co-funding agency: CIDA

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IDRC Projects with CIDA

Title: INSTITUTIONAL SUPPORT GRANT - PIIE (CHILE)

Project no.: 3-P-81-0111 Division: SS -- INTERNATIONAL, NATIONAL
AND REGIONAL RESEARCH INSTITUTIONS Total amount: 100000

Subject: /social research/ /educational research/ /organization of
research/

Area of research: /Chile/

Grantee: Academia de Humanismo Cristiano. Programa Interdisciplinario
de Investigación en Educación (PIIE), Santiago, CL

PROGRAMA INTERDISCIPLINARIO DE INVESTIGACION EN EDUCACION
(PIIE), SANTIAGO, CHILE

Project leader(s): GARRETON, MANUEL ANTONIO Mr

Co-funding agency: AHC BELGIUM CATHOLIC ASSOCIATION CCUDP CIDA CORBPAN
FORD FOUNDATION FRENCH CATHOLIC ASSOCIATION INTERAMERICAN FOUNDATION
NOVIB WORLD COUNCIL OF CHURCHES

Contribution: 9,500 5,900 70,660 91,098 30,000 62,250 273600
14844 102078 33340

The objectives of the Interdisciplinary Program for Research in Education (PIIE) are to study the relationships between education and the distribution of social opportunities in Latin America, to examine the major effects of this relationship on individuals and groups, and to suggest solutions to the problem of unequal distribution of opportunities. The objective of this project is to support the research program of PIIE by providing an institutional support grant. Funds provided through this project will provide salary support for staff, and permit the dissemination of research results and the improvement of library services.

Title: THE FUTURES SECRETARIAT

Project no.: 3-P-81-0046 Division: SPA Total amount: 57710

Subject: /information dissemination/ /international cooperation/

Area of research: /Global/

Grantee: Futures Secretariat, Toronto, Ont., CA

Project leader(s): Swinton, Kurt Mr MacDonald, David Mr

Co-funding agency: CIDA

The Futures Secretariat is a nonprofit organization created to increase the awareness of Canadians about international development. This project will help the Futures Secretariat become established and will assist in its initial operations. The Secretariat will carry out a broad range of activities, such as organizing events and services to involve individuals and groups in development issues; provide information and educational services to stimulate interest in North-South issues; encourage greater participation of the media in publicizing North-South issues; organize conferences and workshops; and maintain contact with government and non-governmental organizations engaged in development.

IDRC Projects with CIDA

Title: INTERNATIONAL COUNCIL FOR RESEARCH IN AGROFORESTRY (ICRAF) - PHASE V

Project no.: 3-P-81-0016 Division: AFNS -- FORESTRY Total amount: 300000

Subject: /agroforestry/ - /organization of research/

Area of research: /Global/

Grantee: INTERNATIONAL COUNCIL FOR RESEARCH IN AGROFORESTRY (ICRAF), NAIROBI, KE

IDRC, P.O. BOX 8500, OTTAWA, ONTARIO, CANADA K1G 3H9

Project leader(s):

Co-funding agency: CIDA MINISTRY OF FOREIGN AFFAIRS (NETHERLANDS)

SWISS DEVELOPMENT CORPORATION GERMAN AGENCY FOR TECHNICAL COOPERATION (GTZ)

Phase V of this project will enable the International Council for Research in Agroforestry (ICRAF) to continue to sponsor and channel resources in agroforestry research and promote the adaptation, among developing countries, of the useful knowledge and systems derived from such research.

Title: Canadian Area-Specific Learned Societies - 1981-1982 (CAAS) - Phase IV

Project no.: 3-P-80-0061 Division: SS -- SCIENCE AND TECHNOLOGY POLICY Total amount: 66500

Subject: /scientific cooperation/ - /organization of research/

Area of research: /Global/

Grantee: CANADIAN ASSOCIATION OF AFRICAN STUDIES (CAAS), OTTAWA, ONTARIO, CA

CANADIAN ASSOCIATION OF AFRICAN STUDIES (CAAS), DEPARTMENT OF GEOGRAPHY, CARLETON UNIVERSITY, OTTAWA, ONTARIO, CANADA

Project leader(s): MCCORMACK, ROBERT L. Mr

Co-funding agency: CIDA SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL
Contribution: 28,100 27,472

The objectives of the learned societies are to achieve linkages among researchers, foster relations between Canadians and developing-country scholars, and help Canadians better understand developing countries. This contribution will enable the Canadian Association of African Studies (CAAS) to pursue activities such as travel support for African visiting scholars and researchers and for African students to attend the Annual Meeting of CAAS, the publication and distribution of the newsletters in Canada and Africa, and distribution in Africa of the Canadian Journal of African Studies.

IDRC Projects with CIDA

Title: International Council for Research in Agroforestry (ICRAF) - Phase IV

Project no.: 3-P-80-0032 Division: AFNS -- FORESTRY Total amount: 300000

Subject: /agroforestry/ - /organization of research/

Area of research: /Global/

Grantee: INTERNATIONAL COUNCIL FOR RESEARCH IN AGROFORESTRY (ICRAF), NAIROBI, KE

AGRICULTURE, FOOD AND NUTRITION SCIENCES DIVISION, IDRC,
P.O. BOX 8500, OTTAWA, ONTARIO, CANADA K1G 3H9

Project leader(s):

Co-funding agency: CIDA NETHERLANDS SWITZERLAND

Phase IV of this project will enable the International Council for Research in Agroforestry (ICRAF) to continue to sponsor and channel resources in agroforestry research and promote the adaptation, among developing countries, of the useful knowledge and systems derived from such research.

Title: TECHNINET Asia - Phase III

Project no.: 3-P-79-0151 Division: IS -- INFORMATION FOR DEVELOPMENT -- INDUSTRIAL INFORMATION Total amount: 488196

Subject: /industrial extension/ - /technical information/ /information services/

Area of research: /Asia/

Grantee: Asian Network for Industrial Technology Information and Extension (TECHNINET ASIA), Singapore, SG

TECHNINET ASIA, IDRC, TANGLIN P.O. BOX 101, SINGAPORE 9124,
REPUBLIC OF SINGAPORE

Project leader(s): CHICO, LEON Dr

Co-funding agency: CIDA

The TECHNINET project was intended to demonstrate how existing solutions could be applied to factory problems through extension and the sharing of resources in the Asian region. During phases I and II, considerable experience was gained in building up the capacities of the participating organizations to provide technical advice to smaller factories in particular. Phase III will assist in the firm establishment of TECHNINET Asia as a fully independent entity, promote the interchange of experiences among the various participants, train industrial extension officers, conduct surveys on priority industries, continue the publication of TECHNINET Newsletter and Digest, improve question-and-answer services, and assist local entrepreneurs.

IDRC Projects with CIDA

Title: International Development Office (Institutional Support)
Project no.: 3-P-79-0148 Division: CP -- LIAISON AND
INSTITUTIONAL SUPPORT Total amount: 60000
Subject: /scientific cooperation/ /organization of research/
Area of research: /Global/
Grantee: International Development Office (IDO), Ottawa, Ont., CA
International Development Office (IDO), 151 Slater, Ottawa,
Ontario, Canada K1P 5N1
Project leader(s): OLIVER, MICHAEL Dr
Co-funding agency: CIDA

The Secretariat for International Development was founded to encourage the exchange of information between Canadian and developing country universities, develop proposals for strengthening Canadian university resources, to better inform universities regarding the needs of developing countries, and to report on any problems between universities and international development agencies. IDRC's contribution will enable the Secretariat to finance communications, studies and publications, workshops, and contacts at national and international levels.

Title: Postharvest Systems Research and Development (Southeast Asia) - Phase II
Project no.: 3-P-79-0139 Division: AFNS -- POST PRODUCTION SYSTEMS
Total amount: 350000
Subject: /post-harvest systems/ /rice/ /agricultural extension/
/organization of research/ /institution building/
Area of research: /South East Asia/
Grantee: South-East Asian Regional Centre for Graduate Study and
Research in Agriculture (SEARCA), Los Banos, PH
SOUTHEAST ASIAN REGIONAL CENTRE FOR GRADUATE STUDY AND
RESEARCH IN AGRICULTURE (SEARCA), LOS BANOS, PHILIPPINES.
Project leader(s):
Co-funding agency: AUSTRALIAN DEVELOPMENT ASSISTANCE BUREAU (ADAB) CIDA
DIRECTORATE OF TECHNICAL ASSISTANCE (DTH NETHERLANDS) USAID GERMAN
AGENCY FOR TECHNICAL COOPERATION (GTZ)

The Southeast Asia Cooperative Postharvest Research and Development Program aims at developing postproduction capability in five countries: Indonesia, Malaysia, the Philippines, Singapore, and Thailand. Phase II of this project will continue to identify problems affecting the postharvest systems; foster cooperation among governments, scientists, and technologists of the region for devising new and improved postharvest systems; strengthen institutional facilities to adopt systems appropriate to the needs of the countries; and provide information on postproduction systems by disseminating available knowledge on research and development conducted by institutions, agencies, and organizations in the countries.

IDRC Projects with CIDA

Title: International Development Office
Project no.: 3-P-79-0048 Division: CP -- LIAISON AND
INSTITUTIONAL SUPPORT Total amount: 30000
Subject: /international cooperation/ /development centres/
/universities/ /information exchange/ /organization of research/
Area of research: /Global/
Grantee: INTERNATIONAL DEVELOPMENT OFFICE, OTTAWA, ONTARIO, CA
SECRETARIAT POUR LE DEVELOPPEMENT INTERNATIONAL, 151, RUE
SLATER, OTTAWA, ONTARIO, K1P 5N1
Project leader(s): OLIVER, MICHAEL Dr
Co-funding agency: CIDA

The International Development Office is a committee composed of representatives from the Canadian International Development Agency (CIDA), IDRC, and the Association of Colleges and Universities of Canada (AUCC). The objective of this project is to allow the Secretariat to continue its functions of simplifying information exchanges between Canadian universities interested in international development and the corresponding organizations in developing countries, coordinating and strengthening the reserves of Canadian universities, and strengthening the ties between Canadian and Third World countries.

Title: International Council for Research in Agroforestry (ICRAF) - Phase III
Project no.: 3-P-79-0043 Division: AFNS -- FORESTRY Total amount: 300000
Subject: /agroforestry/ /research programmes/ /forestry research/ /farming systems/
Area of research: /Global/
Grantee: INTERNATIONAL COUNCIL FOR RESEARCH IN AGROFORESTRY (ICRAF), NAIROBI, KE
AGRICULTURE, FOOD AND NUTRITION SCIENCES DIVISION, IDRC,
P.O. BOX 8500, OTTAWA, CANADA, K1G 3H9
Project leader(s):
Co-funding agency: CIDA NETHERLANDS SWITZERLAND

The International Council for Research in Agroforestry (ICRAF) was established to sponsor and channel resources into agroforestry research and to promote the adaptation, among developing countries, of the useful knowledge and systems derived from such research. An international group of scientists constitutes the Council; a workshop consisting of 25 soil scientists and an international conference on international cooperation in agroforestry have been convened. Other working groups and conferences are under consideration. This project will provide ICRAF with funds to continue its activities.

IDRC Projects with CIDA

Title: Research Development in the Sahel (Africa) - Phase II
Project no.: 3-P-78-0108 Division: SPA -- LIAISON AND
INSTITUTIONAL SUPPORT Total amount: 149000
Subject: /sahel/ /organization of research/ /drought/ /arid zone/
Area of research: /Sahel/
Grantee: Institut du Sahel, Bamako, ML
INSTITUT DU SAHEL, B.P. 1530, BAMAKO, MALI
Project leader(s):
Co-funding agency: CIDA CLUB DES AMIS DU SAHEL AND CILSS UNDP USAID WHO
Contribution: 50,000 200,000 1,000,000 450,000 50,000

One of the most difficult development problems faced by the poorest Third World countries is the lack of infrastructures and personnel in the area of research. Adequate numbers of qualified personnel are needed to carry out extensive research programs. Phase I of this project made it possible to establish and launch the Institute of the Sahel. Phase II will define a policy for coordinating and supervising research and training projects in the Sahelian countries and establish, in practical terms, the orientation of the first research and training programs for researchers and technicians.

Title: North-South Institute - Phase II
Project no.: 3-P-78-0076 Division: SS -- INTERNATIONAL, NATIONAL
AND REGIONAL RESEARCH INSTITUTIONS Total amount: 300000
Subject: /international relations/ /policy making/ /development
research/ /international cooperation/ /organization of research/
Area of research: /Global/
Grantee: North-South Institute, Ottawa, Ont., CA
NORTH-SOUTH INSTITUTE, 185 RIDEAU ST. OTTAWA, ONTARIO
Project leader(s): WOOD, BERNARD Mr
Co-funding agency: CIDA DONNER CANADIAN FOUNDATION

The North-South Institute is an independent, nonprofit, nonpartisan organization that conducts policy-relevant research on important international development issues (industrial adjustment, Third World imports, debts, technology transfer, foreign investment, etc.). This project will enable the institute to evolve closer collaboration with developing country institutions in carrying out its research programs.

IDRC Projects with CIDA

Title: Canadian Area-Specific Learned Societies - 1979/1980 - Phase III
Project no.: 3-P-78-0072 Division: SS -- LIAISON AND
INSTITUTIONAL SUPPORT Total amount: 132000

Subject: /scientific cooperation/ /organization of research/

Area of research: /Global/

Grantee 02: Canadian Asian Studies Association (CASA), Ottawa, Ont.,
CA (B) Amount: 46160

CASA, Room 1321, Arts Tower, Carleton University, Ottawa,
Ontario, Canada K1S 5B6

Grantee 03: CANADIAN ASSOCIATION OF AFRICAN STUDIES (CAAS), OTTAWA,
ONTARIO, CA (C) Amount: 47560

CANADIAN ASSOCIATION OF AFRICAN STUDIES, DEPT. OF
GEOGRAPHY, UNIVERSITY OF WATERLOO, WATERLOO, ONTARIO, N2L
3G1

Grantee 04: CANADIAN ASSOCIATION OF LATIN AMERICAN AND CARIBBEAN
STUDIES (CALACS), OTTAWA, ONTARIO, CA (D) Amount: 38280

ASSOCIATION CANADIENNE DES ETUDES LATINO-AMERICAINES,
DEPARTEMENT D'HISTOIRE, UNIVERSITE DE MONTREAL, MONTREAL,
QUEBEC, H3T 1J4

Project leader(s): (Institution B) TEPPER, ELLIOT Mr (Institution
C) BULLOCK, R.A. Prof (Institution D) MORIN, CLAUDE Mr

Co-funding agency: CANADA COUNCIL CIDA

Over the past few years, IDRC has been providing grants to support a national secretariat, a regular newsletter, and travel for the professionals of Canadian learned societies for African, Asian, and Latin American studies. This project will continue to provide these societies with funds in order to promote professional development of scholars concerned with development.

IDRC Projects with CIDA

Title: Canadian Area-Specific Learned Societies - 1979/1980 - Phase III
Project no.: 3-P-78-0072 Division: SS -- LIAISON AND
INSTITUTIONAL SUPPORT Total amount: 132000

Subject: /scientific cooperation/ /organization of research/

Area of research: /Global/

Grantee 02: Canadian Asian Studies Association (CASA), Ottawa, Ont.,
CA (B) Amount: 46160

CASA, Room 1321, Arts Tower, Carleton University, Ottawa,
Ontario, Canada K1S 5B6

Grantee 03: CANADIAN ASSOCIATION OF AFRICAN STUDIES (CAAS), OTTAWA,
ONTARIO, CA (C) Amount: 47560

CANADIAN ASSOCIATION OF AFRICAN STUDIES, DEPT. OF
GEOGRAPHY, UNIVERSITY OF WATERLOO, WATERLOO, ONTARIO, N2L
3G1

Grantee 04: CANADIAN ASSOCIATION OF LATIN AMERICAN AND CARIBBEAN
STUDIES (CALACS), OTTAWA, ONTARIO, CA (D) Amount: 38280

ASSOCIATION CANADIENNE DES ETUDES LATINO-AMERICAINES,
DEPARTEMENT D'HISTOIRE, UNIVERSITE DE MONTREAL, MONTREAL,
QUEBEC, H3T 1J4 (Institution B) TEPPER, ELLIOT Mr

(Institution C) BULLOCK, R.A. Prof (Institution D) MORIN, CLAUDE

Mr

Co-funding agency: CANADA COUNCIL CIDA

Over the past few years, IDRC has been providing grants to support a national secretariat, a regular newsletter, and travel for the professionals of Canadian learned societies for African, Asian, and Latin American studies. This project will continue to provide these societies with funds in order to promote professional development of scholars concerned with development.

IDRC Projects with CIDA

Title: Canadian Area-Specific Learned Societies - 1979/1980 - Phase III
 Project no.: 3-P-78-0072 Division: SS -- LIAISON AND
 INSTITUTIONAL SUPPORT Total amount: 132000

Subject: /scientific cooperation/ /organization of research/
 Area of research: /Global/

Grantee 02: Canadian Asian Studies Association (CASA), Ottawa, Ont.,
 CA (B) Amount: 46160
 CASA, Room 1321, Arts Tower, Carleton University, Ottawa,
 Ontario, Canada K1S 5B6

Grantee 03: CANADIAN ASSOCIATION OF AFRICAN STUDIES (CAAS), OTTAWA,
 ONTARIO, CA (C) Amount: 47560
 CANADIAN ASSOCIATION OF AFRICAN STUDIES, DEPT. OF
 GEOGRAPHY, UNIVERSITY OF WATERLOO, WATERLOO, ONTARIO, N2L
 3G1

Grantee 04: CANADIAN ASSOCIATION OF LATIN AMERICAN AND CARIBBEAN
 STUDIES (CALACS), OTTAWA, ONTARIO, CA (D) Amount: 38280
 ASSOCIATION CANADIENNE DES ETUDES LATINO-AMERICAINES,
 DEPARTEMENT D'HISTOIRE, UNIVERSITE DE MONTREAL, MONTREAL,
 QUEBEC, H3T 1J4 (Institution B) TEPPER, ELLIOT Mr
 (Institution C) BULLOCK, R.A. Prof (Institution D) MORIN, CLAUDE

Mr

Co-funding agency: CANADA COUNCIL CIDA

Over the past few years, IDRC has been providing grants to support a national secretariat, a regular newsletter, and travel for the professionals of Canadian learned societies for African, Asian, and Latin American studies. This project will continue to provide these societies with funds in order to promote professional development of scholars concerned with development.

Title: Rice Research (WARDA) - Phase II

Project no.: 3-P-78-0047 Division: AFNS -- CROPS AND ANIMAL
 PRODUCTION SYSTEMS Total amount: 682145

Subject: /rice/ /genetic improvement/ /plant breeding/ /cultivation
 systems/ /cultivation practices/

Area of research: /Senegal/

Grantee: WEST AFRICA RICE DEVELOPMENT ASSOCIATION (WARDA), MONROVIA,
 LR

A/S ASSOCIATION POUR LE DEVELOPPEMENT DE LA RIZICULTURE EN
 AFRIQUE DE L'OUEST (ADRAO), B.P. 29, RICHARD TOLL, SENEGAL

Project leader(s): Brandt, H. van Mr

Co-funding agency: BELGIUM CIDA

The West African Rice Development Association (WARDA) was created to assist in making West Africa self-sufficient in rice production. This project will aid WARDA in carrying out its objective by selecting and testing rice varieties for high yield, and resistance to disease, pests, and cold; and conducting a survey of the economic and agronomic practices and constraints of small rice growers in the Senegal River Valley.

IDRC Projects with CIDA

Title: International Council for Research in Agroforestry (ICRAF) - Phase II

Project no.: 3-P-78-0001 Division: AFNS -- FORESTRY Total amount: 300000

Subject: /agroforestry/ /research programmes/ /forestry research/ /shifting cultivation/ /reforestation/ /land use/

Area of research: /Global/

Grantee: INTERNATIONAL COUNCIL FOR RESEARCH IN AGROFORESTRY (ICRAF), NAIROBI, KE

AGRICULTURE, FOOD AND NUTRITION SCIENCES DIVISION, IDRC,
P.O. BOX 8500, OTTAWA, CANADA K1G 3H9

Project leader(s): BENE, J. Dr

Co-funding agency: CIDA HOLLAND SWITZERLAND UNEP

Agroforestry is a land management system integrating food, forest, and animal crops. This grant will aid ICRAF to research ways in which agroforestry can improve farming systems, pastoral and cropping management systems, and improve degraded land. ICRAF will continue to provide documentation services and maintain data on soil studies, multipurpose trees, fuelwood production, and forestry education and training.

Title: Rural Health and Family Planning (Haiti) - Phase II

Project no.: 3-P-77-0098 Division: HS -- Maternal and Child Health Total amount: 111600

Subject: /health services/ - /evaluation/ /family planning/ /nutrition/ /maternal and child health/

Area of research: /Haiti/

Grantee: Haiti, Dépt. de la santé publique et de la population, Port-au-Prince, HT

DIVISION D'HYGIENE FAMILIALE, B.P. 430, PORT-AU-PRINCE, HAITI

Project leader(s): BORDES, ARY Dr

Co-funding agency: BROT FUR DIE WELT CIDA

Haiti's Ministry of Health and Family Health Branch, has been conducting an experimental primary health project with an emphasis on the improvement of health conditions, training of personnel for primary health care programs, and the field of public health, including related sociological and demographic studies. In the first 3 years, the project carried out most of its training, promotion, service, and research activities. The objectives of phase II are to continue the delivery of health services, conduct a last census round, process and analyze the results of phase I, and publish all findings.

IDRC Projects with CIDA

Title: Tropical Diseases Research (Global) - Phase II
Project no.: 3-P-77-0061 Division: HS -- Tropical and Infectious Diseases
Total amount: 200000
Subject: /disease control/ /tropical diseases/ /organization of research/ /diagnosis/ /medical care/
Area of research: /Global/
Grantee: WORLD HEALTH ORGANIZATION (WHO), GENEVA, CH
SPECIAL PROGRAMME FOR RESEARCH AND TRAINING IN TROPICAL DISEASES, WORLD HEALTH ORGANIZATION (WHO), 1211 GENEVA 27, SWITZERLAND
Project leader(s): LUCAS, A.O. Dr
Co-funding agency: AUSTRIA BELGIUM CIDA DENMARK IRAQ NETHERLANDS NIGERIA ROMANIA SIDA UNITED KINGDOM

The World Health Organization (WHO) Special Programme for Research and Training in Tropical Diseases formed Scientific Working Groups on all aspects of malaria and leprosy treatment and prevention; biological control of filariasis; biological control of disease carriers; and the incidence, distribution, and control of the various diseases. Plans are now under way to study trypanosomiasis (African and South American types) and leishmaniasis. The objectives of this project are to continue support for the Special Programme to develop new tools for the prevention, diagnosis, and treatment of tropical diseases and to provide training in biomedical sciences.

Title: Research Development in the Sahel (Africa) - Phase I
Project no.: 3-P-76-0180 Division: SPA -- LIAISON AND INSTITUTIONAL SUPPORT
Total amount: 216000
Subject: /organization of research/ /sahel/ /drought/ /arid zone/
Area of research: /Sahel/
Grantee: Comité permanent inter-Etats de lutte contre la sécheresse dans le Sahel (CILSS), Ouagadougou, BF
B.P. 7049, OUAGADOUGOU, HAUTE-VOLTA
Project leader(s):
Co-funding agency: CIDA CLUB DES AMIS DU SAHEL (OCDE) USAID

The Permanent Inter-Governmental Committee to Combat Drought in the Sahel (CILSS) is a body of eight Sahelian countries, formed to combat the drought problem in the Sahel by developing research and training procedures. This project, through the CILSS Secretariat, will enable countries of the Sahel to define research and training policies and to establish practical terms for the future Institute of the Sahel, which will have its headquarters in Bamako.

IDRC Projects with CIDA

Title: International Education Reporting Service - Phase II
Project no.: 3-P-76-0167 Division: IS -- INFORMATION FOR
DEVELOPMENT -- EDUCATIONAL INFORMATION Total amount: 90000
Subject: /information services/ /educational innovations/ /educational
reforms/ /educational research/ /data collecting/ /information
dissemination/
Area of research: /Global/
Grantee: United Nations Educational, Scientific and Cultural
Organization (Unesco). International Bureau of Education, Geneva, CH
UNESCO INTERNATIONAL BUREAU OF EDUCATION PALAIS WILSON,
CH-1211 GENEVA 14
Project leader(s):
Co-funding agency: CIDA FORD FOUNDATION ODA (UK) SIDA UNICEF USAID

In 1974, with the financial assistance of IDRC, the International Bureau of Education (IBE) launched the International Educational Reporting Service (IERS) in order to improve the information about new educational findings. The IERS publishes three printed series: a Bibliographic Awareness list, the Innovation Newsletter, and a series of studies on education research topics. These publications have been sent to libraries and educational institutions in developing countries in order to keep them abreast of innovations in the field of education. In this second phase the IERS expanded the documentary data base, located existing but unpublished information, and continued the publication of existing products and services under the IDRC project 740028.

Title: Tropical Diseases Research (Global) - Phase I
Project no.: 3-P-76-0095 Division: HS -- Tropical and Infectious
Diseases Total amount: 500000
Subject: /disease control/ /tropical diseases/ /organization of
research/
Area of research: /Global/
Grantee: WORLD HEALTH ORGANIZATION (WHO), GENEVA, CH
WORLD HEALTH ORGANIZATION (WHO), SPECIAL PROGRAMME FOR
RESEARCH AND TRAINING IN TROPICAL DISEASES, 1211 GENEVA,
SWITZERLAND
Project leader(s): LUCAS, A.O. Dr
Co-funding agency: AUSTRIA BELGIUM CIDA NETHERLANDS NORWAY SWEDEN UNDP
UNITED KINGDOM ZAMBIA

In the past, very little research has been undertaken in the area of parasitic diseases. There is no vaccine available at present to protect human populations from parasitic disease. The Special Programme developed by the World Health Organization (WHO) has focused on malaria, schistosomiasis, filariasis, trypanosomiasis, leprosy, and leishmaniasis. These are the major human parasitic infections encountered in tropical zones, and all are widespread and can affect any member of a community. The objective of this project is to develop new tools for the prevention, diagnosis, and treatment of tropical diseases.

IDRC Projects with CIDA

Title: CAAS - National Secretariat - Phase II
Project no.: 3-P-76-0002 Division: SS -- LIAISON AND
INSTITUTIONAL SUPPORT Total amount: 53680
Subject: /scientific cooperation/ /organization of research/
Area of research: /Global/
Grantee: CANADIAN ASSOCIATION OF AFRICAN STUDIES (CAAS), OTTAWA,
ONTARIO, CA
/CANADIAN ASSOCIATION OF AFRICAN STUDIES, DEPARTMENT OF
GEOGRAPHY, CARLETON UNIVERSITY, OTTAWA, CANADA K1S 5B6
Project leader(s): TAYLOR, D.R.F. Dr
Co-funding agency: CANADA COUNCIL CIDA SECRETARY OF STATE DEPT.

During phase I of this project the Canadian Association of African Studies (CAAS) established a national office in Ottawa for coordination of its activities and communications between scholars and institutions in Africa and Canada. CAAS has established its Newsletter as an ongoing information outlet and publishes the Canadian Journal of African Studies. The objective of phase II is to maintain the CAAS Secretariat in Ottawa as a coordinating centre for its program of providing links between Africa and Canada.

Title: CALAS - National Secretariat - Phase II
Project no.: 3-P-75-0118 Division: SS -- LIAISON AND
INSTITUTIONAL SUPPORT Total amount: 57750
Subject: /scientific cooperation/ /organization of research/
Area of research: /Global/
Grantee: Canadian Association of Latin American Studies (CALAS),
Ottawa, Ont., CA
DEPARTMENT OF SPANISH, CARLETON UNIVERSITY, OTTAWA, ONTARIO
K1S 5B6
Project leader(s): URRELLO, ANTONIO Mr
Co-funding agency: CANADA COUNCIL CIDA SOCIAL SCIENCE RESEARCH COUNCIL
OF CANADA

Phase I of this project enabled the Canadian Association for Latin American Studies (CALAS) to establish a national office as a central base of communications between scholars and institutions in Latin America, Canada, and the Caribbean. Involvement of scholars and researchers has led to academic exchanges between universities as well as invitations to Latin American scholars to seminars and conferences in Canada. Phase II will permit CALAS to continue and build upon the established systems and activities set in motion for the stimulation of productive contacts between Canadian and Latin American scholars.

IDRC Projects with CIDA

Title: Cassava Microbiology (Guelph) - Phase I
Project no.: 3-P-75-0094 Division: AFNS -- CROPS AND ANIMAL
PRODUCTION SYSTEMS Total amount: 7500
Subject: /feed/ /cassava/ /microbiology/ /genetic improvement/ /feed
production/
Area of research: /Global/
Grantee: University of Guelph. Department of Microbiology, Guelph,
Ontario, CA
Dept. of Microbiology, University of Guelph, Guelph, Ontario
Canada N1G 2W1
Project leader(s): Gregory, K.F. Dr
Co-funding agency: CIDA

Collaborating research teams at the University of Guelph and CIAT
(International Centre for Tropical Agriculture) have developed species
of fungi capable of converting cassava starch and inorganic nitrogen
into microbial protein for use as low-cost animal feed. This project
will enable the research teams to continue research on the development
of this animal feed and to design an efficient low-cost device for
harvesting the cassava fungal biomass.

Title: Postharvest Systems Research and Development (Southeast Asia) -
Phase I
Project no.: 3-P-75-0073 Division: AFNS -- POST PRODUCTION SYSTEMS
Total amount: 302000
Subject: /post-harvest systems/ /rice/ /food production/ /information
exchange/ /organization of research/ /institution building/
Area of research: /South East Asia/
Grantee: INTERNATIONAL DEVELOPMENT RESEARCH CENTRE (IDRC), OTTAWA, CA
SOUTHEAST ASIAN REGIONAL CENTRE FOR GRADUATE STUDY AND
RESEARCH IN AGRICULTURE (SEARCA), LOS BANOS, PHILIPPINES.
Project leader(s):
Co-funding agency: CIDA USAID
Contribution: 150,000 150,000

Reducing food losses that occur between harvest and consumption is an
important means of increasing food supplies -- estimates of
postharvest food losses in developing countries are in the range of
tens of millions of tonnes per year. The objectives of this project
are to promote cooperation in and coordination of postharvest research
and development programs among countries having related problems, to
enhance collaborative support for such research and development, and
to provide a means to simplify the collection and transfer of
available knowledge among appropriate institutions and organizations
in the Southeast Asian region.

IDRC Projects with CIDA

Title: International Education Reporting Service - Phase I
Project no.: 3-P-74-0028 Division: IS -- INFORMATION FOR
DEVELOPMENT -- EDUCATIONAL INFORMATION Total amount: 130000
Subject: /information services/ /education/ /information processing/
/information dissemination/ /educational reforms/ /educational
planning/
Area of research: /Global/
Grantee: International Bureau of Education (IBE), e, CH
THE INTERNATIONAL BUREAU FOR EDUCATION (IBE), UNESCO, PALAIS
WILSON, CH-1211, GENEVE 14, SWITZERLAND
Project leader(s): FERNIG, LEO Mr
Co-funding agency: CIDA FORD FOUNDATION ODA SIDA UNESCO-IBE UNICEF
USAID

The objective of this project was to establish the International Education Reporting Service (IERS) that would identify, collect, process, and disseminate information about new discoveries in education and, at the same time, sponsor new studies to fill gaps in existing documentation. Under project 760167 IERS was granted a second phase of funding to expand its documentary data base, locate existing but unpublished information, and continue the publication of existing products.

Title: Winter Triticale (Guelph) - Phase I
Project no.: 3-P-74-0026 Division: AFNS -- CROPS AND ANIMAL
PRODUCTION SYSTEMS Total amount: 15000
Subject: /triticale/ /plant breeding/ /genetic improvement/ /climatic
influence/ /crop yield/
Area of research: /Global/
Grantee: University of Guelph. Department of Crop Science, Guelph,
Ontario, CA
Dept. of Crop Science, University of Guelph, Guelph, Ontario
Canada N1G 2W1
Project leader(s): Reinbergs, E. Dr
Co-funding agency: CIDA

Recent research at Guelph indicates that winter triticale has higher yield potential than spring triticale, as is the case with other cereal species. At present, researchers are developing crosses between winter and spring triticales to combine the best genes of the two types and create greater genetic diversity. The objective of this project is to grow and select the highest yielding winter triticales.

IDRC Projects with CIDA

Title: Rice Research (WARDA) - Phase I
Project no.: 3-P-73-0145 Division: AFNS -- CROPS AND ANIMAL
PRODUCTION SYSTEMS Total amount: 410000
Subject: /rice/ /crop yield/ /plant breeding/ /genetic improvement/
/cultivation systems/ /water management/ /irrigation/ /soil fertility/
/pest control/
Area of research: /West Africa/
Grantee: WEST AFRICA RICE DEVELOPMENT ASSOCIATION (WARDA), MONROVIA,
LR

A/S ASSOCIATION POUR LE DEVELOPPEMENT DE LA RIZICULTURE EN
AFRIQUE DE L'OUEST (ADRAO), B.P. 29, RICHARD TOLL, SENEGAL
Project leader(s): Brandt, M.H. van Mr
Co-funding agency: BELGIUM CGIAR CIDA SENEGAL

The West African Rice Development Association (WARDA) was created to make West Africa self-sufficient in rice production. The demand for rice exceeds its production so expensive annual imports are required. The objectives of this project are to enable WARDA to prepare a rice-research field site and install appropriate irrigation facilities at the site.

Title: Cassava Information Centre - Phase I
Project no.: 3-P-72-0107 Division: IS -- INFORMATION FOR
DEVELOPMENT -- AGRICULTURE * Total amount: 57500
Subject: /information services/ /cassava/ /thesaurus/ /bibliographies/
/information processing/
Area of research: /Global/
Grantee: Centro Internacional de Agricultura Tropical (CIAT), Cali, CO
CENTRO INTERNACIONAL DE AGRICULTURA TROPICAL, CALI, COLOMBIA
Project leader(s):
Co-funding agency: CIDA

This project establishes a specialized information centre on cassava to serve the growing network of research institutions working on this crop. Although several bibliographies exist, they lack annotations or an indication of document availability. The objectives of the project are to collect reproducible copies of all known cassava literature, establish a document storage and retrieval system, provide abstracts, and publish a bibliography as the first step toward an ongoing information centre.