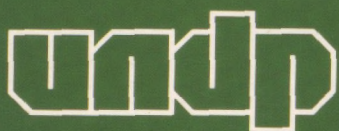
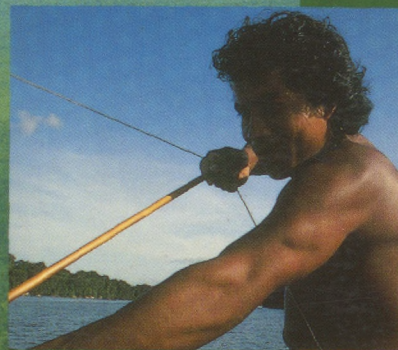


Iwokrama

RAIN FOREST
PROGRAMME



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The Iwokrama Rain Forest Programme has moved from the stage of an idea to that of implementation.

This Programme is intended to be a truly international one. The United Nations Development Programme, the Commonwealth Secretariat and the Government of Guyana are jointly involved in creating the best conditions for the involvement of scientists from institutions in various parts of the world to participate in an exercise which promises to be most exciting and rewarding. I am highly impressed with the very great work done by Dr M.S. Swaminathan and his Expert Group in preparing an excellent framework for the Programme which allows for a Wilderness Reserve, for management on a sustainable basis to yield economic benefits to the people of Guyana, for research and training, and for the promotion of environmental literacy and public education. The future of our planet and the quality of the lives of the people who inhabit it are linked to these ideals embodied in the Programme, and I eagerly look forward to the successful implementation of its various aspects at every stage.

CHEDDI JAGAN
PRESIDENT OF GUYANA

The Iwokrama Rain Forest Programme was launched under the Commonwealth's auspices. I am delighted that its first research and training projects, which are being inaugurated in the International Year for the World's Indigenous Peoples, will directly involve Guyanese Amerindian communities and benefit from their ecological prudence and conservation practices. The ancient yet eternally relevant Amerindian ethic of living in harmony with nature is central to the Programme. Through research, training and other projects, it will try to find practical ways of conserving and sustainably utilising rain forest resources which will be of benefit not only to Guyana, but to the world at large. The Commonwealth looks forward to working in partnership with the Government and people of Guyana, the United Nations Development Programme and the Global Environment Facility, and other international and national partners, to make Iwokrama an exemplary model for environmentally sustainable development.

EMEKA ANYAOKU
COMMONWEALTH SECRETARY-GENERAL

UNDP is proud to assist the innovative Iwokrama Programme through its participation in the Global Environment Facility (GEF). This Programme is truly a microcosm of all the challenges we face in translating the concept of sustainable development into concrete action. Strengthening developing countries' environmental management and transfer of technology capacities is UNDP's main role in the GEF, a fund which UNDP manages together with the World Bank and the United Nations Environment Programme (UNEP).

The Iwokrama Programme is a fine example of how national and Commonwealth efforts, together with the post-UNCED arrangements, can come together in novel and synergetic ways. The close involvement of Amerindian communities and of many scientific institutions in Guyana in project design and implementation is further evidence that in order for development to become truly sustainable, it needs to be an inclusive process. UNDP is pleased to be able to participate in such a sustainable process.

WILLIAM H. DRAPER III
ADMINISTRATOR
UNITED NATIONS DEVELOPMENT PROGRAMME

5 May, 99

(1)

Iwokroma International Centre for Rain Forest
Conservation and Development

George Town.

Fourth Meeting of the Board of Trustees

~~5 Feb~~ Wednesday, 5th May, 99

(1) Welcome: To all Trustees

Dame Veronica Sutherland

Dr Henrique Cavalcanti

Dr Angela Cropper, incoming chair

Dr Sydney Alicod, chair, North Kynsion District Development Board.

(2) Leave & absence

Dr Christina Amoako Nwama.

Dr Wakako Hironaka.

Dr B. C. Y. Freezaillah.

Fr. Malcolm Rodriguez.

(3) Tribute to Sir Humphrey Mandi

(4) Chief Emeke Anyaoku, Commonwealth

Secretary General and Member of the

World Commission on Forests and Sustainable

Development. He with the then President

Desmond Hoyte announced the Iwokroma

Project on June 7, 1992 at Rio de Janeiro

(5) Tribute to late Dr Cheddi Jagan.

Laid the Foundation for the Building

Inaugurated the first meeting of the Regular

Board on January 13, 97 at George Town

(2)

Inaugural address of Dr Cheddi Jagan

at the first meeting of the Board on January 13, 1977

- Nearly 60% of Guyanese population remain below the poverty line.
over 60% of farms are below 2 ha in size. The Nation spends over 50% of revenues and 30% of foreign exchange earnings on debt servicing.
- Forests constitute the most important natural resource of Guyana. The Imokrama project should show how conservation, sustainable use and equitable sharing of benefits can all be mutually reinforcing.
- Globalisation and liberalization lead to job destruction with particular reference to small industries. Imokrama should show how jobs can be created in a sustainable manner through eco-sylviculture, eco-tourism, eco-mining etc.
- The enormous biodiversity wealth of Guyana should confer economic benefits to the people.
- Special attention should be given to the Amerindian community, who should be trained to become Forest rangers and managers.

- (6) Tribute to David Cassels: difficult period. Thanks to the World Bank and Government of Australia
- (7) Thanks to Navin Chandrapal, Mr. Clement Rhee, Mr. Victor de Souza, Fr. Malcolm Rodriguez and Vice-Chancellor of the University of Guyana
- (8) Programme Committee Meeting on Tuesday, May 4

Iwokrama's Mission Statement

Iwokrama Int. Centre for Rain forest Conservation and Development Act, which came into force on 7 May, 1996

To undertake research, training and the development of technologies which will promote the conservation and the sustainable and equitable use of tropical rain forests in a manner that will lead to lasting ecological, economic and social benefits to the people of Guyana and to the world in general.

Iwokrama is an exciting scientific and social adventure into developing methodologies for converting CBJ, climate convention and the recommendations of the World Commission on Forests and Sustainable Development into reality

Dame Veronica Sutherland: West Africa needs attention

B. Persaud: Poverty & unemployment are going down

Mr. Doorga Persaud - Head of C NRA

Mr. James Singh, Chair of Biodiversity Advisory Committee

Annual Report (Decadal Report)

1999 - 99 Historical perspective

Senior Staff, Dr Gary Human Resource Development specialist

Dr Bruce Aylward: Environmental Economist

Dr David Hugel GIS Specialist -
Forester who is using GIS

Dr Graham Watkins: wild life Biologist

Dr David Hammond, Principal Forest Ecologist

Mr Nigel Hyde: Account
Sticer (5)

Strengthening linkages with local institutions
and communities.

Leadership in ^{sustainable} Rainforest Management

on the lines of the Rockefeller
Foundation's LEAD programme,
(Dr Julia Norton Lefevre).

Zoning for different purposes is
nearly complete.

Dr Gordon Conway to be invited
to deliver the Foundation Day
lecture

Milenium Lecture

Mr Don Dentz - Crawford Fund

Minimum Core need:

Director General	\$ 140,000	-
Board expenses	\$ 60,000	-
Other core expenses	50,000	-
	\$	<u>250,000</u>

Core base headquarters

~~Heads~~

(6)

~~W. Vogel ~~Heads~~ ~~Heads~~ - Accounts Office~~

Headquarters Building - S. I. Mellin

Programme funding available upto 2001

Consult: Don Mentz of the Crawford Fund

Role of private sector - the Inokrama

Foundation in USA

Consult: Peter Raven of the Missouri Botanical Garden

Group consisting of Dame Veronica, Angela Cropper and David Cassels to prepare a paper.

Inokrama is like a land grant institution

Commercial side of operations

Income from Inokrama

- Market driven micro-enterprises for the community
- Sustainable use of forests for the centre

(7)

1999 Work Plan and Budget

Work Plan: Means to an end.

Five Programme Areas - Cross-cutting themes
Horizontal dimensions

Tayloring

Mainstreaming Gender considerations into the project

Linking Improvements with the local community ~~with~~ through Information stops linkages - strength - main awareness.

Four to cover

Meaningful interaction with stakeholders.

Programme Areas

1. Sustainable Management of the Tropical Rain forest.
2. Conservation and utilization of Biodiversity
3. Sustainable Human Development.
4. Forest Research.
5. Information and Communication.

Programme Areas 4 & 5 are cross-cutting

Work Plan for 1999

P.A. 1. Sustainable Management of the Tropical Rain Forest

Themes: (a) Resource Surveys: Integrated National Resources Management Strategy

Imp. || (b) Zoning of the Iwokrama forest

- Wilderness preserve: 180,000 ha.
- Sustainable utilisation area: 180,000 ha
- Document the process of zoning

(c) Planning of the sustainable use area: No activities during 1999

|| (d) Business arrangements for Forest Management: International Workshop on Forest Concession allocation: for developing procedures for transparent, equitable and profitable commercial partnerships for forest utilisation in and beyond the year 2000.

(e) Supervision and control of forest utilisation

(f) Utilize the forest enterprise for demonstration, training and research

Theme (9) Ecotourism

The Burro and Essequibo rivers support sufficient number and species of sports fishes to attract speciality tourists

(b) Road Corridor planning and management

Develop a 3-year road corridor management plan; establish a Road Management Committee

(c) River Corridor planning and management

Regulation and inventory of the major river systems affecting Inokwana, i.e., the ~~Buro~~ Burro - Buro, Essequibo and the Siparuni

(d) Internal Forest Trail Planning and Management

(A) Boundary demarcation and patrolling

(B) Monitoring the impact of utilization

Programme Area 2.

Biodiversity and Biopartnerships

Conservation and utilization of Biodiversity

A wilderness preserve, covering approximately 180,000 ha of pristine rain forest, adequately protected to conserve the intrinsic value of its biodiversity and for scientific purposes.

a) Biodiversity inventories

b) Biodiversity prospecting

Bio prospecting specialist should be in position by September 99

(Bio - partnerships)

c) Management of the Wilderness Preserve

Biosphere Reserve or a World Heritage Site

- Gaps:
- Model building for biopartnerships based on Articles 8(j) and 15
 - Microbiological survey - (CBD)
 - Soil microflora and microfauna

(11)

Programme Area 3.

Sustainable Human Development

(a) Building the socio-economic effect
of forest utilization

↳ Participatory appraisal and
processes.

(c) Community environmental workers

Training of Forest Rangers

↳ Local institutions strengthening

The North Rupununi District Development
Board (NR DDB): Umbrella organization
for the 12 communities of the
North Rupununi

(e) Conservation contracts and alternative
income generation activities (wildlife
trading, biodiversity prospecting,
cassava production, sustainable timber
~~forest~~ harvest)

↳ Environmentally, economically and
socially sustainable malaria prevention
and control

g) Community training and capacity building

h) Ranger training

i) Strengthening national technical and professional education in forest ecology and management.

j) National and regional professional capacity building

k) Training individuals for abroad.

l) Environmental education and awareness

Gap:

Training of Eco-preneurs or Ecological entrepreneurs:

ISO 9000 & 14000 standards

Eco-labelling (ITTO)

Programme Area 4

Forest Research.

a) Research Policies

b) Intellectual Property Rights and Benefit Sharing.

3 consultants to work with the D.C.

c) Use of the Ecological resources by Amerindian Communities in and around Iwokrama

d) Development of non-
timber forest products

Medicinal plants (IFAD support,
+ IDRC)

e) Criteria and indicators for Sustainable
Forest Management

f) Development of reduced impact
logging systems

g) Applied regeneration and stand dynamics

(b) Economics of sustainable forest management

(c) Forest Policy and Collaborative management process.

Suggestions

• Development and use of a

Forest Capital Index. (WCFSI)

• Non-wood Forest products:

Medicinal plants (IFAD & IDRC)

• Gender Roles in Sustainable

Rainforest management

(Ford Foundation)

Programme Area 5

Information and Communication

- a) Development support communication with local communities
 - b) Development support communication with national stakeholders
 - c) Information management.
 - d) Dissemination of information and knowledge ~~to~~ management.
-

Suggestion. Knowledge centres for Sustainable Forest Management
to be operated by Amerindian women.

(16)

Institutional arrangements

(a) Governance

by Collaboration with national institutions and stakeholders

(c) Collaboration with the private sector

(d) Regional, Commonwealth and international collaboration.

Collaboration with Brazil

(Dr Cavalcanti)

General
Rules in
Gender and Forest Management
Women Rangers

Dana Veronica : Training of Eco-preneurs.

Gender roles

Commonwealth Knowledge network.

Bio partnerships

Angela Cropper : Essential activities should include outreach.

Doorga Persaud : Road & river corridor management.

David Carvels : CABI - Bioscience has seconded a scientist.

B. Persaud : Participatory Processes for National Stakeholders.

National Stakeholders' Advisory

Group of 30 members.

To build consensus & generate cooperation in dealing with sustainable management issues

National Stakeholders Advisory

Group of 30 members

Who should ~~the~~ set this up?

Co-sponsors : Govt. of Guyana
ANRA

North Rupunoni
District Board

Iwokrama
Biodiversity Advisory
Committee

Co-sponsors of the National
Stakeholders Advisory Group on
the model of CAIAP's Global
Forum.

2% national territory is
involved.

National Stakeholders' Group
Support Group to interact with
Iwokrama

Four govt. nominees - will serve
as the conduit

(19)

National Advisory Group for Iwokrama

National Stakeholders' Advisory Group for Iwokrama.

Inform

Involve

stakeholders

National ~~Stakeholders~~ Advisory Group
to be set up by the ^{President} ~~government~~ of
Guyana.

Terms of reference to be articulated
through MOU

Sydney Okico: Law governing the
rights of Amerindians, with reference to
use of the commonproperty resources -
eg, fishing. (demarkation of zones -
indigenous fishing, sports, commerce, etc.)

DA's salary package.

David Carrel: Contract ends on June 30.

\$ 100,000 - Salary

Benefits 90,000

Bank's benefit structure \$ 138,000 -

World Bank: will continue David's
secondment.

Cost sharing: Bank: 50%.

Contract. to be extended 2 years.

DFID

MacArthur Foundation

E-Mail

Ms. Sridhar

Thanks

Local Staff

~~Housing~~, education; Health, Housing
Leave package

22 1/2 % gratuity

Cost of living adjustment

in salarv against
Currency fluctuation

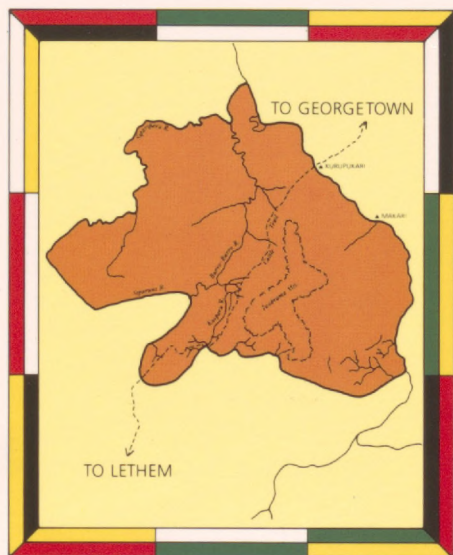
Dollar salary - in rupees

1 US\$ = 148 Rs

Now 1 US\$: 170 Rs

Salaries were fixed at the rate

Staff benefits.



The Iwokrama Rain Forest Programme was launched by the Government of Guyana under the Commonwealth's auspices. The Government and people of Guyana have reserved 360,000 hectares of rain forest in central Guyana for this international programme which will demonstrate methods for conserving and sustainably utilising tropical forest resources and biodiversity.

