## Development and Environment

# Interface in South Asia: A Kerala Case Study

by Quamrul Islam Chowdhury

Political democracy is not a necessary condition for 'economic efficiency' of a full-fledged market economy.

C USTAINABLE development is still elusive for the South Asian countries. Over a billion people of the SAARC region have a per capita income of less than one dollar per day. Many development models have been used in the past 50 years without any significant dent in the labyrinth of poverty in these countries. But some approaches and interventions in some areas of the region have earned global commendation for their successes in some specific localities. But those also couldn't be ducing the fish catch. sustained in the long run.

The SAARC region of late earned worldwide reputation for successes of some NGO mughals like Grameen Bank, BRAC etc., of Bangladesh. The Indian sate of Kerala has also shown a new approach. People's campaign for decentralised planning initiated in Kerala seeks to bring about basic attitudinal changes towards the development process among all the key players involving the elected representatives, officials, experts and the people at

A radical transformation of the development culture of the state is a necessary pre-requisite for successful participatory decentralisation, says elderly economist Prof K N Raj who was involved in framing the first three five year plans of India. Political democracy is not a necessary condition for 'economic efficiency' of a fullfledged market economy. Planning in our conceptualisation is an essentially democratic and humanistic concept.

Prof K N Raj recalls once Kerala was a backward state and had a very oppressive social practices. But, social transformation of Kerala has been phenomenal. The bottom-up people's campaign for decentralised planning, and experiment in participatory development, environmental awareness is bound to receive an impetus with the people's planning campaign. Implemented from August 1996, the campaign has decentralised planning and empowered the state's panchayats to make decisions about their own development. The campaign seeks to replace the 'trickle-down approach' where the state's bureaucrats made all the planning decisions. "Decentralisation of planning is a prerequisite for unleashing local initiatives with people's partic-ipation and the mobilisation of local resources", says Dr T M Thomas Isaacs from the State Planning Board.

Kerala Scenario

If we look at Kerala, the most advanced state of India in terms

day after polls closed —

and some weeks before of-

▲ Ificial election results

could be known-Philippines

Vice President Joseph Estrada

declared himself the country's

new president. He also ap-

pointed cabinet members, out-

lined his embryonic adminis-

tration's populist priorities —

and risked offending the

have seemed rather premature.

But preliminary tallies of the

May 11 vote as well as exit

polls, strongly indicated that

"Erap" (as popularly nick-

named), the action-movie star-

turned politician, would be-

come the Philippines chief on

June 30. A citizens' watchdog

group conducting preliminary

vote counts put Estrada's por-

tion of the total at 37 per cent.

That was far ahead of his clos-

est rival, House Speaker Jose de

Venecia. It was clear that

Estrada would ride a landslide

to the country's ruling elite.

many of whom considered the

paunchy ex-screen idol, leader

of the populist opposition

party, to be unschooled, un-

skilled, untested and uncouth.

The powerful Catholic Church

refused to support Estrada be-

cause of a less-than-pious per-

sonal life. Though the screen

idol freely admitted his lapses

in personal life, such peccadil-

los didn't matter to the poor

majority, who identified

Estrada as one of them. This

time voters repudiated both

church and trapos — the tradi-

The victory seemed galling

into office for a six-year term.

All this swift work might

Congress.

of social indicators and rich heritage of progressive movements that have held sway in the state for most of the past 50 years, we will find it falls far short in economic terms. The most densely populated this coastal state has a per capita income of less than \$ 200. Kerala is now facing a major environmental crisis from severe deforestation in the western mountains, leading to coastal soil erosion there and waterlogging in low land areas. Polluted rivers and foreign hi-tech offshore fishing operations are re-

And, like other places, Kerala faces the menace of the New World Order with its third world avatar: structural adjustment. Lagging industrial growth has combined with stagnant agricultural output to produce low incomes and high unemployment. Low economic growth has resulted a series of fiscal crises for this Indian state government forcing it to reduce public spending in some of the most cherished areas of the Kerala model: education, school lunches, subsidised food prices for the poor, access to medical care.

Within India, Kerala is much better-off than other more industrialised states in terms of environmental degradation and pollution. In states like Maharashtra for instance, water bodies are being increasingly reclaimed or polluted. However, the pressures of urbanisation, population growth and pollution are taking their toll on this economically backward state.

The backwaters are shrinking as land is reclaimed for construction. The rampant destruction of mangrove forests is bound to have serious repercussions on coastal erosion, which in the words of Dr M Baba, Director of Centre for Earth Science Studies (CESS), is the number one problem of Kerala, which faced the most severe coastal erosion in 1950s. Dr Baba who is critical of the engineering solutions of the coastal erosion, sees management solution as the best option for Ker-

Law of the land is: you have erosion on the one side, accretion is on the other. Mangrove is the protector in the low wave coast-side. In high-energy high wave coast like Kerala mangrove alone is not your protector. It is also true for the highenergy high-wave coasts of Bangladesh, Sri Lanka, Maldives and Pakistan. But for the low-wave low-lying coastal areas like parts of Kerala and parts of coastal SAARC countries including Bangladesh,

candidates for various elective

offices under the administra-

fretted that Estrada would scrap

economic reform efforts that

boosted the nation's growth

rates in recent years, the stock

market and the peso steadied

after polls closed. "The peaceful

conduct of the elections puts us

back on the growth path," said

the president of the Philippine

Chamber of Commerce and In-

dustry, "What is important is

that we have elected a legiti-

time reinforcing his claim. He

named an investor friendly

cabinet. The new administra-

tion's priorities include: ensur-

ing an ample food supply in the

drought-stricken country, a war

on crime and corruption. "I

guarantee that all Filipinos

will have three meals a day",

Estrada said. Congressional

support for his policies may be

hard to find. Yet Estrada was

anything but conciliatory in

victory. "Congress is a den of

corruption," he said, "I will not

horse-trade with Congress. I

Political observers point out

that Estrada had taken on the

Catholic Church, the ruling

party, the government machin-

ery. Aquino — all formidable

institutions of political power

triumphed. An observer com-

mented: "Popularity smashes

ident, there is hope that the

Despite his limitations,

the machine, with Erap as Pres-

poor will have a better life."

and Estrada seemed to have

will not play politics.'

Estrada certainly lost no

mate president.'

While business interests

mangrove is a protector. Kerala was worst hit by a severe fish disease because of the adverse impacts of chemical fertilizers and pesticides. Waterbodies are also being polluted by industrial effluents and fertilizers. Sand mining has been cited as another threat to Kerala's rivers. Coastal wealth in terms of fish catch and lime-shell deposits is fast depleting. Pollution and overfishing has had dangerously shrunk from 365 to 127 square kilometres over the last 50 years, U.K. Gopalan, a former Director of the National Institute of Oceanography estimates. Dr Gopalan estimates that there were 70,000 hectares of mangroves on the low-lying coastal estuaries in Kerala. But over the last 50 years, the mangrove swamps have reduced to just 70

hectares, as he says: "Estimates

by the CESS studies also indi-

cate that most of the mangrove

deforestation occurred in the

last 50 years. CESS estimates

that there are just 100 hectares

of mangrove forest left in Ker-

ala a development which is

bound to affect coastal erosion.'

Pokkudan has initiated a pio-

neering work for greening

Pazhayangadi area by planting

mangroves. An old comrade

Pokkudan who spent in prison

for decades on charges of 90

different cases as once was a

paid CPM cadre, initially

started it six years back to pro-

tect a narrow road and large

pond in the valley and now he

wants to green the area for fu-

ture generation. Having no

formal schooling and father of

three boys and three girls, he

has already completed very dif-

ficult plantation in two kilome-

ters along the road and pond-

Thanneermukkam Bund

and a Sordid Tale

built the Thanneerukkam Bund

on the estuary to keep saline

water out of Vembanad lake

which has been hit by saline in-

trusion in 1950s. The objective

was to promote the cultivation

of a second paddy crop which

does not grow in saline water.

But fertilizer pollution has dev-

astated the backwaters of the

paddy yield in Kuttanad (rice

the making of dozens of movies

in which he played the roles of

poor and uneducated, but

strong-willed, antiheros and

underdogs. "It took a college

drop-out like Erap to under-

stand class politics and to plan

a strategy to exploit it," says a

researcher at the University of

British Columbia's Institute of

Asian Research. "Erap's strat-

egy was to ignore the elite vot-

ers, who comprise only 10 per

cent of the votes, while concen-

trating on the remaining 90 per

cent. "Another observer com-

mented. "What is clear in

Philippine politics is that the

so-called intellectuals - per-

haps because of their own no-

tions of what the President

should be — find it hard to ac-

cept Erap. But it was not the in-

tellectuals who decided the

election. Erap, it seemed, knew

actly at the top of the agenda in

the Philippines election cam-

paign. Joseph Estrada is a clas-

sic populist, which means that

he could appeal to the crowd

with a simplistic message draw-

ing support both from lift and

right. His supporters expect him

to deliver "pro-poor" policies to

the countryside, including ac-

celerated agrarian reform. As a

matter of fact, only partial

agrarian reform could be

achieved during the previous

regimes. The benefits of such re-

form have been considerable

for those who gained secure title

over land. But perhaps the most

important benefit has been un-

intended — the accumulation of

social capital in the country-

Agrarian reform was not ex-

it all along.

According to local farmers

Vembanad Lake.

Philippines Elects New Populist President

According to impartial observers, the trouble with populists is that there is no predicting what policy

stand they might take.

by ASM Nurunnabi

The Kerala state government

A wise old landless man K

bowl of Kerala) has been badly hit as a result. Almost 600 tonnes of pesticides were used annually for paddy cultivation during the last 25 years, CESS has estimated. True, the Bund did not allow saline water to enter and wash away pesticide deposits which have accumulated in the backwater. Dr D K Dutta a hydro engineer who has been involved with the Indian water resource management told this writer to evaluate the Bund from its objectives rather than blaming it for the woes of the farmers, fishermen and others. He, however, maintains the Bund did not operate as

options, he adds. N S Narjyar, a retired cen-tral government official said that on the side of the Bund that he had mixed impression about

it as the Bund has achieved

some of its objectives and failed

to meet some others. Local peo-

ple, especially fishermen, were

helped through the Thanneer-

mukkom salt water barrage

opened to traffic on December

30, 1985 but some other people

at the upstream have been af-

fected badly, he observes. The

local people are also divided.

Some are now demanding de-

molition of the Bund to save

some of their paddy fields and

fisheries. All human pollutions

are passing through the Bund. A

campaign to clean the river is

Conflict Between Tourism

and Environment

interests between tourism and

environment in Kerala as else-

where in India, Bangladesh,

Maldives, Sri Lanka, Nepal and

Pakistan. Local resistance

against environmentally de-

structive tourism development

banad Lake, for instance, there

have been local demonstrations

against the Taj and Kerala

Tourism Development Corpora-

tion (KTDC) Hotels which are

under construction. Standing a

few yards from the hotel site, a

local lady with her cut-grasses

and goat, said: because of the

hotel construction she now has

extensive organisation in many

rural areas. But still the fact

remains that land reform so far

has assumed a plodding pat-

tern. The question before

Estrada is whether he would

speed up the process and

thereby relieve rural poverty.

Estrada has in his camp advo-

cates of rural reform like Hora-

tio Morales of the Philippine

Rural Reconstruction Move-

ment and Eduardo Cojuangco.

the Marcos administration.

known then as the country's

"coconut king". But, according

to impartial observers, the

trouble with populists is that

there is no predicting what pol-

for playing to the crowd, repeat-

ing the rhetoric of his grass-

roots election campaign. "This

is the greatest performance of

ing presidential role. Filipinos

can only hope that Estrada

lives up to his own utterances.

There is no doubt that the pres-

ident's first crisis will be the

country's dwindling rice sup-

plies. But for now, Filipinos are

concerned more with the style

of an Estrada government

voters chose a Vice President,

12 senators, 200-plus legisla-

tors and 17,300 local officials.

According to observers, this

added up to a clear sign of the

progress of maturity of the

Philippine democratic system.

One Estrada supporter tipped to

be the country's future Finance

Secretary has commented:

"Democracy has prevailed. The

Besides the president, the

rather than the issues.

my life," he said of his upcom-

The ex-actor may be forgiven

icy stand they might take.

the principal financier behind

At the Kumarkom on Vem-

is growing in Kerala.

There is a growing conflict of

also mounting.

planned. One must chose be-

tween hard and soft engineering

was a mangrove shrub. Extensive damage has already been done to the mangrove forests.

The Congress Party's Youth Friend' had agitated against the upcoming hotels last year on the grounds that the construction would destroy mangrove forests and upset the bird sanctuary inside the KTDC grounds. They also said that dredging work undertaken to build jetties close to the hotel will damage the lake and destroy its limeshell deposits. These deposits are used for the manufacture of white cement.

However, the Taj and KTDC representatives claim they had not destroyed a single mangrove shrub. In fact, their resorts had planted several trees within their premises and there is lot's of greenery to make the spot as an eco-friendly one, representa-

Catching Too Much Fish

is a common problem along the

coasts from Bangladesh to

Pakistan. Fishing piracy by

other countries are also com-

mon in the SAARC region. In-

dian state of Kerala is no excep-

tion. This problem is getting

more acute as large trawlers

enter fishing waters. Large

deep-sea trawlers from other

countries are also common, the

KSSP says. According to Dr

Gopalan, the Kalava commis-

sion recommended that not

more than 1,145 trawlers be al-

lowed in Kerala's coastal wa-

ters. However, the current num-

ber is more than five times this

Kerala with its 590 kilometre

coastline has a potential for

marine culture. The destruction

of mangroves has also affected

breeding since a number of fish

spawn in mangrove swamps, As

a result of overfishing, several

species of fish have disappeared

from the Kerala coast. This in-

Like other coastal countries,

amount, he says.

Catching too much of fishes

tives say.

Catching too much of fishes is a common problem along the coasts from Bangladesh to Pakistan. Fishing

piracy by other countries are also common in the SAARC region. Indian state of Kerala is no exception.

cludes scampi and the giant freshwater shrimp. (Around 4000 tonnes of this species was available annually in the 1960s, Dr Gopalan says.)

Government estimates also reflect this declining trend. Shrimp catch has declined from 70,000 tonnes in 1994-95 to 46,000 tonnes in 1996-97. In the last 20 years, 27 species of fish have reduced while 19 species of fish have disappeared. In order to reduce overfishing, the government has stopped licensing new mechanised boats and is helping traditional fishermen to modernise their craft.

'Rape and Run' Aquacul-

ture! Dr Ghosh informs the area under aquaculture in Kerala is minimal compared to the neighbouring states of Tamil

Nadu and Andhra Pradesh in

India. The Indian Coastal Regu-

lation Zone rules of 1991, have

inhibited the development of

mechanised aquaculture farms

within 500 metres of the coast-

line. This has checked the

spread of mechanised aquacul-

ture. There are around 65,000

hectares of brackish water ar-

eas in Kerala. Around 15,000

hectares have been utilised for

aquaculture. Around 12,600

hectares are under the tradi-

tional pokkali cultivation

(shrimps are farmed in pools of

saline water that collect in

topography does not permit

semi-intensive or intensive cul-

ture. Dr Vandana Shiva, a lead-

ing scientist and ecologist of

India argues that industrial

farming is not sustainable. In

country after country where it

has been tried, commercial

shrimp farming has proved im-

possible to sustain for a variety

of reasons, such as degradation

of the environment, pollution

and diseases, she maintains

Dr Sanjeeva says Kerala's

paddy fields.)

adding the degraded ponds can rarely be used for any kind of agriculture. And for this reason, this industry is known as the 'rape and run' industry.

#### Debate over Indian Coastal Regulation Zone

The Indian Supreme Court in its judgement had asked all Indian coastal states for strict implementation of the Coastal Regulation Zone (CRZ) notification. In another landmark judgement of December 11. 1996, Indian Supreme Court ordered demolition of all aquaculture/prawn farms within 500 meters of high tide line. Environmentalists are concerned about the state government's vehement opposition to the CRZ notification. The state government feels that given the density of population in Kerala, implementing the ruling will be disastrous.

The density of population is much higher near the coast. The average density is 749 per square km but close to the coast, it goes up to 2176 per square km. The ruling interferes with any construction activity they may undertake for housing or their livelihood, says Dr Sanjeeva. The nature of Kerala's waterbodies is such that a majority of available land come under the CRZ. The ruling will inhibit most developmental activity the government feels. Dr Sanjeeva also feels the CRZ has certain inherent contradictions. The CRZ exemptions permit salt water extrusion projects which are perhaps damaging to the eco-system. However the 32-km stretch of natural saline water in Kerala has been included in the "Coastal Zone Management

Plan," he adds. The CRZ has acted as check on several tourism mega-projects. Projects such as the Bekal resorts have been seriously hindered by the CRZ. Environmentalists had opposed the project which involves building a resort complex including a chain of five star hotels close to the beach front. The Indian Rs 265 crore project has been scaled down to Rs 165 crore. The proposed project areas has also been halved from 500 hectares

to 250 hectares. The tussle between coastal communities and people's groups on the one hand and the big industries on the other centres the CRZ notifica-

#### People's Participation and Environmental

**Awareness** People's participation and environmental awareness go hand in hand in the SAARC region: Bangladesh has developed a people's participatory globally acclaimed National Environment Management Action Plan (NEMAP) which has entered in its implementation phase. The SAARC region has been endowed with strong civil society groups. People's partici-pation and environmental awareness is also quite high with non-governmental organisations like the Kerala Sastra Sahitya Parishad making it one of their chief concerns. The KSSP, movement which began by trying to popularise science, has over 25,000 members in the

Among the environmentally destructive projects it has successfully opposed is the Goshree project. The Indian Rs 500 crore project envisaged building four bridges to link the populous islands of Vypeen, Bolghatty, Vallarpadom and Thanthonni to the mainland. Around 250 hectares were to be reclaimed from the sea. The bridges were to be constructed by private firms which would be given a share in reclaimed land. The KSSP opposed the reclamation and said that it would upset the region's ecological balance. It pointed out that the reclamation would further cause the Vembanad Lake in the Cochin backwaters to shrink further. The project was stayed following an adverse NEERI report.

Chairman of Forum of Environment Journalists of Bangladesh (FEJB), the writer is also Secretary General of Association for Green Accounting in Bangladesh (AGAB).

article is based on field trip for SAARC journalists to Kerala organised by FEJI/World Bank from April 12-18, 1998.

# Indian Census Not to Include Citizens Living Abroad

to go miles away to cut grass and earn her living which she HE next decennial headused to do by cutting grasses count in India, the world's right from the site where there second most populous nation, will not include citizens living abroad, a top census official has said.

> The census only accounts for people on Indian soil at sunrise on March 1, 2001, Census Commissioner M Vijayanunni

> The census operations will begin in the third week of February that year and the provisional census figures would be available within a week, he said. At 953 million. India is the second most populous country in the world after

> China. The Indian census, held for the first time in 1872, has never accounted for its citizens living abroad. "We cannot send enumerators abroad," Vijayanunni told reporters on June 22, adding that "this has never been the practice." Millions of Indians are spread around the globe with large concentrations in the Gulf, European, American and Southeast Asian nations.

> Asked if some other countries followed the practice of including citizens abroad, he told IANS: "It may be. Every country has developed its own methodology for census. But I am not aware of it."

> In India over two million enumerators will fan out across the country quizzing members of some 200 million households. The official said unlike in India, China's population count was village-based.

> The budget for the mega exercise is expected to be more than Rs. one billion (about \$23 million), which is a quarter of what the US spends on its census exercise for a population which is about a third of Indi-

> a's, the official informed. The 14th census will also include new areas of the Indian economy and society in its data collection. The detailed questionnaire is being prepared and would be ready very soon, the commissioner said. "But the emphasis would be on compat-

ibility," he added. The commission has put up a website.

www\\censusindia.com, giving all the details of the census. "We already had more than 3,700 hits so far," he informed.

If the present trend of population growth continues, India is expected to emerge as the most populous country by year 2040. Vijayanunni said.

For the first time, India's annual population growth has dropped below two percent, to 1.98 percent, in 1996, says the latest United Nations Population Fund report.

Given the large population base of 953 million, the drop in growth rate doesn't bring much cheer. It translates into an addition of 18 million people a year, accounting for more than 20 percent of the world growth of 88 million, "the largest annual increment of any country. says the report.

While the report doesn't elaborate on why there has been a marginal decline in the population growth rate, it notes that the total fertility rate has been reduced substantially from 4.8 in 1978-82, to 3.3 in '92. "Estimates of fertility rates at the district level have suggested that a major demographic transition is already under

way," it says. In 1980 not a single district in India had achieved the replacement level of two children per couple, but in the next decade 12 districts had met the target. Apart from Calcutta in the eastern state of West Bengal, all others belonged to the southern states of Kerala and Tamil Nadu.

The report, however, adds that the population may not actually double in 35 years since the maximum addition is likely to take place in the current decade. "At a high estimate, it is projected that by the year 2010, India's population could reach 1.2 billion," it says.

The UNFPA records the increasing migration from rural to urban areas. Though more than 75 percent of the population still resides in the 600,000 villages in India, at the present rate of urbanisation half the population would be in cities by the year 2021.

The western Indian metropolis of Mumbai is set to become the world's second largest city by the turn of the millennium, and there will be three Indian cities with a population of over 10 million each.

"A major feature of India's urbanisation process is the lopsided concentration of economic activity in towns and cities," the report says. "Given the present macroeconomic policies, the pace of urbanisation is likely to intensify, fed by

rural-urban migration. This has a flip side too. Migration has led to an increase in urban poverty, with half the people living in slums in some cities. They are deprived of basic amenities like sanitation and safe water.

Quoting a UNICEF estimate on the sex ratio, the report says that there are 40-50 million "missing" females in the coun-

try today. The most striking factor for the alarming sex ratio - 927 females to 1000 males recorded last in 1991 — was the preference for boys

This attitude has spawned a range of practices like female foeticide and infanticide, discrimination in matters of food

and education. Citing a recent study of amniocentesis, the report says that 96 percent of the foetuses aborted were female.

"In all but a few countries of the world, there are typically 1,050 women for every 1,000 men," says the UNFP report. Only Kerala defies the national average and comes close to the global standards.

The UNFPA stresses on the need for better coordination between the Centre and the states and says the government should "give explicit attention to the formulation of a social action plan to protect the most vulnerable groups, especially women, form the short-term and medium-term impact of economic adjustment policies".

It says that the government should work through non-governmental organisations (NGOs), women's groups and local communities for wider development. Regretting that women are rarely a part of the development process, the report says, "Women's empowerment should be both an objective in itself and a mechanism to achieve the government's family welfare goals".

India Abroad News Service

### New Break

ISSHO Iwai Corp is all set to make its mark in the US recycling industry by acquiring a recycling plant in Los Angeles with a treatment capacity of 2,000 metric tons a month. The

company will recover aluminum cans and reprocess them into blocks for sale to aluminum refiners in the US and Japan. A venture formed to run the plant is capitalised at \$500,000

## Powerful Option

NE of the principle barriers to providing electricity to low-income households is the high cost of connection and wiring of the house. Also, as power meters are expensive to install, the users are not able to keep an account of the electricity consumed by them and often end up using far

more than they can afford. Miniature circuit breakers (MCBs), which are cheap, are thus a favourable alternative. A MCB can be fitted in each house and if more than a pre-set amount of electricity is used. the circuit breaks. Utilities can offer their customers a range of load limits — 25 W, 50 W or 250 W — and the customer can pay a flat fee per month, to overcome

CSE/Down To Earth Features

the problem of cost.

#### tional politicians — by electing Estrada does have political side. Agrarian reform reportoutsiders and unconventional views, apparently forged during edly has provided a context for By Hanna-Barbéra TOM & JERRY BRING IN ANOTHER WHEEL OF CHEESE! MUNCHKIN BRAND SWISS CHEESE IS DELICIOUS. 1 DONT GET IT. REHEARSAL CORRECTLY! IM NOT? AN MI- DRIVER DELIVERS ROANNE DRELIX AT THE PARIS HIDEAWAY PLAT THAT BOND PROMISED... THE CONCIERSE IS KEEPING SHARP WATCH AT THE WINDOW... James Bond ACHTUNG!

## people have spoken." Pak Tribals Threaten to Grow Poppy if Sanctions aren't Lifted

Muhammad Najeeb writes from Islamabad

EADERS of several Pakistani tribes have hreatened to resume poppy cultivation if sanctions imposed by the United States

are not lifted by mid-August. "The decision was taken at a jirga (meeting) of eight tribes held on Sunday in Khyber Agency," Karim Khan Afridi, who represented his Afridi tribe at the meeting, told IANS on the telephone from Landikotal.

"We stopped poppy cultivation on their (Americans') insistence and now they have imposed sanctions on us!" he said. This is rubbish...we are being punished for taking defensive measures," he said.

The United States and Japan have imposed sanctions on India and Pakistan for conducting nuclear tests last month. Under the sanctions, Pakistan will not get the annual aid of \$1.5 billion from the US.

"Do you think the Soviets would ever have dared to enter Afghanistan if the Afghans had nuclear weapons and missiles?" Afridi asked. "We will grow poppy to help out our country." Heroin is derived from

opium poppy. In March this year, hundreds of soldiers backed by armoured vehicles destroyed poppy crops on an es-timated 1,600 hectares of land in the Federally Administered Tribal Areas (FATA). More than 40 people were arrested by the security agencies for allegedly resisting the destruction of the

International donor agencies had made the eradication of opium poppy cultivation in FATA a condition for further funding for drug control projects in Pakistan.

"It's a very costly thing,"

Afridi said of the poppy crop. "And let me tell you...we need not to go to America or Europe to sell it there, rather they come to us to buy the heroin," he declared.

Afridi said he and his fellow cultivators could pay back all the foreign debt if they were allowed to grow poppy without any fear of the crops being destroyed by government troops. Instead of imposing heavy taxes on ordinary Pakistanis, he suggested that the government allow the tribals to cultivate opium poppy.

"Now onwards no American will be allowed in our area," declared Afridi. In FATA, tribals exercise their own laws and rules even though it is a part of Pakistan. The autonomous tribal areas adjoining the North West Frontier Province

(NWFP) are directly run by the federal government.

The President of Pakistan can enforce any law in the area through the NWFP Governor. who also acts as the President's

agent for FATA. On June 10, President Rafiq Tarar extended the enforcement of anti-narcotics laws to FATA. The law expressly prohibits "import, export, transport, manufacture or traffic in opium or coca leaf or opium or coca derivatives" or financing of the

same acts.

Anyone found guilty of drug trade or manufacture is punishable with prison terms. whipping and fines. Anyone possessing heroin or cocaine exceeding ten grams, or one kilogram in case of opium or coca leaf, is liable to punish-

FATA authorities have been given more powers to check the narcotics trade in the tribal areas, which lie close to Afghanistan - notorious for drug manufacture and traffick-

Iftikhar Hussain Gillani, former Law Minister and senior Supreme Court lawyer. has criticised the law saying it ignored the cultural aspects of the tribal areas where poppy growing is a tradition and a compulsion for the local residents as they have no alternatives. He pointed out that opium is also used in manufacturing several life saving drugs.

Gillani argued that before taking such extreme steps, the . government and donor agencies should provide alternative means of earning to the farm-

- India Abroad News Service