

Social Forestry—A Development Strategy

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ations and the promised benefits they will be entitled in SF programmes.

Scope of Social Forestry
Intensive forestry development activities in Bangladesh in the past few decades on state owned forest land, especially in the neighborhood of exceedingly high population

density as exclusive governmental activities, revealed a dismal picture of sustainable success. There was nothing wrong with appropriate technology or managerial skills of the Foresters in raising successful plantations, but when deliberate destruction of established plantations in done by local community, no amounts of policing could help

combating the surreptitious activities over such wide ranging forestry jurisdiction.

Events have more than amply demonstrated that with hostile people living in the vicinity of the forests and having no prerogative nor commitment to preserve the resources, retention of trees would tantamount to fighting an imminent losing battle. It now appears almost certain that the most pragmatic and viable approach to bring some one million hectare (ha) of potential forest land under productive tree cover seems to lie in organising social forestry with participatory arrangements. With average per caput land holding of 0.13 ha in the country, creation of large block of traditional forests in any farming situation is an absurdity. Forestry must therefore look for land not ordinarily contested for crop production. Obviously, land marginal to food grain farming are the potential land for tree growing.

The country has 128 thousand km of big and small roads and some 6 thousand km of coastal and river embankment whose slopes, berms and foreshores offer a potential ground for commercial plantation activities. But such type of land are again highly interfered by man and his cattle, and unless the local community could be taken into confidence through their direct participation, the technical feasibility could not be translated into practical reality. Organisation of SF could be an economic feasibility for tree related production activity on such marginal land.

Exists also about 0.27 million ha of homestead marginal land, 0.05 m ha of private hilly land and 0.11 m ha tea garden waste land suitable for tree farming under broad SF umbrella. In all, some one and a half million ha land could be devoted to social forestry programme and this quantum of land is by no means a small activity under Bangladesh socio-economic and land tenure situation.

The land use and development strategy of these potential SF land is primarily on agroforestry principle, being practiced as a spatial or intimate situation. Choice of tree species for SF would be obviously fast growing utility and fruit trees, while common cereals, vegetables and fodder would dominate agricultural crops.

Considering a 7-year felling cycle of SF tree crop, the annual activity area amounts to

0.21 m ha agroforestry plantations (one-seventh of the potential 1.5 m ha). Unlike traditional forestry, this will be a very intensive agricultural and forestry land use activity. Establishment of nursery, plantation, and agricultural activities are likely to create job opportunity for 150 million man-days. Investmentwise, an economically viable investment of 1300 million taka could take place; 80% of which constitute labour wages. This programme could be a major activity in the agricultural, livestock, forestry and cottage industry sectors under rural settings, especially with landless community.

In the field of resource creation, the annual activity area of 0.21 m ha should be capable of producing a minimum of 7.7 m cum. (272 m cft) of wood annually, whose value as fuel-wood on standing tree basis, according to the current market price, would be about 1550 million taka.

This amounts to a 19% profit on the capital investment. Apart from timber, income from agricultural activity in the first 2-3 years (before tree canopy closure) could generate resource worth Taka 1000 million through production of paddy, wheat, cotton, sesame, casaba, lentils, vegetables, fodder etc., while a substantial quantity of traditional fuels would be derived from arbor plant and other agricultural residues.

The wood produced through SF would go to promote rural cottage industry and the linkage effect to the economy would be enormous.

The SF envisaged would altogether change the landscape of the country creating multi-directional shelterbelts throughout the lengths and breadths of the country, would improve the overall environment, and protect the people and their properties from the ravages of the nor'westers and cyclonic storms. By ameliorating the climatic extremes and preserving the soil moisture, and through savings of cow-dungs and crop residues from being burnt as cooking fuel, the SF would contribute substantially to the overall increased agricultural production in the country.

The SF could thus be a remarkable development activity particularly with rural poor for production of food, fodder and wood from the otherwise waste and marginal land, and for generation of substantial employment in the rural sector.

Forest Resources

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be achieved through intensive management and application of modern technology and know-how. Moreover, about two third of the designated forest land is either barren or has a very sparse vegetative cover and is available for forestry development. Similarly, some khas land, tea garden land and other private land including homestead land is available for plantation development.

Many forest based industries are losing propositions inspite of the fact and necessary raw material is supplied from the forests at a highly subsidized rate and cheap labour is available in Bangladesh for these labour intensive industries. The problems of the industries need review for identification of the problems.

An integrated development and management programme for forest resources should be taken up immediately. Development of the forest resource base, industries, research and education should form component's of an integrated development plan. Major efforts should be made for intensive management of existing forests and creation of new resource base through the application of the latest technology.

The prerequisites for the development of an efficient mechanism for the intensive management and development of a forest resource base over all suitable land, are provisions for adequate money, manpower, logistics and other inputs, research, training, policy and legal back-up. A land use classification, once for all delineating areas for forestry activities is also extremely important. Only specific and use oriented plantation programme should be taken up.

The present management practice of clear felling of hill forests requires a review as it destroys the genetic resource base and wildlife habitats. For the same reason, necessary actions must be taken for the creation of biosphere reserves, wildlife sanctuaries and recreational facilities and Parks. Separate programme for management of watersheds will have to be taken up.

Government has taken up a number of development programmes for afforestation and development of management practices. Under Upazila Afforestation & Nursery Project massive activities are going on for the afforestation of marginal lands, villages as well as in Govt. managed forest areas in the central Sal forest area. Under this programme by the year 1991-92 afforestation has been completed in 20,790.0 acres of plain land Sal forests and also a linear plantation along 1299.0 miles of highways & Railway track & water development board embankment, for rural afforestation 46.9 million seedlings have also been distributed.

The Second Forestry Project with IDA assistance is taking care of the afforestation activities in the hill forests & the coastal areas of the country. Till this date under this project afforestation over 97000.0 acres of hill forests and 57000.0 acres in the coastal areas has already been completed.

The Forest Resources management project with an estimated cost of Tk. 247 crore will go into implementation from 1992-93 fiscal year. This multidisciplinary project with IDA assistance will help the country in addressing various management issues and also help in the research, education and training activities of the department in addition to plantation establishment to the extent of 81000.0 acres of mangrove plantation and 66000.0 acres of industrial plantation.

Besides these major development activities, programmes for the development National Botanic Garden, Bhawal National Parks, Bamboo & Cane plantation in Govt forests are being implemented with funding provided by the Govt.

A Forestry Master plan is also being prepared with assistance from Asian Development Bank in which expatriate and local consultants are now working. This master plan will provide long term perspective plan and will also help us in identifying various development activities.

Finally, with ever increasing population pressure in Bangladesh and small land base it will not be possible to expand area under forestry activities. The resource base that we have must be utilised to have optimum production on a sustained basis and also taking care to protect the ecosystem, the biological diversity & the gene pool of our natural forest.



Ghatak Dalal Nirmul Committee held a rally in the city yesterday. —Star photo

Govt trying hard to reduce dependence on others: Biswas

A 20-member youth delegation from greater Barisal district residing in the capital, called on President Abdur Rahman Biswas at Bangabhaban Tuesday, reports BSS.

The members of the delegation apprised the President their various demands including early implementation of the proposed divisional headquarters, airport and setting up of TV and radio sub-stations at Barisal and tourism centre at Kuakata.

While exchanging views with them, President Biswas said the present government would materialise its commitment by implementing the proposed divisional headquarters at Barisal as soon as possible.

He said the country had limited resources and the balanced development of all the areas were the prime need to bring about a change of the lot of the commonman.

The president said the present government was striving hard to reduce dependence on others in country's development process which had been reflected in the proposed national budget.

He said both the government and the opposition had equal responsibility in the

pursuit of national development and to consolidate the hard earned democracy in the country.

He also said a stable government was necessary for the rapid progress and prosperity of the nation though implementing the programmes undertaken by the government.

The President assured that he would look into their problems and resolve those in phases.

Nasiruddin Babu, a youth leader led the delegation.

Tufail Haider made envoy to Japan

The government has decided to appoint Tufail K Haider, chief of protocol in the Ministry of Foreign Affairs, as ambassador of Bangladesh to Japan, it was officially announced in the city Tuesday, reports BSS.

Born on July 4, 1944, Tufail K Haider obtained bachelor of Arts (Honours) in Political Science and Master of Arts (M-A) degree in the same subject from Dhaka University respectively in 1965 and 1966.

Rly line on Jamuna Bridge likely

Communications Minister Oli Ahmed Tuesday informed the Jatiya Sangsad that there would be provision for railway line on the Jamuna Bridge, reports BSS.

In a written reply to a question from Mohammad Arjad Hossain Talukdar (AL-Kurigram), the Communications Minister said, however, initially there would be no railway connection with the bridge.

He said the bridge would be constructed on the basis of a flexible design so that in future the railway line could be connected with the bridge.

Agrani Bank lowers lending rate

Agrani Bank has been lowering various lending rates in different sectors quite a number of times from the beginning of the year, says a press release.

The Bank has further lowered lending rates for giving special consideration in case of working capital loan to industries and term loan to small and cottage industries with a view to accelerating economic activities and creating more demand for credit. The new rate of interest for working capital for industries will now be 13.50% against previous rate of 15%, while 11.75% for term loan for small and cottage industries instead of 12.50%. The new rates come into effect from July 1, 1992.

RU admission test begins July 14

RAJSHAHI, June 30: Admission test for first year honours classes of Rajshahi University will be held from July 14-20, reports UNB.

Jubo Command demands ban on 'Nirmul Committee'

By Staff Correspondent
Jatiya Jubo Command activists demonstrated in the city Tuesday demanding ban on 'Ghatak Nirmul Committee' and trial of 24 leaders and organisers of the 'Gano Adalat'.

While addressing a public gathering at the rail crossing near the Sonargaon Hotel, the leaders of the Jubo Command termed the 'Nirmul Committee' as unconstitutional and demanded immediate ban on its activities.

The speakers also demanded trial of the persons who were connected with the activities of the 'Nirmul Committee'.

Stands first class first

Ahmed Iteharul Islam stood first class first in Bengali Literature in final M A (course) examinations of 1988 held in 1991 of the University of Dhaka, says a press release.

He also secured first place in the combined merit list in his SSC examination. He is the only son of National Professor (Dr) N Islam.

What's on today...

- National Museum entry ticket**
The inauguration of the ticket system for entry into the Bangladesh National Museum will be held today (Wednesday). State Minister for Cultural Affairs Prof Jahannara Begum will inaugurate the system at 10.35 am by purchasing ticket.
- DAP technical meeting**
The inauguration of the ninth meeting of Centre on Integrated Rural Development for Asia and the Pacific (CIRDAP) technical committee will be held today (Wednesday) at 9 am at Hotel Purbani.
- Minister for Local Government, Rural Development and Cooperatives Barrister Abdus Salam Talukder will be the chief guest.**
- Nirmul Committee meeting**
The Dhaka City Ekattarer Ghatak Dalal Nirmul Committee will hold an emergency meeting today (Wednesday) at its central office.
- Discussion meet**
Bhuiyan Academy Computer Club will hold a discussion meeting and cultural show today (Wednesday) at 4.30 pm at the club auditorium at House 13, Road 7, Dhanmondi.
- Rotary Club of Dhaka Buriganga meet**
The regular meeting of the Rotary Club of Dhaka Buriganga will be held today (Wednesday) at 5.30 pm at Hotel Sonargaon.
- The guest speaker for this week is Dr Atiqur Rahman, Chairman, Bangladesh Centre For Advance Study. He will speak on UNCED - '92 success and failure.**
- Plantation programme**
The national tree plantation campaign will be inaugurated today (Wednesday) at 5 pm in Sector 11, Uttara Model town.
- Prime Minister Begum Khaleda Zia will be the chief guest of the ceremony organised by the Ministry of Environment.**
- Rotary Club of Dhaka North West**
The regular weekly meeting of Rotary Club of Dhaka North West will be held today (Wednesday) at 5-30 pm at Hotel Sonargaon.
- Installation Ceremony**
The 18th Installation Ceremony of the Board of Directors of the Rotary Club of Dhaka South will be held today (Wednesday) at Hotel Sonargaon at 5-30 pm.
- Editor of The Daily Star S M Ali will be the chief guest and Rtn. L K Siddiqi MP and District Governor 1992-93, District 3280, Rotary International, will attend as special guest.**

Weather

Day temperature may rise

By Staff Correspondent
Moderate rain or shower with temporary gusty wind may occur at few places over Chittagong division and at one or two places over Dhaka, Khulna and Rajshahi divisions during the next 24 hours commencing from 6 am today (Wednesday).

The met office forecast, day temperature is likely to rise by one or two degree Celsius over the country.

Rain activities are likely to increase by a week, Met office said. The country on Tuesday experienced moderate rainfall at few places. The highest rainfall recorded from 6 am to 6 pm was reported from Satkhira to be 24 mm while Faridpur had 11 mm and Khulna had 9 mm of rainfall.

The maximum temperature of 35.6 degree Celsius was reported from Jessore and the minimum of 23.5 degree was reported from Sylhet Tuesday. The sun sets today (Wednesday) at 6.50 pm and rises tomorrow (Thursday) at 5.15 am.

The maximum and the minimum temperature and humidity recorded in some major cities and towns of the country Tuesday were:

Cities/Towns	Temperature in degree Celsius		Humidity in percentage
	Max	Min	
Dhaka	33.5	27.5	81
Chittagong	31.7	26.0	73
Rajshahi	34.5	25.3	76
Khulna	35.2	26.5	81
Dinajpur	34.1	25.4	86
Cox's Bazar	31.6	25.5	72
Sylhet	33.2	23.8	78
Jessore	35.6	27.0	85

Tender Notice

- Tender No** : Tender No 53/1991-92.
- Name of work** : Emergency Protective work along the Sea Side slope of newly constructed temporary embankment from 2+710 km to 5+610 km at Patenga Dist Chittagong.
- Estimated Cost** : Tk 6,43,321/-
- Earnest Money** : 2% of the quoted amount.
- Date and time of receiving tender** : 7-7-92 to 9-7-92 up to 12.00 Noon.
- Date and time of opening tender** : 9-7-92 at 1.00 PM.
- Nature of contractor** : 'C' Class enlisted contractors of BWDB for the year 1991-92.
- Name and address of offices when the tender document will be available** :
 - Sonali Bank, WAPDA Branch, Motijheel, Dhaka.
 - Sonali Bank, Bahadderhat Branch Chittagong.
 - Executive Engineer, Comilla O&M Divin, WDB, Comilla.
 - Executive Engineer, Muhuri O&M Divin, WDB, Feni.
- Name and address of advertiser** : Executive Engineer, Chittagong O&M Divin-1 WDB, Chittagong.

PANI-720/91-92
DFP(G) 13127-28/6
G-824

Sonali Bank Engineering & Building Division Head Office, Dhaka

Tender Notice

No. EBD : SB : HO : Tender: Narayangonj (Chashara) Dated : 20-6-92
Sealed tenders are hereby invited from Sonali Bank's working contractors, 1st class or its equivalent contractors of Govt/Semi Govt organisations for the following works on the under noted terms and conditions :

- Name of work** : Repair/Renovation of Sonali Bank, Narayangonj (Chashara).
- Estimated Cost** : Tk 4,96,426.28
- Earnest Money** : 2% of quoted amount favouring Dy General Manager, Engineering and Building Division, Sonali Bank, Head Office, Dhaka in the form of Bank Draft/Pay Order/CD etc issued from any scheduled bank to be submitted alongwith the tender which will be refunded after completion of required formalities except the successful tenderer.

- Schedule time** : 2 (two) months.
- Tender document will be obtained from the office of the undersigned up to 13-7-92 during office hours on cash payment of Tk 500/- (five hundred) only (Non-refundable).**
- For permission of purchasing the tender documents the following documents are to be submitted to the Superintending Engineer.**
 - Upto date enlistment letter(s) and Trade licence.
 - Upto date Income Tax receipt/clearance.
 - Pre-qualification documents (if any) in any organization or the work of (three) lac, or above.

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- The tender rates will be valid for 120 days from the date of opening the tenders.
- If the tender opening date falls in holiday the tender will be received and opened on the next working day at the scheduled hours.
- The original certificate and related work order as mentioned in Clause No 3(d) shall have to be shown at the time of purchasing tender schedule.
- Tender quoting total amount exceeding 10% above or 10% below the estimated cost must have to enclose analysis of rates based on standard PWD analysis of quantities of materials, labours and present market prices duly prepared and signed by the firms permanent graduate Engineer and the tenderer. Otherwise the tenders will be rejected.
- The Bank reserves the right to reject any or all tender and accept any tender in part or full without assigning any reason thereof.

SB/EPD/16/17/92
EPDA) 5854-28/6
Chowdhury Mahafuzul Islam
Deputy General Manager.

বাংলাদেশ টেলিভিশন

Wednesday
July 1, 1992

5:00	Opening announcement Al-Quran Programme Summary
5:10	News in Bangla
5:20	Recitation from the Geeta
5:30	Tarunnaya
6:00	Canada's national day: Envoy's address and documentary film
6:30	Moder Garab Moder Aasha Pallab
7:05	News in Bangla
8:00	Exchange of programmes of SAARC countries
8:30	programmes of Pakistan MacGyver
9:00	News in English Parliament round up
10:00	Prante Drayte
10:25	Khabar/The News
10:35	Thursday's programme Closing
11:40	
11:45	

The following TV programmes are brought to you by STAR TRACK



Time	Programme
00.00	News Headlines
00.05	The Making Of...
01.00	World News
01.25	News from London
02.00	World News
02.15	Panorama
03.00	World News
03.25	Travel Show Guides
04.00	World News
04.25	News from London
05.00	News Headlines
05.05	The Making Of...
06.00	World News
06.25	Newsnight
07.00	World News
07.25	World Business Report
08.00	World News
08.25	Newsnight
09.00	World News
09.15	The Survivor's Guide
10.00	World News
10.25	Wogan
11.00	News Headlines
11.05	Inside Story
12.00	World News
12.25	Open Space
13.00	World News
13.30	Business Morning
14.00	World News
14.25	Where On Earth
15.00	World Headlines
15.05	Inside Story
16.00	World News
16.25	World News Day
17.00	World News
17.25	World News Day
18.00	World News
18.25	Wogan
19.00	World News
19.25	Open Space
20.00	World News
20.25	News from London
21.00	World News
21.15	The Survivor's Guide To Yugoslavia
22.00	World News
22.25	Wogan
23.00	World News
23.15	World Business Report
23.25	Open Space



06.00	Attitudes
07.00	Everyday Workout
07.30	Smoggyes
08.00	Animated Classics
09.00	Tom howls
09.30	Return to Treasure Island
10.00	Jupiter Moon
11.00	Attitudes
12.00	Parent Survival Guide
12.30	Mother's Day
13.00	Santa Barbara
14.00	The Bold and the Beautiful
14.30	Donahue
15.30	Eye on Asia: Small Happiness
16.30	Mac and Mutley
17.00	Butterfly Island
17.30	Cartoon Classics
18.00	Jupiter Moon
18.30	Beyond Tomorrow
19.00	Whose Line is it Anyway?
19.30	Big City: Metro Berlin
20.00	St. Elsewhere
20.50	Hollywood Stars
21:00	Movie: Dark Star
22.00	Newhart
23.00	The Bold and the Beautiful
23.30	Sludge ...
12.00	Hill Street Blues
01.00	Movie: Stateline Motel
02.30	Just for the Record
03.00	... Health
03.30	The Bold and the Beautiful
04.00	Sally Jessy Raphael: I'm ashamed of my husband
05.00	Santa Barbara



00.00	120 Minutes
02.00	VJ Danny McGill
03.00	VJ Sophia
05.00	The Day in Rock
05.10	VJ Sophia
05.30	MTV Sports
06.00	Awake on the Wild Side
06.00	MTV Power Pack
10.00	MTV's Most Wanted
11.00	Classic MTV
12.00	Awake on the Wild Side
15.00	VJ Danny McGill
18:00	VJ Sophia
20:00	The Day in Rock
20:10	VJ Sophia
20:30	MTV Documentary
21:00	MTV Power Pack
22:00	MTV's Most Wanted
23:00	Classic MTV

(Please deduct 2 hours from all programmes from above timings for Bangladesh Standard Time)

Prime Sports on PRG