Greenhouse effect

# Future cyclones to be more deadly

By Staff Correspondent

The intensity of future cyclones as well as tidal surges will be greater than that of the April 29 cyclone and surge because of the greenhouse affect which is gradually raising sea

This was stated by the President of the Institution of Engineers, Md Anwar Hossain in his speech as chief guest at a seminar on 'cyclones' Sunday.

Civil Engineering Division of the Institution of Engineers organised the seminar on 'Recent cyclone and tidal surge in the coastal regions of Bangladesh, background and possible mitigation, at the auditorium of the institution as part of its series of programmes to find out possible remedies and permanent solutions in facing the calamities.

Specialists in different fields presented their technical papers on 'prediction of cyclone', causes of cyclone and precautionary measures, disaster management, reporting on the effectiveness of coastal embankment, building construction in the coastal areas, drinking water supply and rehabilitation programme after

The speakers said that cyclones can't be prevented but ways should be found for saving human lives and reducing the extent of damage to property.

They also stressed the need for announcing a national policy after holding an open discussion on cyclones and other

'It is our problem, so for eigners can't give us a permanent solution. We should find out solutions utilising our engineers, specialists, manpower and resources', the speakers at the seminar observed.

Among others, Dr A M Chowdhury, Director, Sparrso, M F Kayum, Deputy Director. Meteorological Department and Ali Hasan Qoraishi, Director General, Red Cresent Society, presented their papers on

The seminar presided over by Zamilur Reza Chowdhury. Chairman, Civil Engineering Division, was also addressed by Ruhul Matin and A N H Akhter

An open discussion followed the seminar.

institutions were damaged

during the cyclonic storm that

swept over the district with

the wind speed of 40 to 50 km

per hour. District control room

said that damages were caused

to standing crops but it did not

Other districts

Laxmipur, Feni, Khulna,

Bagerhat, Satkhira, Jhalokathi,

Patuakhali and Pirojpur dis-

low-lying areas of the districts

and thatched houses were

damaged. Standing crops were

Cox's Bazar

Bazar: The low-lying areas of

Cox's Bazar district were sub-

merged by rainwater while re-

habilitation works in the cy-

clone and tidal surge hit areas

were hampered following

heavy rains accompanied by a

63 nautical mile speed wind

82 mm rain fall during the

past 24 hours ending 6 pm

ing here thatched houses and

temporary shelters erected for

Moheshkhali, Kutubdia,

Chakaria and another places

have been affected by the cy-

clonic storm. Heavy rain has

been hampering reconstruc-

tion of embankments in the

BCL students

beside the Rokeya Hall. The

Chhatra League workers then

returned to Jahurul Huq Hall.

Campus situation remained

adds: Chase, counter chase and

scuffle locked the activists of

the rival Jatiyatabadi Chhatra

Dal (JCD) and Chhatra League

(S-A) on the campus of the

Bangladesh University of

Engineering and Technology

Chhatra League activists al-

legedly removed a news cut-

ting on late president Ziaur

Rahman's death anniversary

from the notice board of

Ahsanullah Hall, hung earlier

Later leaders of both sides

The situation ensued when

Sunday afternoon.

by JCD workers.

Our BUET Correspondent

tense till late last night.

From Page 1 Col. 5

people in

Local Met office recorded

According to reports reach-

per hour since Saturday.

Sunday.

the affected

coastal areas.

BSS reports from Cox's

damaged in all these districts.

Besides, storm also hit

Heavy rainfall inundated the

receive detailed reports.

### Cyclone fells crops, houses houses and some educational

From Page 1 Col. 5

dwellings in the affected areas. The inclement weather hampered relief operations which have been continuing for the past one month.

Chittagong

Our Chittagong Staff Correspondent reports: About three lakh people from the low-lying areas of Chittagong and other coastal islands were shifted to cyclone shelters and safer places Saturday night. Chittagong district administration officials informed that the people of Patenga, Halishahar, Katgarh, Banshkhali, Anwara, Sandwip, Moheshkhali and Kutubdia were brought to different shelters.

Red Crescent officials said that the people of Urir Char, Char Gangchil, Nijhum deep and Monpura were shifted to safer places.

Tidal surge upto six feet struck all these coastal islands during early hours of Sunday.

Over 20,000 volunteers of the Red Crescent were engaged in 24 coastal upazilas to face the situation.

The US Task Force also shifted its five helicopters and withdrew its personnel from different locations when it was warned about the approaching

### Noakhali

According to réports received from the control room of Noakhali district administration, a cyclonic storm with wind speed of 50 to 90 kilometres per hour swept over the entire district.

Tidal surge four to five feet high lashed the coastal areas and off-shore islands including

The surge badly damaged the embankment at Nizamdia. There was no report of casualties in the district, but thatched houses were damaged in many areas.

Extensive damage was caused to standing crops.

Bhola Entire Bhola district was hit by cyclone with a 60 km wind speed per hour and the coastal area was inundated by a three

foot high surge. Aus paddy on a vast area was submerged while many kutcha houses were damaged.

Some cattlehead were also lost in Char Zahiruddin under Tajmuddin Upazila.

Barguna

In Barguna, many kutcha

Trust of donors been commended by the Aid

calmed the situation.

From Page 1 Col. 7 the donors and the government. "This was in a striking contrast to the situation last year when there was almost a break-down of economic management with the Aid Club members expressing their strong resentment over macro-economic mismanagement by the then government," he added.

The Aid Club meeting took note of the good progress made in implementing the ESAF (Enhanced Structural Adjustment Facility) programme, supported by the International Monetary Fund (IMF)", he said. This reflected the prompt and corrective actions taken in response to the Gulf crisis, flexible exchange rate management as well as prudent fiscal policy, he

He said that the Aid Club meeting highlighted the needs for reducing wastage of public expenditures, mobilising more resources in the public sector. curbing rent-seeking activities, improving credit recovery performance by banks and other financial institutions, and eliminating corruption. The strong commitments by the government in this direction has

Club members, he stated.

The Finance Minister said that the government would make every efforts to dismantle discretionary practices, improve operational efficiency of railway, Power Development Board, Water and Sewerage Authority and other public sector bodies and introduce marketoriented reforms for functioning of an efficient private sector in a competitive environ-

He pointed out that the donors suggested rationalisation of food security arrangements and reduction of subsidies in areas where the benefits are enjoyed by the relatively advantaged social groups, he said. The subsidies will be supported by the donors only for the target groups, he added.

Replying to various conditions of the donors including the world bank, the minister said, the international aid climate is getting tougher in a unipolar world. Efficient economic management and competitive economic growth will alone draw and increasing support from the donors community in the changed international context, he added.



Prime Minister Begum Khaleda Zia inaugurating the national Education Week at Shilpakala Academy on Sunday.
—PID photo

Dikes, sea walls may not be the answer: Marilyn Quayle

# More shelters, improved early warning best solution

a big difference," Mrs. Quayle

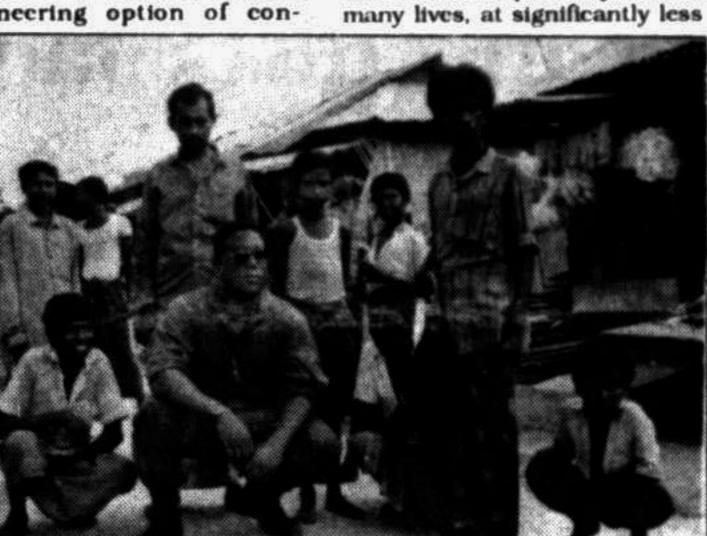
schools or hospitals or storage

facilities could probably save as

WASHINGTON, June 2: Marilyn Tucker Quayle says Bangladesh demonstrated a lot of trust in the United States in requesting that the US military provide humanitarian assistance following the devastating cyclone in that country, reports USIS.

Mrs. Quayle who visited Bangladesh at the request of President George Bush suggested in an interview that the engineering option of con-

She noted that estimates of the cost of constructing a sea wall have ranged up to 6,000 million dollars. "For a country that needs education and housing, it seems like an incredible amount of money. When an early warning system, and shelters that could be used for



Robert King (center front) a member of the US Navy from Bemout, California, spends time with some people he helped on Sandwip Island during Operation Sea Angel.

structing dikes and sea walls "may not be the best answer" to Bangladesh's predicament. Rather, she said, the best solution may be found in building more local shelters and in expanding and improving the early warning systems.

"The early warning systems and the shelters that were there saved 350,000 lives of the people that went into them. But they are few and far between. There aren't enough," she said. These shelters could be built on stilts as multiple-use structures, and when the next cyclone hits Bangladesh, "it's going to make

\_JTF/USIS photo cost," she added.

Mrs. Quayle said it was fortunate that Bangladesh this year had a bumper crop -"one of the best years they've ever had" - and that "the immediate emergency relief supplies have met the need of hunger." She said that the relief effort now is concentrating on rebuilding food stores and setting up stores of potable drinking water in preparation for the coming monsoon sea-

With the people of Bangladesh now beginning to recover from the cyclone, their priority needs are chang-

izing them: "I think it's very important for them now to develop a nationwide early warning system; to develop a shelter system village by village, so that people don't have to leave their communities; to develop real storage capabilities for both water and food in the village - not at regional points; and also to increase the awareness level in the country, which gives people a real understanding of why it's important to prepare.

ing. Mrs, Quayle said, summer-

Mrs. Quayle stressed that improved awareness is essential if Bangladesh is to prevent similar catastrophic losses from future natural disasters. "They didn't really believe that it was going to be as bad as (the warnings) said, because people didn't remember the 1970 cyclone, they didn't remember how bad it could be," she said.

"Now," Mrs. Quayle added, "You're going to see much more awareness when the warnings come." But she cautioned that the more time passes, the dimmer the collective memory of tragedy, until finally there is "a generation of people who don't know how bad it can be when the next one comes.

The people of Bangladesh are "wonderful," she said. "And they're very resilient, obviously, to be able to withstand all of the things that nature has been doing to them for thousands of years. It's not a stable geographic environment," she pointed out.

Mrs. Quayle added the children had charmed the American troops. "These children have nothing, yet they'll have a cracker and come up to us and break it, and give us half". Now, she added, there are American military men and women "whose hearts have been melted by some very sweet, dear people."

#### statistics misleading From Page 1 Col. 4 1985 cannot be said to be by private limited companies

mates about gross investment in private manufacturing sector during 1985-90 were 31 per cent lower than the survey showed. In the private sector. the lion's share of industrial investment was claimed by textiles, apparel and leather manufacturing, the report said.

The estimated investment in the public sector during Third Five Year Plan period (1985-90) was about two times higher than that in the private sector, according to the report. Most public sector investments were attracted by chemicals, petroleum and plastic manufacturing sectors.

The survey pointed out that the entry rate of the private manufacturing enterprises reached the highest level between 1982 and 1985 and then started tapering off. "The highest entry rate of the private firms during the period from January 1982 to June mainly caused by the New Industrial Policy (MIP) of 1982 because there is a gestation period between initiation of a industrial project and its starting of production", it said.

The report said, the private manufacturing sector, in terms of number of establishments, is dominated by small-sized enterprises while large-sized enterprises dominate public sector manufacturing. About 57 per cent of the private sector enterprises employ less than 20 employees while only 0.5 per cent of public enterprises employ less than 20 employees. But, in terms of gross value added, both the private and the public sector are dominated by large-sized establishments.

"As high as 69 per cent of private manufacturing enterprises is owned by single individual, 16 per cent by partnership of individuals, 12 per cent and only 1.44 per cent by public limited companies", the survey report stated.

The report identified four major problems faced by the private manufacturing enterprises. These included nonavailability of raw materials, non-availability of capital or working capital, high price of raw materials and inadequate supply of skilled workers. Unlike private sector, the problems in the public manufacturing sector are industry specific, it said. Listing the major problems facing the public sector manufacturing enterprises, it noted nonavailability of capital or working capital, nonavailability of raw materials, marketing problem, frequent power failures and labour unrest as the major constraints.

(Details on Business Page)

From Page 1 Col. 7 Minister said Tin Bigha issue is to be "sorted out".

When asked about the trade imbalance between India and Bangladesh Mr Shekhar said these were not the problem. These are adjustment of economic reality," he remarked and added that they (India) were ready to have meaningful talks with the new government of Bangladesh and more closer cooperation between the two countries.

Prime Minister Chandra Shekhar who flew to Dhaka last month for a few hours to express his sympathy with the cyclonic-storm and tidal surge victims, after cutting short of his electioneering said situation there was 'very tragic' yet, he said he had found lot of 'cordiality and affection' for him among the section of people he could meet during his

short visit. He said the region was in the grip of crisis and unfortunately the people of Bangladesh were the worst victims of natural calamities. With only courage and determination they could overcome the situation, he said.

Referring to the Indian help

for the cyclone victims, the Prime Minister said his country was ready to provide further help. India will always be with Bangladesh in this hour of crisis, he assured.

cooperation in the light of Male SAARC declaration the Indian Prime Minister said

Shibir From Page 1 Col. 8

campus strike tomorrow (Monday) and Tuesday. During the strike, Oikkya Parishad activists brought out a procession on the campus and held a rally at the University

Railway Station square. The work abstention programme of the Chittagong University Teachers Association (CUTA) also began today for an indefinite period demanding resignation of the VC.

Meanwhile, the Chittagong University Central Students' Union (CUCSU) gave a 10-day ultimatum beginning Saturday calling on the authorities to immediately arrest "identified armed miscreants" of the Islami Chhatra Shibir who they said had been terrorising the campus disrupting academic atmosphere.

changing fast. He hoped "we all will realise this and we should also change our atti-

Wishing prosperous happy Speaking about regional future for the people of Bangladesh Chandra Shekhar expressed the hope that they would be able to march ahead overcoming the tragedies of natural calamities.

> Turning to his country's political situation the Indian Prime Minister said the assassination of Rajiv Gandhi who was a young man with promising career was a tragedy.

### BFUJ, DUJ leaders call on Khaleda

The leaders of Bangladesh Federal Union of Journalists (BFUJ) and Dhaka Union of Journalists (DUJ) Sunday met Prime Minister Begum Khaleda Zia at her secretariat, reports BSS.

They discussed with the Prime Minister the matters relating to their profession and of the newspaper indus-

# The Midnight File

### Jordan for direct talks with Israel

AMMAN, June 2: King Hussein, in an interview published Sunday, said face-to-face talks with Israel should be conducted soon. The taboos must disappear,' the king was quoted as telling the French weekly Le Point when asked if he was ready to meet with Israeli leaders. "We shouldn't torture ourselves with too much soul-searching. We feel we should meet everybody," he said in the interview, conducted in the Jordanian capital, reports AP.

### US won't pressure Israel

CAIRO, June 2: US Defense Secretary Dick Cheney said Sunday the United States, will not pressure Israel or Arab states into starting Middle East peace talks by threatening to cut off arms supplies. Cheney said the United States remained committed to ending the Arab-Israeli conflict, but warned that the process will require "great tenacity and determination and may need a lot of time," reports AP.

### Violent protests in Seoul

SEOUL, June 2: Thousands of South Korean students and workers hurled petrol bombs and rocks at police in Seoul and Pusan today in violent anti-government protests. In Kwangju, high school student Kim Chol-Soo, 18, died in hospital two weeks after setting himself on fire. He was the ninth antigovernment protester to commit suicide since police beat student Kang Kyung-Dae to death on April 26, reports AP.

## Ershad's plea rejected

From Page 1 Col. 8

imously rejected the petition. Meanwhile, the Special Tribunal is scheduled to resume the case proceedings today (Monday) with the Prosecution deposing its arguments on the basis of the deposition of the witnesses.

The arguments were scheduled to be held on May 14, but because of the Writ petition by the Defence in the High Court alleging a biased Tribunal Judge, the Tribunal adjourned the proceeding as it was conventional to await the judgement of the upper court. Even after directives of the

High Court the Special Tribunal could not resume pro-Suranjit

From Page 1 "ol. 5

Awami League. He said, other should take responsibility in this regard, she added. elements might have been in-Education Minister Dr. Badruddoza Chowdhury called for united efforts of students. teachers, guardians and political parties to overcome the problems that have been created in the educational arena

over the last nine years. He said that the present government was politically committed to spread education to all. All sections of the people should work to make the government's mass education programme a success, he

Khaleda

From Page 1 Col. 7

Referring to the main

theme of the week, 'education

and democracy,' Begum Zia

said that the light of education

could be spread through

appropriate education she said

the government did not want

to increase the number of edu-

cated unemployed. Courses

and curricula, lessens and

methods of education should

be suited to the socio-eco-

nomic realities and non-formal

education be introduced

alongside formal education,

by the government to improve

the situation in the educational

arena she said that the age

limit for entrance to govern-

ment jobs had been raised to

30 while committees were

constituted to evolve steps to

end sessions-jam and check

She called for identifying

the factors that make students

resort to copying and take

steps to remove these. Stu-

dents should no longer be

made to face the shame of sit-

ting for examinations under

Section 144. Nine year's of au-

tocratic rule demolished all

values. Teachers and guardians

copying in examinations.

Listing the measures taken

Emphasising the need for

democratisation of education.

Principal Md Yunus Khan said that the Education Week was meant for evaluating activities of each year and taking up future programme.

**Education Secretary ANM** Yusuf said illiteracy eradication was not possible just by relying on a compulsory primary education programme which still had many limitations. He called for making mass education a success through participation of all.

The inaugural function was followed by two seminar sessions. Prof. M Shamsul Huq. Chairman, University Grants Commission presented a paper in the first session presided over by A N M Yusuf. An open discussion was held in the second session

Related story on page 3 and also

ceedings scheduled for June 1 as by then the Defence had appealed in the Appellate Division on the High Court judgement.

The Appellate Division chaired by Justice M H Rahman, Justice A T M Afzal, Justice Mostafa Kamal and Justice Latifur Rahman sat at 9 am but the hearing on the petition be-Strajul Haque submitted

afraid he would not get fair

said that the allegations against the Judge were wild and base-

volved in the intimidation at-High Court under Section 526 Suranjit who was also acon March 27. companied by his party chairman Syed Altaf Hussain

said he was on the 'hit list' of certain quarter. The Ganotantri Party leader said, it was not wise to criticise any one after his death anniversary, so he avoided the bad side of Ziaur Rahman during his talks on the Television. Suranjit said, there should

be a code of conduct of the the Writ petitions. Eight-party Alliance so that the members of its components could act accordingly. He said the constituent parties of the alliance had their

Suranjit said all the political parties were forgetting about the Joint Declaration of the three alliances. Certain political party was trying to make democracy its party property and some others are trying "militarisation" of democracy, but none is acting in true democratic spirit, he

own politics and strategy.

He said the attack on his residence was mainly due to his democratic attitude. He also said the recent incidents in different universities were nothing but manifestation of anarchism and in no way those could be considered good for the nation.

gan at 9.20 as the Defence Lawyer Stratul Haque arrived at the Court a bit late. that his client Ershad was

trial at the Special Tribunal because the Judge of the Tribunal seemed bent towards the Prosecution. On the other hand the Attorney General Aminul Haque

He said that the Tribunal gave time to the accused when he made the petition in the

As such the allegation that the Judge did not allow time to the accused for transfer of the case does not stand, the Attorncy General said adding that the petitioners of the accused availed the chance to transfer the case after the deposition of the evidences, and at this stage the High Court

generally does not entertain The Judges asked the Defence Lawyers to show where the High Court had done

wrong in giving the judgement. But Defence Lawyer Strajul Haque could not point out anything other than try to bring up fresh allegations against the Judge of the Tribunal.
The judges of the Appellate

Division commented on the argument of the Defence Lawyer that the accused feared the bias of the Tribunal Judge saying that nothing of the sort was proved.

The Judges of the Appellate Division also said that the Defense did not raise any objection during the proceeding of the case about the Judges being biassed on the basis of which the Defence could stand his ground.

The hearing of the petition continued till 11 am.



## ঢাকা সিটি করপোরেশন

व्याशनात्र शतिरवर्ग मुन्दत्र ও शतिष्टत রाधून আপনার শিশুকে টিকা দিন

সিটি করপোরেশনের সম্মানিত করদাতাগণকে জানানো যাইতেছে যে, যে সকল করদাতা ৩০শে জুন ১৯৯১ ইং তারিখের মধ্যে তাহাদের দেয় বকেয়া ও হাল সনের সমুদয় কর একত্রে পরিশোধ করিবেন, সে সকল করদাতার ক্ষেত্রে বকেয়া করের উপর আরোপিত সমস্ত সারচার্জ বর্তমান সরকার মওকুফ করিয়াছেন। যে সমস্ত করদাতা ৩০শে জুন '১১ ইং তারিখের মধ্যে সমুদয় পাওনা কর পরিশোধে ব্যর্থ হইবেন, তাহাদের বকেয়া করের উপর আগামী ১লা জুলাই '৯১ ইং হইতে শতকরা ১৫% (পনের) টাকা হারে সারচার্জ আরোপ ও আদায় করা হইবে।

সূতরাৎ সম্মানিত করদাতাগণকে আগামী ৩০-০৬-৯১ ইং তারিখের মধ্যে বকেয়াসহ হাল সনের সমুদয় কর একত্রে পরিশোধ করিয়া বকেয়া করের উপর আরোপিত সমস্ত সারচার্জ মওকুফের সুযোগ গ্রহণ করার জন্য অনুরোধ করা হইল।

উল্লেখ করা যাইতে পারে যে, নগরবাসীর ট্যাক্সের অর্থেই সিটি করপোরেশন নগরীর রাস্তাঘাট तक्षेपार्टिक ने उन्हों प्राप्त प्राप्त वार्वे विकास विकास कार्य क প্রদান করিয়া থাকে

অতএব, নগরীর সমানিত করদাতাগণকে সময়মত কর পরিশোধ করিয়া নগরীর উন্নয়নে করপোরেশনকে সহায়তা করার জন্য বিশেষভাবে অনুরোধ করা হইল।

> বা/-মেয়র

ডিসিসি/পিআরডি/৩২০/৯০-৯১

ঢাকা সিটি করপোরেশন, ঢাকা

Editor : S. M. Ali

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