

A presentation on Assam Flood & its solution by
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Interim management

Permanent Solution

Flood Warning

- *Flood warning can be used as efficient system to to save human life and livestock*
- *People can escape to higher ground shelters, schools, colleges, Namghar etc*
- *The relief workers can easily access them with relief facility*
- *The hygiene and sanitary facility can be provided.*
- *The Flood warning is being practised in Bangladesh over 30 years*
- *India being advance in science and technology can easily implement it.*

Flood Shelter

- *Bangladesh also has flood shelter in position in higher grounds .*
- *The flood shelters are community accommodation similar to ware house, to be built close to flood prone areas.*
- *It can provide all the facilities for many people to live together.*
- *Livestock can be sheltered in surrounding areas under the super vision of state veterinary service and block development officers (BDO)*

Permanent solutions

- *River Mississippi (USA) project*
- *Dredging the tributaries, floodgate on the main river, canal connected*
- *From the tributary to a flood reservoir at a distance from the tributary.*
- *The reservoirs used for fishery, habitat , boating , canoeing and resort.*
- *Brahmaputra has tributaries , some of them can be targeted.*

Hoang Ho model

- *It is exclusively Dam System*
- *Producing vast electricity*
- *People of Assam are opposed to Dam*
- *Must be for a very good reason*

Thames Barrier

- *River Thames arises from a brook in Cotswold in south west coast of England*
- *It is 210 miles long, traversing, Oxford, Reading, Windsor, spiralling round the city of London, ultimately falling on to North sea in Teddington near Woolwich, where it becomes Tidal. The giant tidal wave from North Sea can sink more than half of London.*
- *It did in 1953, when more than 300 people lost their lives. Massive damage caused to properties, both over ground and under ground public Transport. The Govt decided to build Thames Barrier. The Engineers, designers started working on it from 1974, completed and inaugurated by the Queen in May 1984.*

The Barrier



Thames Barrier

- *It is one and only movable flood barrier in the world.*
- *The barrier goes up by hydraulic power as tidal wave comes from North sea.*
- *It can reach up to 5story building.*
- *It has water reservoir mechanism in it, to contain 35,000 tons of water per section, to be released back to river Thames by hydraulic operated syphon .*
- *Not the barrier but water reservoir can be applied to Brahmaputra with 21 century technology with Indo British collaboration.*
- *Brexit Britain may welcome this endeavour.*