



WWF's partnership in the Yangtze Forum, PR China

-- Promoting IRBM to Sustain a Living Yangtze, the Lifeline of China

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WWF Beijing Office

Vientiane Lao PDR
26 Sep. 2008





Outline

1. Water Issues in China
2. Development and protection in the Yangtze River Basin
3. Existing problems in the Yangtze
4. Brief of the Yangtze Forum
5. WWF's Partnership
6. Yangtze Vision





1. Water Issues in China

Floods(“水多”):

(loss \$20 billion in 1998; \$10 billion average annually)

Shortage(“水少”):

400 cities among 648 lack of water

Pollution(“水脏”):

60% of water in 7 longest rivers not drinkable

Erosion(“水浑”):

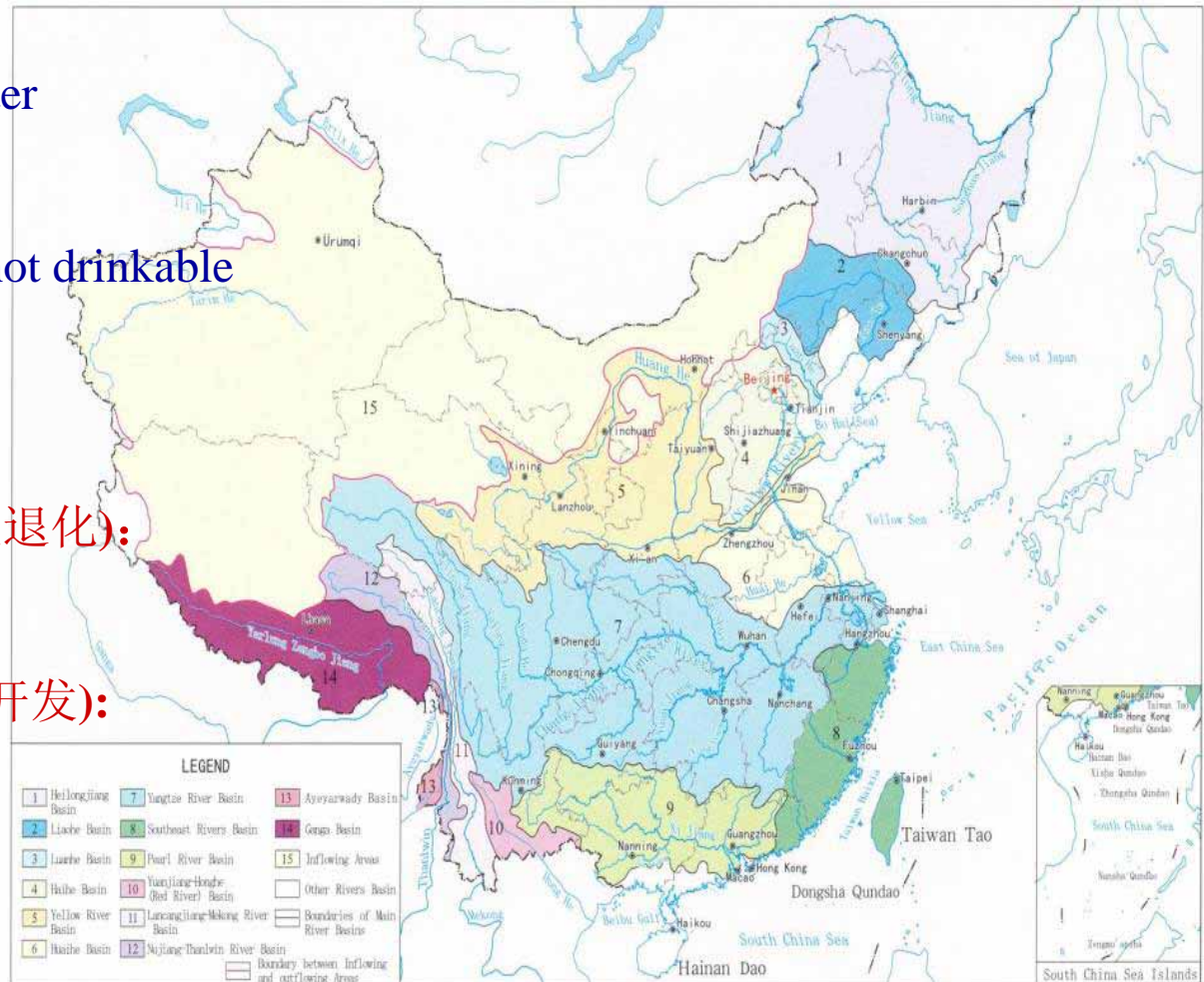
soil erosion and sediments

Biodiversity loss (水生生态系统退化):

fragmentation, species

Over-exploitation (水资源过度开发):

extraction, hydropower, fishery



Major River Systems in China



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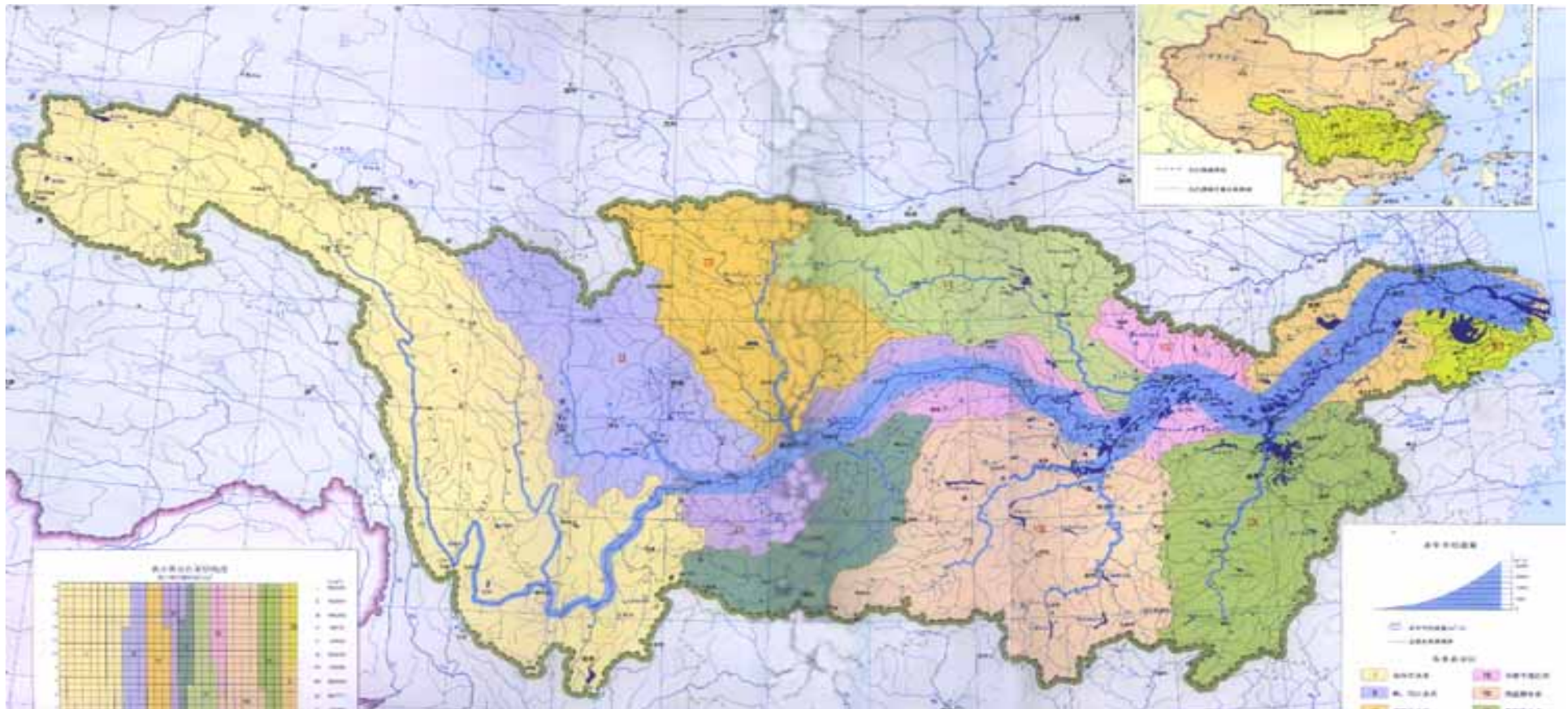
2. Development and Protection in the Yangtze Basin

The Yangtze River

6,300 km long covers 1.8 million km², which involving 19 provinces, 35% of China's runoff

The Yangtze Basin

less than 1/5 nation's territory, 1/3 population, grain, GDP





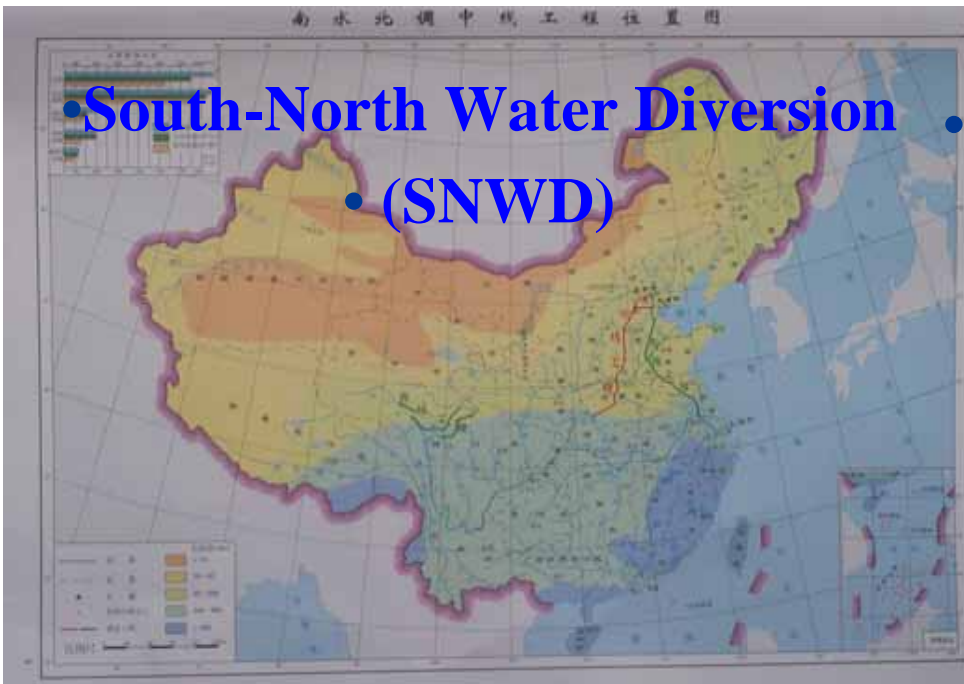
Yangtze Three Gorges Project (TGP)



南水北调中线工程位置图

- **South-North Water Diversion**
- **(SNWD)**

- **Yangtze River Estuary Regulation**



3. Existing Problems in the Yangtze Basin



Four major water problems:
(1) water resources
(2) water disasters
(3) water environment
(4) water ecology





IRBM is the best approach to address these issues...

- Protection of the Yangtze River needs cooperation among all stakeholders.
- Initiative of the Yangtze Forum is a strategic, fundamental measure to ensure the health, development and prospect of the Yangtze and for the sustainable development of the Yangtze Basin.

Reasons:

- Conflicts among Water-related laws,
- Nine Dragons (*Water management authorities*) managing water

Platforms:

- Yangtze Forum (YF),
- International Yellow River Forum(IYRF),
- Yangtze River Forum of Organism Resources Conservation

IRBM Framework

- Institutional arrangements
- River Basin Management Planning
- Stakeholder and public participation
- Science & Technology support
- Priorities for implementing IRBM



4. Brief of the Yangtze Forum

-- Protection and Development



Theme:

- Aims at 'Ensuring a Healthy Yangtze and Promoting Harmony between Human and Nature'; and
- Intends with scientific concept of development to advance IWRM and IRBM in the Yangtze Basin, in order to achieve a sustainable development of society, economy, ecosystem and environment in the Basin.

Main objectives:

- A platform for information & knowledge sharing
- A mechanism for dialogue among the ministries, provinces, river basin organizations, and other key stakeholders
- A network of partners: various govt. agencies, NGOs, international organizations, scientists and the public.

The ultimate goal:

To explore and demonstrate tailored river basin management mechanism for the Yangtze and China



Yangtze Forum Organigram

Yangtze Forum Organizing Committee

Yangtze Forum Secretariat

Scientific Advisory Group
(to be set up)

- 9 National Level Co-Sponsors:**
- Ministry of Water Resources (MWR)
 - State Forestry Administration (SFA)
 - Ministry of Environmental Protection (MEP)
 - Fishery Bureau of Ministry of Agriculture (MOA)
 - Office of the State Council Three Gorges Project Construction Committee
 - Office of the State Council South-to-North Water Diversion Construction Committee
 - National Natural Science Foundation of China (NSFC)
 - Chinese Academy of Sciences (CAS)
 - China Council for International Cooperation on Environment and Development (CCICED)

- 5 River Basin Level Co-Sponsors:**
- Changjiang (Yangtze) Water Resources Commission (CWRC) of MWR
 - Yangtze Shipping Administration (YSA) of Ministry of Communications (MOC)
 - Yangtze Fishery Resources Commission (YFRC) of MOA
 - Upper Yangtze Water & Soil Conservancy Commission
 - Changjiang Association of Technology and Economy

- 11 Provincial Level Co-Sponsors:**
Qinghai, Xizang (Tibet) Autonomous Region, Sichuan, Yunnan, Chongqing Municipality, Hubei, Hunan, Jiangxi, Anhui, Jiangsu, Shanghai Municipality

2 International Co-Sponsor: **World Wild Fund for Nature (WWF)**, and GWP (China)

1 Corporate Co-Sponsor: China Three Gorges Project Corporation (CTGPC)



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The First Yangtze Forum

---April 16-17, 2005, Wuhan, China





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Ensuring a Healthy Yangtze and Promoting Harmony between Human and Nature

The Forum aims to, in conjunction with all stakeholders,

- create a platform for high level dialogues, cooperation mechanism and academic exchanges,
- call for scientific, civilized and advanced river culture,
- impulse unified measures and actions of the whole society,
- plan as a whole the protection and development, coordinate the protection & development,
- maintain the healthy Yangtze, and
- promote the water-human harmony

for sustainable socio-economic and environment development in the Yangtze Basin.



Yangtze Declaration

— *on Protection and Development*

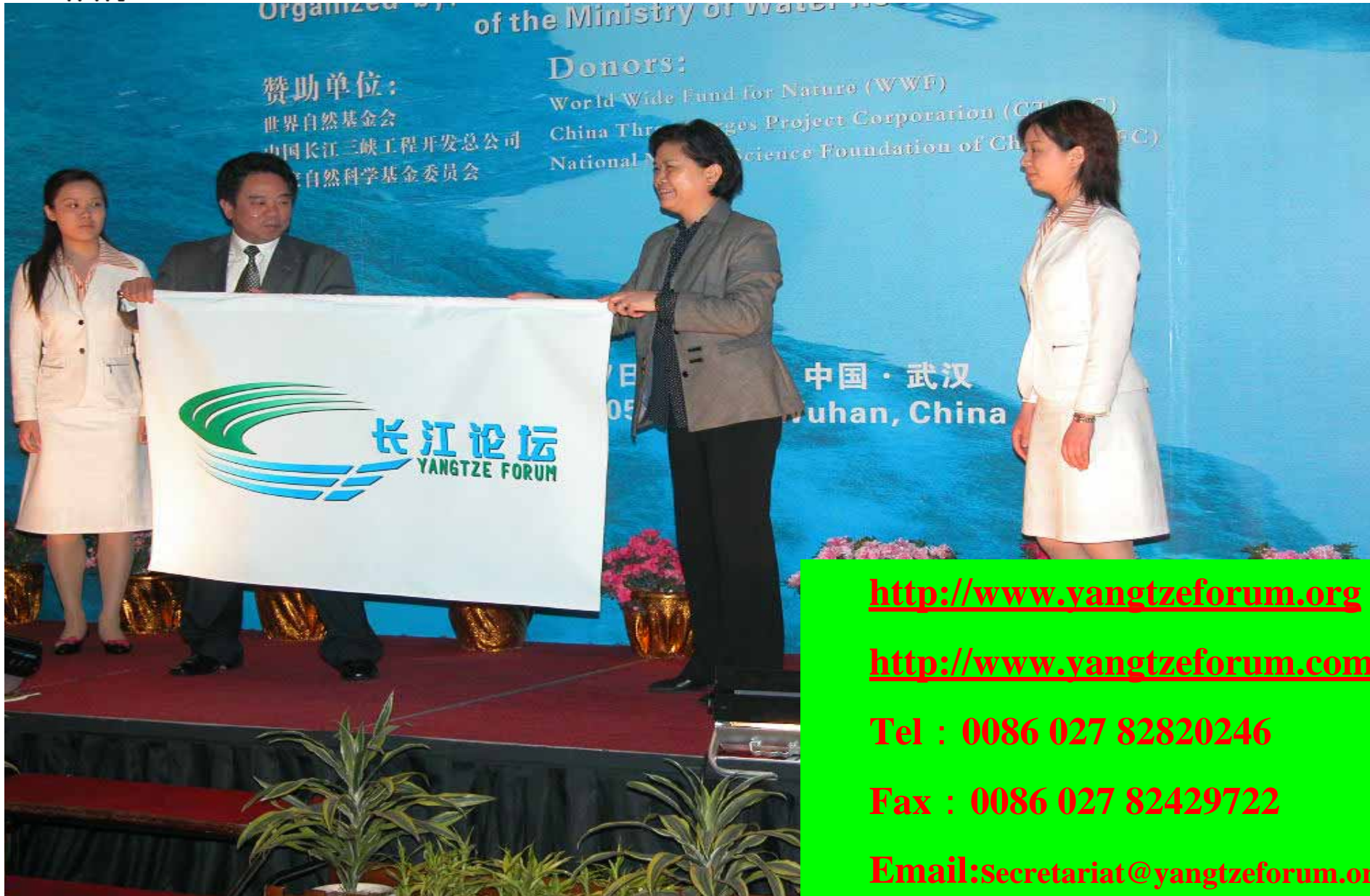
April 17, 2005, Wuhan, China

We, the representatives of central government, eleven provincial governments and the river basin authority, representatives of domestic and international organizations, have jointly launched and met at the First Yangtze Forum from 16 to 17 April, 2005, in Wuhan, China. After extensive and in-depth discussions focusing on eco-environment protection, water hazards prevention and control, resources development, and socio-economic development in the Yangtze Basin, we come to an agreement on proclamation of this *Yangtze Declaration on Protection and Development*, calling for active participation of all stakeholders of the society in collaborative efforts to concurrently protect and develop the Yangtze River and ensure a healthy Yangtze for our future generations.

We recognize: The Yangtze River, the largest river in China and the third largest in the world, is not only one of the cradles of the splendid Chinese Civilization, but also the crucial lifeline to secure the sustainable socio-economic development of the nation. The Yangtze River basin, an area less than 1/5 of the nation's territory, feeds 1/3 of the nation's population, with both grain production and GDP accounting for 1/3 of the nation's totals. The Yangtze River Economic has nowadays become the most vigorous and promising economic belt in China. The Yangtze River Basin provides 36.5 % of China's freshwater resources, 48 % of China's exploitable hydropower potential and 52.5 % of China's total mileage of inland navigation waterways, making it China's the main base for hydropower development, strategic source supplying water for the northward diversion schemes through three routes (the East, Middle and West Route), the "Golden Waterway" linking East, Central and West part of China, and the treasury house of endangered rare and precious aquatic species. In sum, to better protect, manage and develop the Yangtze River is not only intimately relevant to the well being of over 400 million inhabitants in the basin, but also to the nation's socio-economic development in general.



Handover of Forum Flag from Madame Cai to Hunan Province



<http://www.yangtzeforum.org>

<http://www.yangtzeforum.com>

Tel : 0086 027 82820246

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Email: secretariat@yangtzeforum.org

The Second Yangtze Forum

----April 15-17, 2007, Changsha, Hunan Province



About 600 representatives, including 200 foreigners



维护健康长江 促进人水和谐

保护洞庭湖行动纲领 第二届长江论坛长沙宣言

湘江，是华中腹地的重要门户，是洞庭湖的命脉... 湘江流域人口密集，是华中腹地的重要门户... 湘江流域人口密集，是华中腹地的重要门户...

编者按 由水利部、国家环境保护局、国家林业局等部委和长江干流11个省(直辖市、自治区)共同发起的第二届长江论坛... 论坛旨在进一步探讨“保护与发展”主题...

2007年4月召开的第二届长江论坛在国内引起了强烈的反响... 论坛旨在进一步探讨“保护与发展”主题...

维护健康长江 促进企业可持续发展 倡议书

尊敬的各位领导、各位同仁：您好！湘江，是华中腹地的重要门户... 倡议书旨在呼吁企业界人士共同关注长江流域的生态环境保护...

建立人与自然和谐的未来

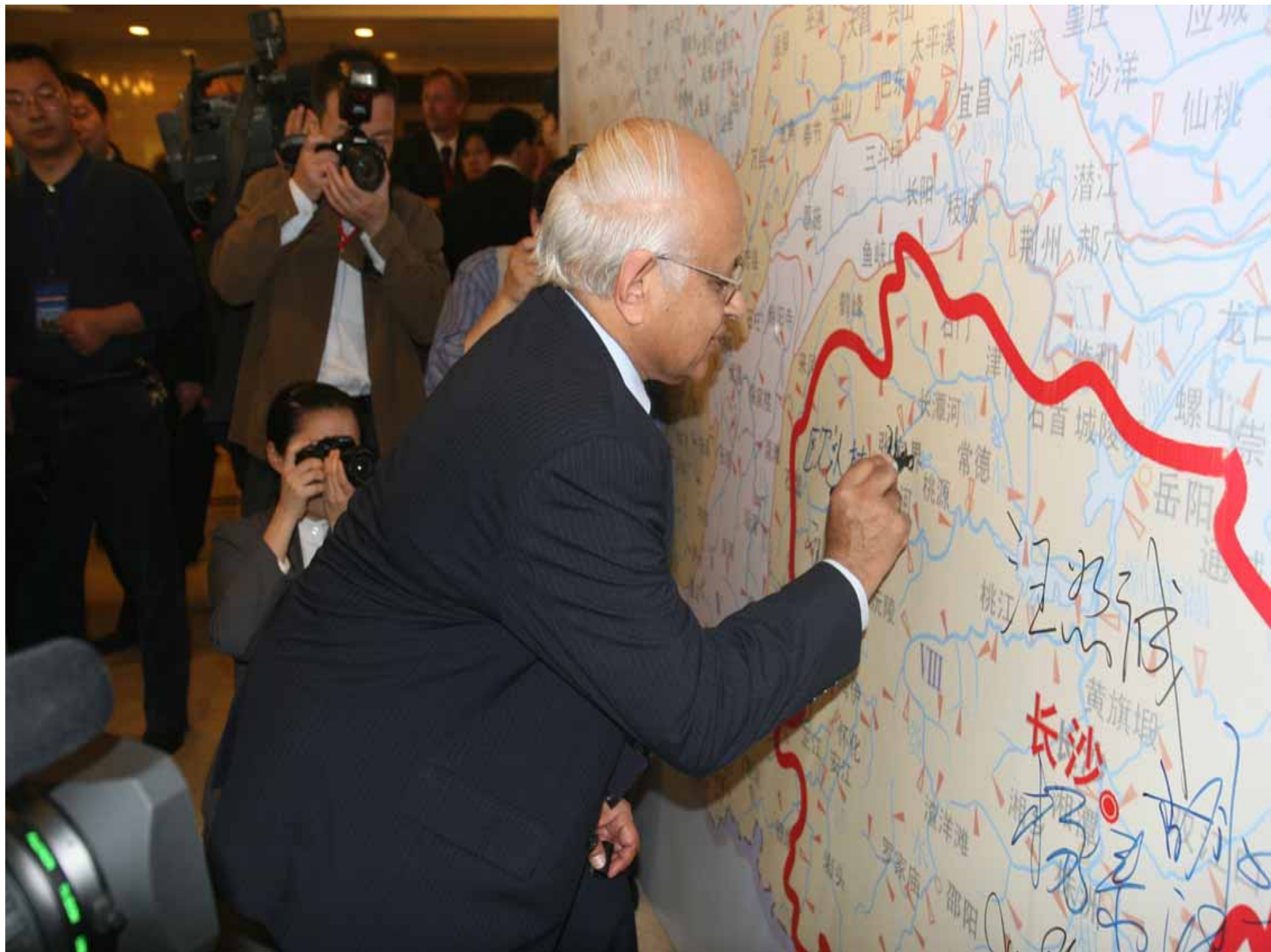
作为长江经济带的重要组成部分，洞庭湖是华中腹地的重要门户... 倡议书旨在呼吁企业界人士共同关注长江流域的生态环境保护...

健康长江的基本内涵与保障措施

健康长江的基本内涵... 保障措施... 健康长江的基本内涵... 保障措施... 健康长江的基本内涵... 保障措施...



第二届长江论坛长沙宣言... 水利部副部长李国英... 国家环境保护局局长潘岳... 国家林业局副局长仇焕庆... 水利部总工程师李国英... 水利部总工程师李国英... 水利部总工程师李国英...





5. WWF's Partnership in the Yangtze Forum

I. Exposure: Keynote Speech, chairing and presentations

- (1) James P Leape, Honorable Chairman of the 2nd Yangtze Forum, gave a Keynote Speech;
- (2) Dermot O'Gorman, Vice Chairman of the 2nd Yangtze Forum, chaired the Plenary Session;



- (3) Invited VIP domestic & international presenters: SUN Honglie, Murray-Darling, Loire, Danube, Fraser, Ramsar Bureau, Corporate – Coke & HSBC, WWF etc.

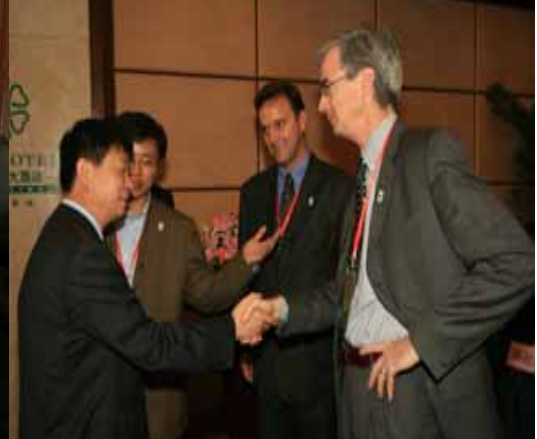




II. One Report - Driving Yangtze IRBM

- More than 1000 books have been released;
- Dozens of major media reported
- More 140 news reports have been gathered in Chinese medias by April 24.

The Chinese Premier Wen Jiabao instructed on the Executive Summary of the Report on April 28.





III. Three MOUs - Formalizing corporation with CWRC, CAS, HN Prov.

- (1) Signed MOU with CWRC for 5 year framework (Commissioner Cai)
- (2) Signed cooperate contract with CAS (Vice President Li Jiayang)
- (3) Signed MOU with HN Provincial Department of WR (Mr. Zhang Shuofu, Director General)





IV. Mainstreaming IRBM through four Sub-forums

- **IRBM (Integrated River Basin Management)**
- **Healthy River**
- **Corporate Engagement**
- **Dongting Lake**
- *Flood Control*





V. High level partnership - High visibility and strong influence

- (1) Mr. Zhou Qiang, Hunan Provincial Governor meet with James P Leape, Dermot O’Gorman and Jamie Pittock**
- (2) Prof. Wang Shucheng, Minister of Water Resources met with WWF Delegation, commence the formal cooperation with MWR**
- (3) Madam Cai Qihua, Commissioner of CWRC met with WWF Delegation, Witnessed the signing of MOU**
- (4) Academician Li Jiayang, Vice President of CAS met with WWF Delegation**
- (5) Mr. LI Ganjie, Vice Minister of SEPA**
- (6) Mr. YANG Xiong, Vice Mayor of Shanghai**
- (7) Mr. MA Yi, Deputy DG, Yangtze Fishery Resources Management Committee, MOA**





VI. Communications and Branding:

Exhibition Booth and Balloon, Supporter and Donor in 6 backdrops, media interviews, Materials and Clipping



首部体检报告显示长江总体健康; 专家称部分输工者片面追求蓄水速度

【本报综合】长江干流水质总体健康，但部分支流水质较差。专家指出，部分输工者片面追求蓄水速度，忽视了生态环境保护。报告指出，长江干流水质总体健康，但部分支流水质较差。专家指出，部分输工者片面追求蓄水速度，忽视了生态环境保护。报告指出，长江干流水质总体健康，但部分支流水质较差。专家指出，部分输工者片面追求蓄水速度，忽视了生态环境保护。

蓄水 135 米后 2 峡支流现水华

【本报综合】三峡水库蓄水至 135 米后，部分支流出现水华现象。专家指出，水华是由于水库蓄水后，水流速度减慢，营养物质积累所致。相关部门已采取相应措施，防止水华进一步扩散。

微震活动 不威胁三峡库区

【本报综合】三峡库区近期发生多次微震，但专家认为这些微震活动并不构成对库区的威胁。专家指出，微震是由于库区地质构造复杂所致，属于正常地质现象。

Pollution takes heavy toll on Yangtze

By Sun Xiaohua

CHANGSHA: Billions of tons of waste dumped into China's longest waterway are taking a massive toll on its aquatic life, according to the first annual health report on the Yangtze River.

The river, the world's third longest, is hit by natural disasters, deterioration of water quality and loss of biodiversity, said the Yangtze River Conservation and Development Report 2007.

The nation's first comprehensive study of the river said that about one tenth of the 6,211 km main stream is in critical condition.

Almost 30 percent of its major tributaries, including the Minjiang, Tuojiang, Xiangjiang and Huangpu rivers, are heavily polluted by excessive ammonia, nitrogen, phosphorous and other pollutants, according to the report released at a forum over the weekend in Changsha, capital of Hunan Province.



A heavily polluted section of the Yangtze River in Yichang, Hubei Province. Liu Junfeng

"A direct result of pollution is shrinking fish catch," said Li Lifeng, freshwater program director of the World Wild Fund for Nature (WWF) China.

The river's annual harvest of aquatic products dropped from 500,000 tons in the 1950s to

about 100,000 tons in the 1990s. "Fishermen along the river said even if they catch some fish from the polluted river, they dare not eat them," Li said.

The report was compiled by experts from the Chinese Academy of Sciences, the Yangtze River Water Resources Commission affiliated to the Ministry of Water Resources, and the WWF.

Last year, more than 26 billion tons of wastewater was pumped into the river, which runs through 11 provinces and municipalities.

Pollution, damming and heavy traffic have caused a dramatic decline in Yangtze aquatic life. Rare species such as the white-flag dolphin are thought to be on the verge of extinction and common species such as the carp are gasping for survival, the report said.

"The impact of human activities on the Yangtze water ecology is irreversible," said Yang Guishan, a researcher at the

Nanjing Institute of Geography and Limnology affiliated to the Chinese Academy of Sciences and one of the chief editors of the report.

"It's a pressing job to regulate such activities in all the Yangtze drainage areas."

The report also warned of increased flood risks.

The Yangtze accounts for about 35 percent of China's total fresh water resources but it's also responsible for 70-75 percent of the country's floods, the report said.

Flood control remains an arduous task along the Yangtze, given the rising temperature and frequent occurrences of extreme weather over the last 50 years, said Yang.

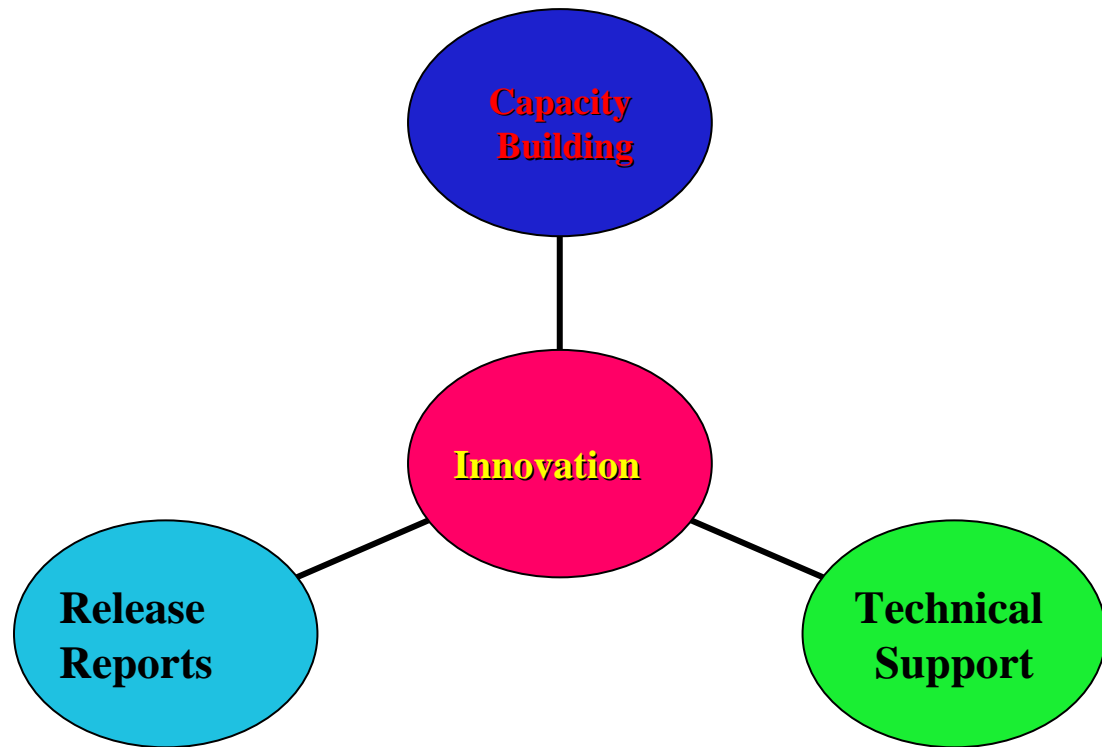
Although the Three Gorges Dam has reduced flood risks in the middle reaches, the risk of flooding remains high in the lower reaches, he said.

Yangtze, Page 2



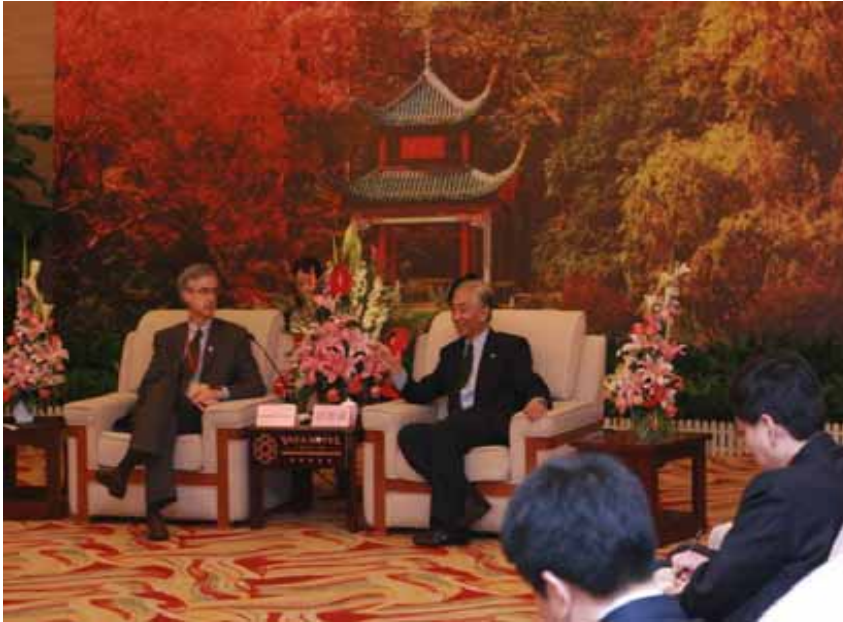


Contribute to the Platforms by Innovation & Capacity Building





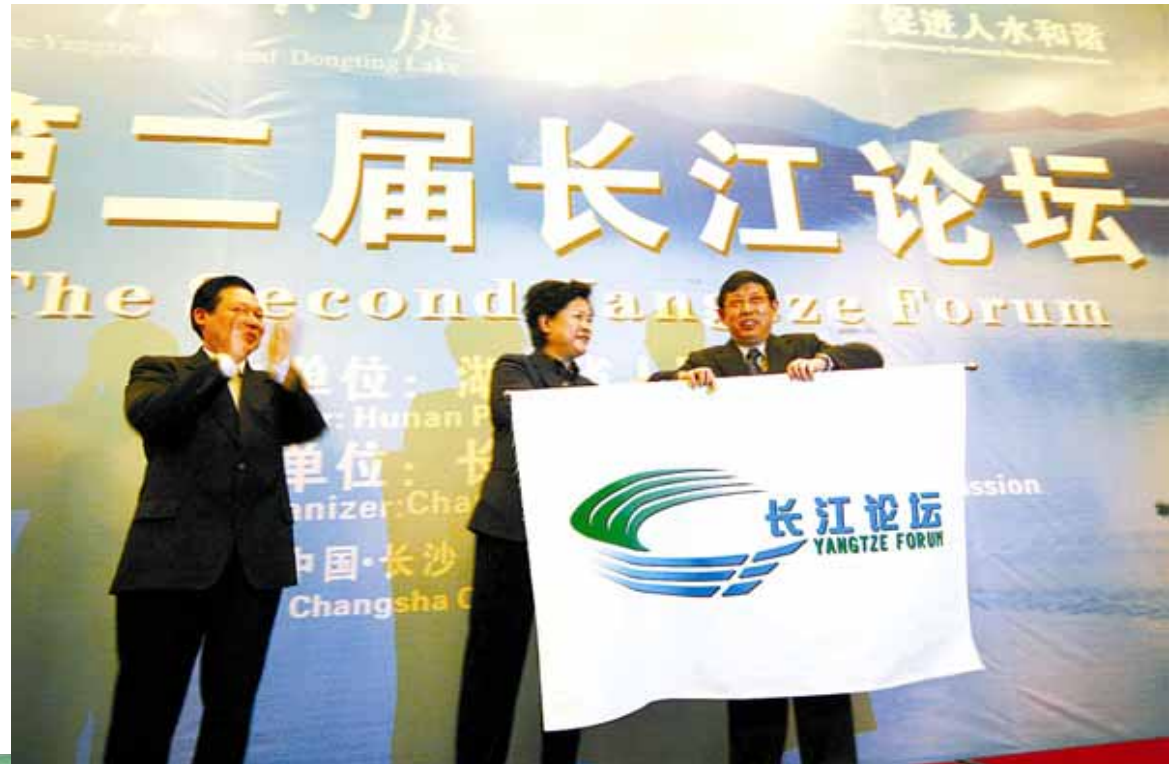
Good partnership with MWR





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**Handover of Forum Flag
from Hunan to Mr. Yang
Xiong, Executive Vice
Mayor of Shanghai
Municipality**





The 3rd Yangtze Forum

- Theme: Yangtze, City and Estuary
- Time: 20-22 April 2009
- Five Sub-forums:
IRBM, Climate Change, Estuary, Corporate, Large Rivers

长江论坛组织委员会

Yangtze Forum Organizing Committee

Jun. 18th, 2008

Invitation for the Third Yangtze Forum

(First Official Announcement)

Dear Sir/ Madam:

The First Yangtze Forum on Protection and Development, jointly sponsored by the Changjiang (Yangtze River) Water Resources Commission, China Council for International Cooperation on Environment and Development, the World Wide Fund for Nature and others, was successfully held in April 2005 in Wuhan, Hubei Province, China. And the Second Yangtze Forum organized by Hunan Provincial Government, with the theme of "The Yangtze River and Dongting Lake", was also successfully held in April 2007 in Changsha, Hunan Province.

The Yangtze Forum has aroused great echoes and attracted broad domestic and international attention and support with its new concept and form. It plays a very active role in promoting the integrated management and the sustainability of socio-economic development in the Yangtze Basin.

Organized by Shanghai Municipal Government, the Third Yangtze Forum will be held in April 2009 in Shanghai themed as "Yangtze • Estuary • Cities".

The main proposed sub-forums focus on "Climatic Change and City Safety", "Estuary Management and Ecological Protection", "Integrated Management River Basin" and others.

Papers relative to above subjects are welcomed and will be collected in the proceedings of the Third Yangtze Forum. It is highly appreciated if the paper abstracts could be submitted to

the Secretariat of the Third Yangtze Forum Organizing Committee (in Shanghai) before September 30, 2008.

Plenary session and parallel sub-forums will be held during the Forum with summit forum and sub-forums. Senior domestic and foreign representatives will be invited to give keynote speeches at the Forum.

It is our great honor to invite your kind presence at the Third Yangtze Forum.

For more details, please visit the website of the Forum: <http://www.yangtzeforum.org/>

Looking forward to your early response.

With best regards!

Annex:

Feedback (First Round)

The Secretariat of the Third Yangtze Forum Organizing Committee (in Shanghai)

Address: the 25th floor, No.100 Dagu Road, Shanghai, 200003, P.R. China

Zip code: 200003

Tel: 86-21-23116421

Fax: 86-21-63366806

Contactee:

Email: CJLT2009@126.com



Annex:

Feedback

(First Round)

Name			Sex	
Title/position				
Organization				
Address				
Zip code	E-mail			
Telephone	Fax		Mobile	
Remarks				

Note:

- 1) The return of the feedback by September 30, 2008 to the secretariat of The Third Yangtze Forum Organizing Committee (in Shanghai) would be appreciated.
- 2) In case with a dependent, additional copy is needed.
- 3) The information in the feedback will be taken as the formal information of the attendee.



6. Yangtze Vision

A region:

Where a living river links the Tibetan Plateau and the Pacific.

Where people thrive in harmony with nature, pandas play in the forests, children swim with dolphins and fish in the clear water, pheasants dance among the rhododendron, and cranes sing at sunrise.

Where natural cycles sustain a rich and ancient culture.

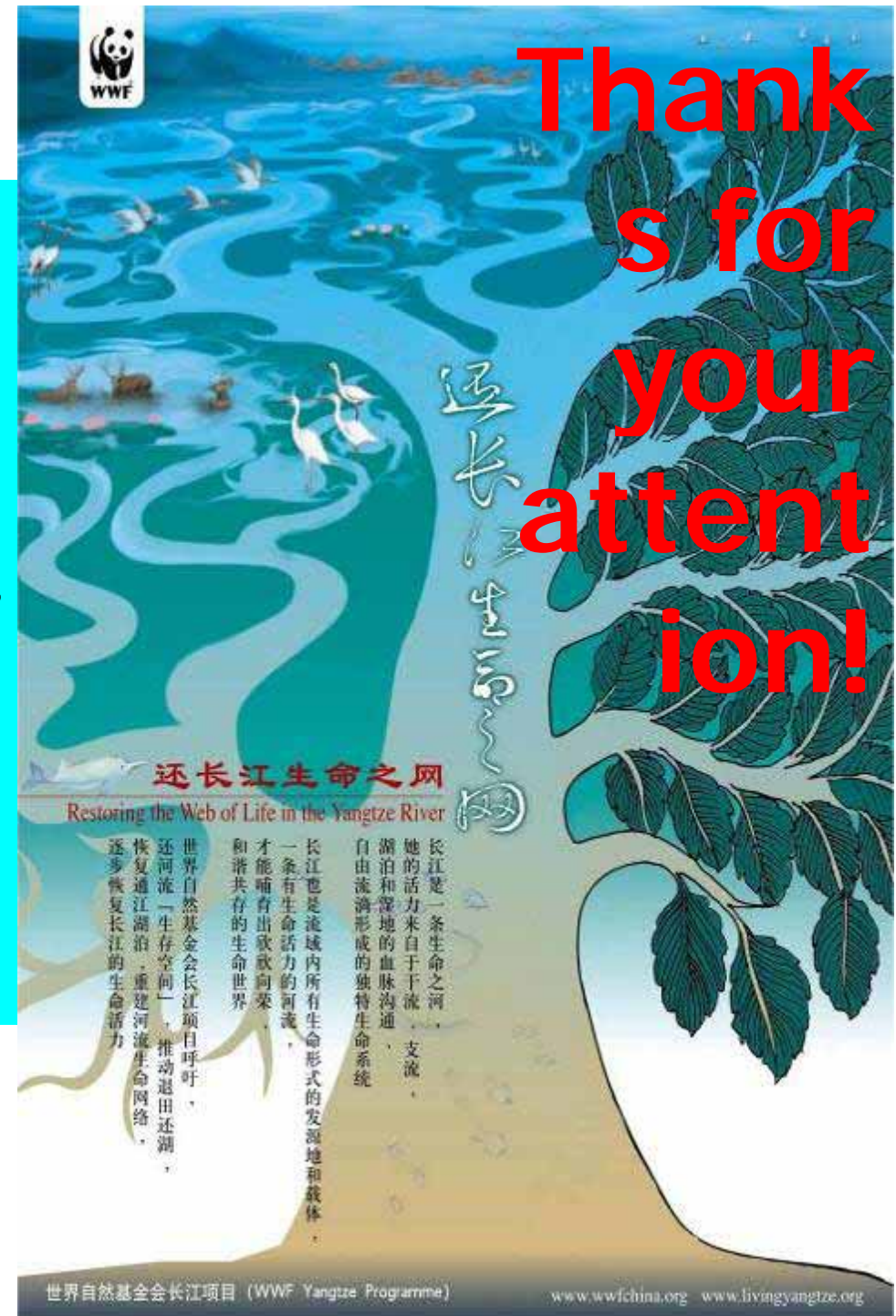
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Thanks for your attention!