Strategies and Guidelines for Waterfront Developments

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STRATEGIES AND GUIDELINES FOR WATERFRONT DEVELOPMENTS

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GUIDE TO THE EXPLORATORY RESEARCH

- Prelude
- The Background
- Statements of Research Problems
- Research Objectives
- Strategic Objectives
- Strategic Guidelines
- General Urban Design Guidelines
- Epilogue
- Attitude Towards the River
Purpose of Research – **Quick respond** from Landscape Architects, Local authorities are emphasizing the **potential use** of urban waterfronts. Most cities in Malaysia are **situated** on the water edge.

Constraints – Lack of **linkage**, Limited **landscape**, Prone to **pollution** and **flooding** – due to lack of recognition as the **city’s history**, insensitive **planning policies**, **economic pressures** and lack of **public awareness**.
'The 1980s have seen an extraordinary worldwide trend to develop and redevelop urban waterfronts'

HALL, P.; *Waterfronts: A New Frontier for Cities on Water*, p11
Athena Tacha: ‘Until water becomes as sacred throughout the world as it is in India, we will not develop a proper riverfront solution’

Allen Eskew: ‘I have found that really what is more powerful is access to the water’s edge…if you can get the people to go to the water, the poetry is in the edge’

Roy Mann: ‘Cities need to be plan and build from the outset in a more enriching, enabling way so that activity can be built up to its proper peak in the early years of any waterfront project’

Landscape Architecture Periodical, February 1991
RESEARCH OBJECTIVES

- To produce **general urban strategies** for waterfront developments in city centres;
- To produce **design guidelines** for urban waterfront developments.

Constraint areas – **Urban Planning**, **Environmental Condition** and **Urban Social Dilemma**.

‘The most intensively used and the most often abused resource on earth…(is) the river in the urban region’

MANN, R.; *Rivers in the City*, p13
STRATEGIC OBJECTIVES

- Piecemeal Approach
- Robustness and Flexibility
- Environmental Improvement
- Pilot Projects
- Political Initiatives

‘If there is magic on this planet, it is contained in water’

EISELEY, L.; Waterfronts: Cities Reclaim Their Edge, p9
STRATEGIC GUIDELINES

- To ensure adequate **accessibility** and **safety** to the river corridor;
- To maintain consistency of the **physical form**;
- To tidy the **river corridor**;
- To enhance the river as a **historical element**;
- To provide river **recreational spaces**;
- To achieve a river **corridor green zone**;
- To produce better river **management policies**;
- To create a **significant image** for potential areas.
GENERAL URBAN DESIGN GUIDELINES

- Site Planning
- Infrastructure
GENERAL URBAN DESIGN GUIDELINES

- Preservation
- Design, Scale and Massing
GENERAL URBAN DESIGN GUIDELINES

- Visual
- Streetscape and Landscape
GENERAL URBAN DESIGN GUIDELINES

- Development Management
- Access and Transportation
GENERAL URBAN DESIGN GUIDELINES

- Funding
- Use and Facilities
- River Management and Policies
River corridors should provide a pleasant pedestrian stretch, connecting one place to another.

It is hoped that this exploratory research will provide ideas and ways to revitalize urban waterfronts.
Attitude Towards The River

The Ganges River, India

The Sungai Kayu Ara River, Kuala Lumpur