



2015 the 1st Asia-Pacific Environment Landscape Architecture Forum

## Present & Future of Asia-Pacific Landscape Architecture

Date : November 23 (Mon) - 25 (Wed) Venue : Prugio Valley, Seoul, Korea

Organized by: Korean Institute of Landscape Architecture & Seoul National University







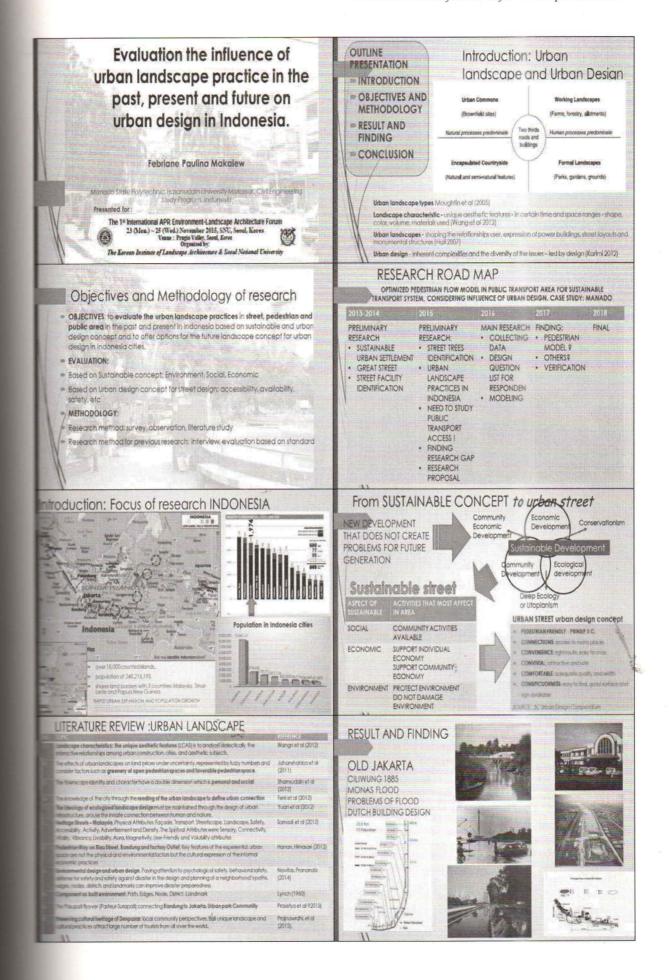
# Evaluation the Influence of Urban Landscape Practice in The Past, Present and Future on Urban Design in Indonesia

#### **Febriane Paulina Makalew**

The Manado State Polytechnic, Dept. of Civil Engineering, Indonesia fmakalew@yahoo.com

#### Abstract:

In urban area in cities in Indonesia, the development of its built environment has been emerged and continued be unsustainable city. Street as connector and major part as well as other public open space in urban area, has been constructed and designed with less consideration to the natural environment and pedestrian. From the previous researches on street including how to create a great street and facility on street, this paper shows the important urban landscape in urban design in Indonesia through selected cities. This research is also continued to focus on the important to identify street trees as one of many elements of urban landscape to create a sustainable urban area. The methodology of this research is including review on previous research paper on recent urban landscape observation on field area in particular major street in selected cities in Indonesia. History of urban landscape in the city and proposed for future urban landscape is also considered in the evaluation. This paper concludes that there is need to collaborate urban landscape and urban design in creating a sustainable city and it is crucial for cities in Indonesia to provide urban landscape and design guideline for the authority and other stakeholder in designed constructed street and other public open space areas.





#### MANADO

WOLTER MONGINSIDI PARK FAIR PEDESTRIAN PATHWAY EIN AND STREET UTILITY IN THE MIDDLE OF PEDESTRIAN WAY. BED TREE IN BOULEVARD STREET IN THE MIDDLE OF PATHWAY, SOME PLACES WELL COVER BY TREES.



- AHMAD YANI STREET PEDESTRIAN PATHWAY



... WOLTER MONGINSIDI STREET OLORFULL BOUGENVILE FLOWER BRANCHES



- INTERSECTION KLABAT

SAMRATULANGI STREET

PEDESTRIAN PATHWAY

ROOTS OF LARGE BERINGIN

TREES ON FOOTPATH PAINT

ON TREMBESI TREES, UNEVEN

STADIUM AND

#### LANDSCAPE IN Manado PAST VS RECENT

PAST GOVERNMENT OFFICE-TKB (ONE NATION PARK)- WENANG HOUPTAL







RESENT / SILOAM HOSPITAL- TKB (ONE NATION PARK) - PENINSULA HOTEL







#### Urban landscape IN URBAN DESIGN FUTURE OPTION

often 1: Keep the character.

This is not a realistic option but is an exploration of what will be required to freeze the street as its character.

Option 2: No Intervention

This option assumes keeping the same zonings and heights controls and allows the market to dictate. It is a build-out option.

Option 3: Pedestrianization

= This option involves the possibility of pedestrianizing the street in the whole or in part Option 4: Piece -by-piece plug in changes

= This option involves phrasing of many small incremental changes in a coordinated

Option 5: Total gentrification

This option assumes total transformation of the street. This option is a high cost one socially and economically.

ptions behind all the options

these schemes are based on a number of assumptions.

hanges is inevitable arket forces is important

rce of funding has to be identified

Research finding: GREAT STREET research

Typical pattern of street vary building selback, not continuous trees lined. public space in the area of cate sidewalks, and small shops, less pedestrian crossway.

PROBLEMS AND ALTERNATIVES SOLUTION









#### Summary research on Pedestrian Facility











#### SUMMARY RESEARCH ON STREET TREES

MULTAND FINDING : PROBLEMAND ALTERNATIVES SOLUTION

PROBLEMS: NOT STREET TREE TYPES BASED ON TANDARD, ROOT DAMAGE FOOTPATH, INWELL TREATTREE, OLD TREE BRANCHES

TYPES OF TREES AND THE PRESENTAGE OF CRITERIA BASED ON STANDARD STREET VEGETATION IN MANADO

ANGSANA	711
CASIA DAUN BESAR	CONTRACTOR OF THE PERSON OF TH
KELAPA	DECEMBER 141
BERINGIN	10000000000000000000000000000000000000
TREMBESI	EEEE/771
KELUMPANG	\$5000000000 924 - F\$
PALEM RAJA	Mission 194
KETAPANG	DESCRIPTION (2)
	00 200 400 400 800 1000





ALTERNATIVES

#### PROBLEMS AND ALTERNATIVE TREE

#### **Evaluation summary: URBAN** LANDSCAPE PRACTICE IN INDONESIA

 DUTCH BUILDING FACADE
 STREET FOR CARS
 LACK OF PEDESTRAN PATHWAY
 CIVIC CENTRE AVAILABLE
 ECONOMIC WITH LESS SOCIAL AND ENVIRONMENT - UNSUSTAINABLE

ENVIRONAMENT - UNISUTAINARELE

IN THE CITY AND OUT OF FOWN
THERE IS STREET STANDARD DESIGN
WITH PEDESTRIAN PAIHWAY

VARY WINEEMENTATION AND DESIGN
PRACTICE ON PEDESTRIAN PAIHWAY

LESS CONSIDERATION IN URBAN
LANDISCAPE ON URBAN STREET

CHYCI CENTRE VS FUNCTION AND
PEDESTRIAN FACULITIES

FOR CONCINIC AND SOCIAL WITH LESS
ENVIRONMENT - UNISUSTAINABLE

OPPIONS - HAVE TO BE SESTAINABLE

OFTIONS - HAVE TO BE SISTAMABLE WHERE ARE WE HEADINGS WHATS WENT WRONG

LESS CARS - WIDE STREET

MORE CARS, MORE PEDESTRIAN, WIDE STREET, NARROW PEDESTRIAN

RE-EVALUAJE

GUIDELINE NEED

### CONCLUSION

■ URBAN LANDSCAPE

■ URBAN DESIGN

\* PEDESTRIAN ON INDONESIAN CITIES STREET AND PUBLIC AREA

PAST PRESENT FUTURE OPTIONS

OBSERVE COMMUNICATE! PLANNINGI DESIGNI FEEDBACKI

· PEDESTRIAN AREA: LIRRAN DESIGN WITH URBAN LANDSCAPE

GUIDEUNE IS IMPORTANT...

#### REFERENCES





#### Korean Institute of Landscape Architecture

#1007 Science and Technolgy Bldg. 22 Teheran-ro 7-gil, Gangnam-gu, Seoul 06130, Korea Tel: 82.2.565.2055 / Fax: 82.2.565.2056 / Email: kila96@chol.com



#### Seoul National University

1 Gwanak-ro, Gwanak-gu, Seoul, 151-921, Korea
Tel: 82.2.880.4882 / Fax: 82.2.873.5113 / Email: aprforum@naver.com



#### Asian Cultural Landscape Association

1 Gwanak-ro, Gwanak-gu, Seoul, 151-921, Korea
Tel: 82.2.880.4882 / Fax: 82.2.873.5113 / Email: aclahead@naver.com