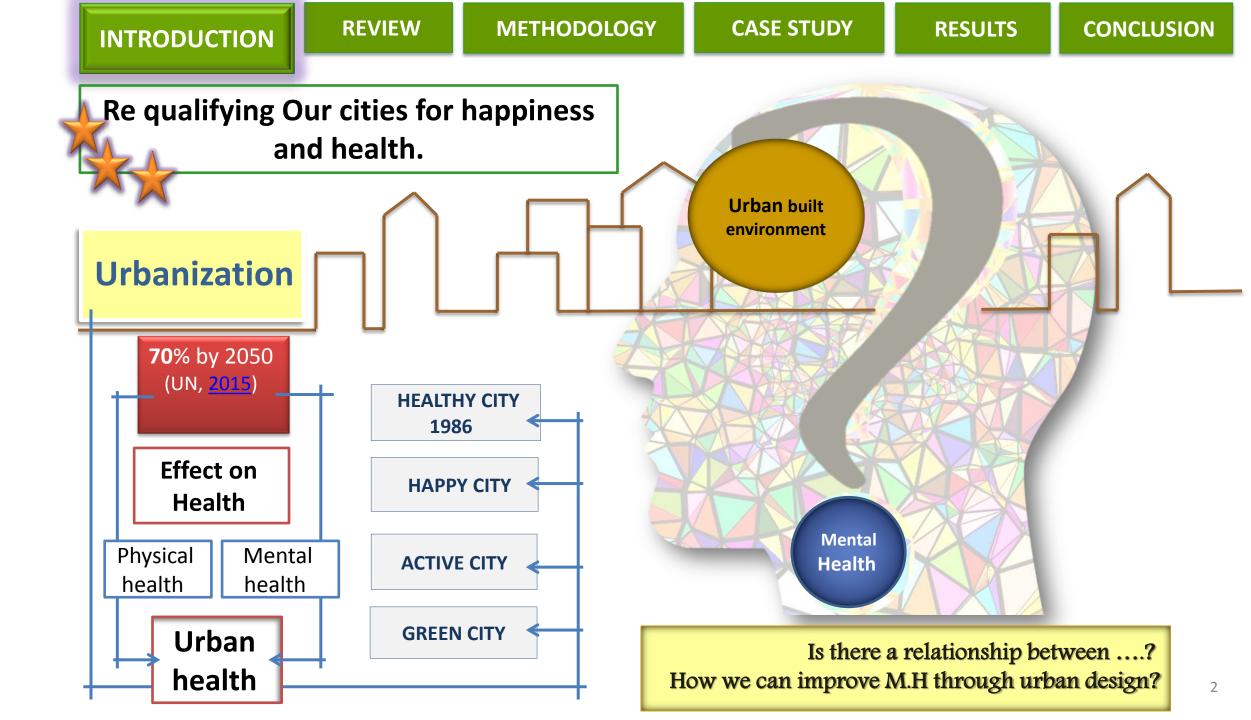




Designing Non-Depressive Urban Built Environment:Case Study of Damietta City, Egypt

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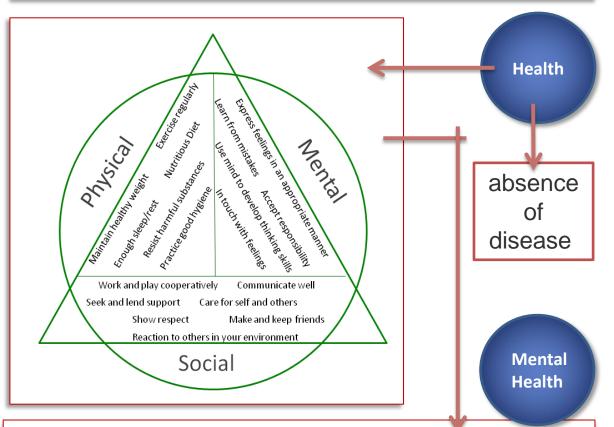
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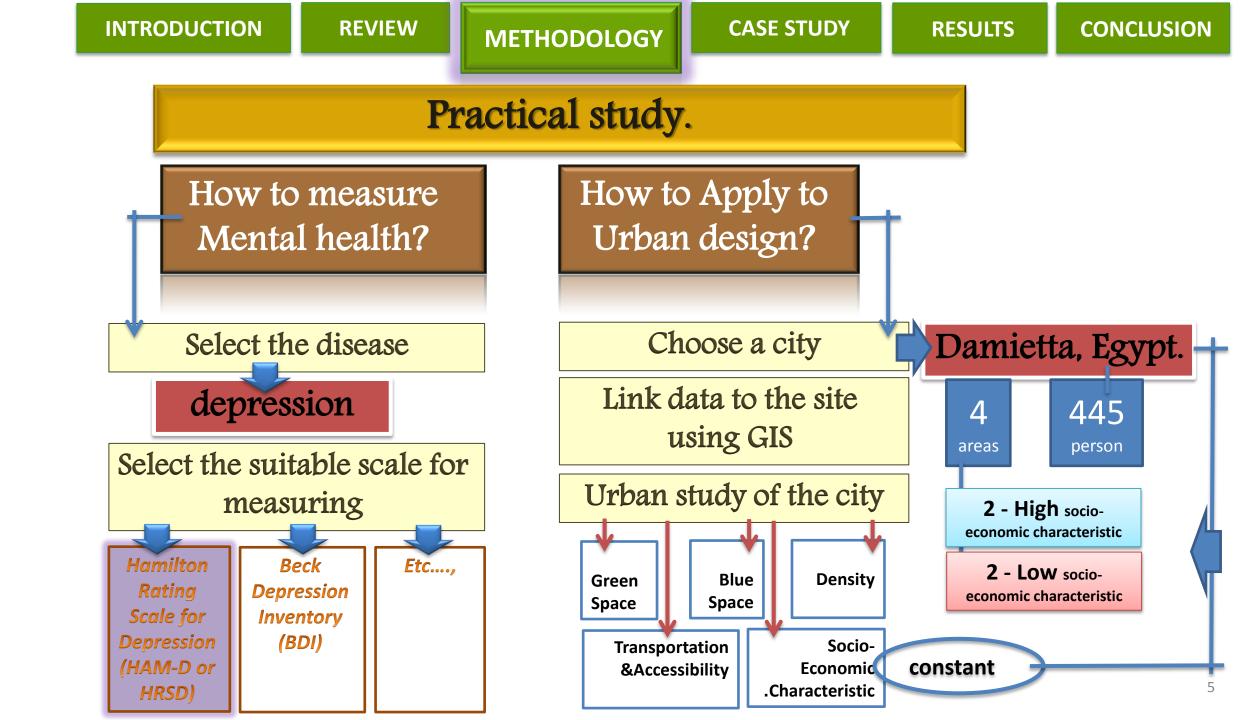
MENTAL HEALTH RELATED ISSUES

- <u>1 in 4</u> people will have a diagnosable mental illness . (wно)
- Mental disorders are <u>the third largest</u>
 <u>source</u> of disease burden after cancers
 and cardiovascular diseases, but <u>the</u>
 <u>largest source</u> of disability burden 7.4%
 ,(Begg S, et al.2007)
- Many mental health problems are more common in cities: Depression (39% more), Anxiety (21% more) and Schizophrenia (double). (WHO)
- the evidence that urban living causes mental illness is inconclusive and biased by self-selection. (Litman, 2017).

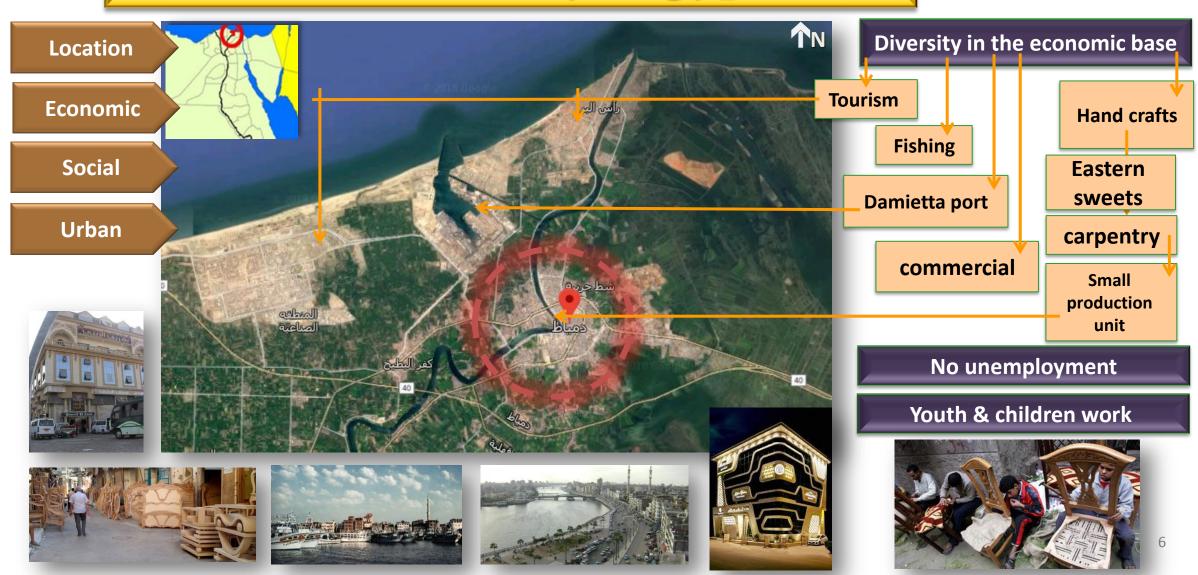
HEALTH & MENTAL HEALTH

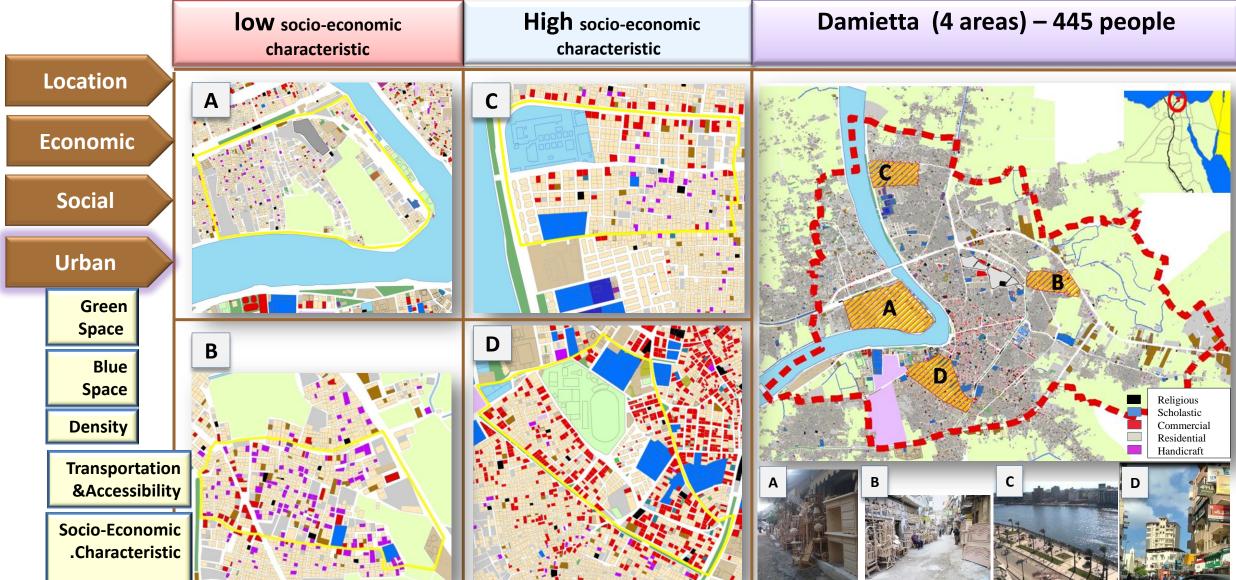


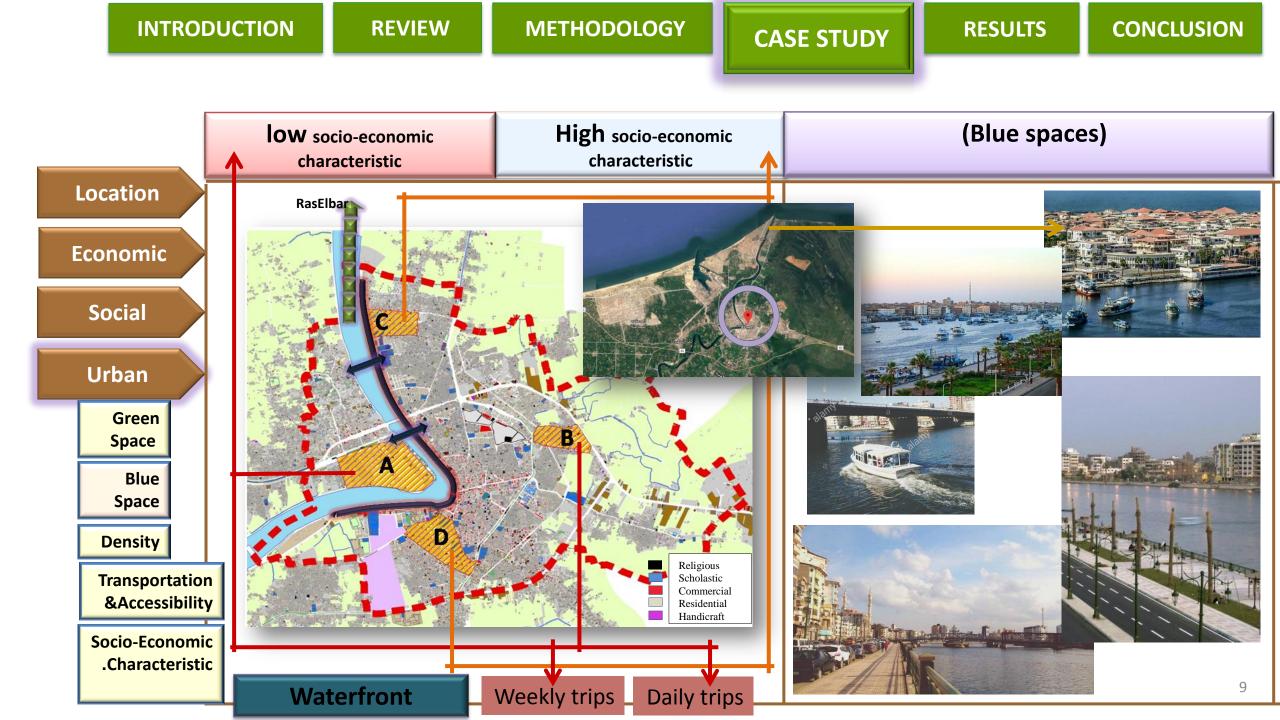
Astate of well-being in which every individual realizes his or her own potential, can cope with the normal stresses of life, can work productively and fruitfully, and is able to make a contribution to her or his community



Damietta city, Egypt







OW socio-economic characteristic

High socio-economic characteristic

(Density & Mixed uses)

Location

Economic

Social

Urban

Green Space

Blue Space

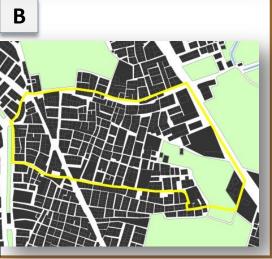
Density

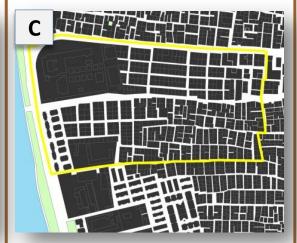
Transportation &Accessibility

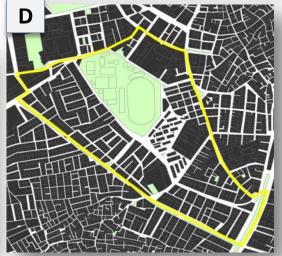
Socio-Economic .Characteristic











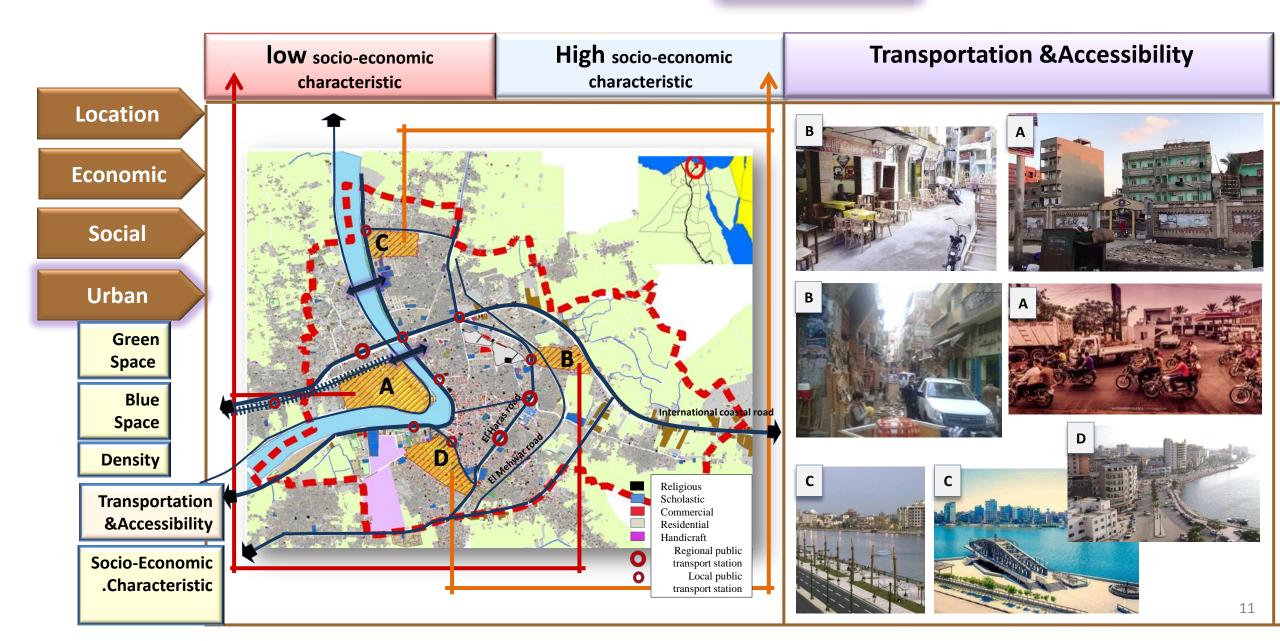












Statistical Analysis of the Data

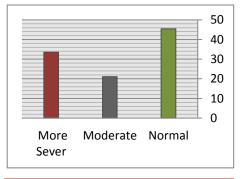
Table (1): Relation Between Severity Of Depressive Symptoms With Areas In Damietta (n=445). ANALYSIS by SPSS

Area do you live in Damietta	Severity of depressive symptoms										Total	
	Normal		Mild		Moderate		Severe		Very severe		(n=445)	
	(n=97)		(n=105)		(n=94)		(n=63)		(n=86)			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Α	26	26.8	17	16.2	15	16	24	38.1	15	17.4	97	21.8
В	20	20.6	23	21.9	30	31.9	7	11.1	17	19.8	97	21.8
С	15	15.5	31	29.5	20	21.3	13	20.6	18	20.9	97	21.8
D	25	25.8	19	18.1	17	18.1	12	19	24	27.9	97	21.8
Others	11	11.3	15	14.3	12	12.8	7	11.1	12	14	57	12.8
χ2 (p)	29.428* (0.021*)											

(HAM scale) doesn't express a diagnosis of depression

but

gives indicative scores for symptoms severity.

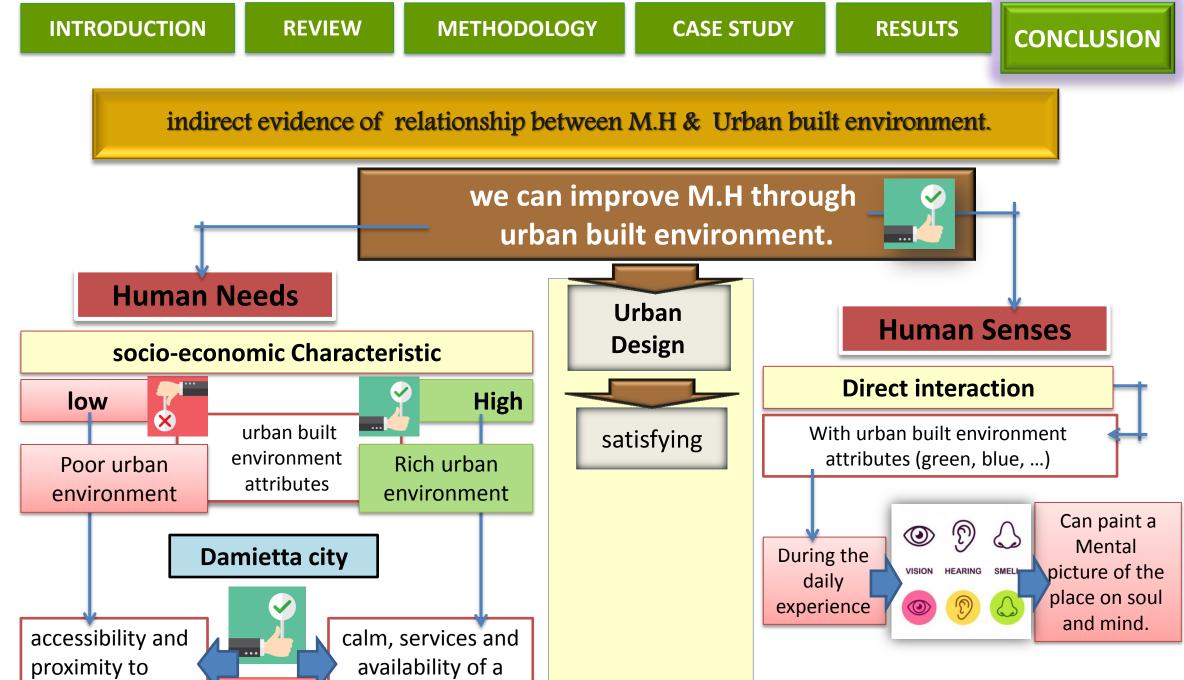


33.5% of the total sample required for entry into a clinical trial.

χ^2 : Chi square test

p: p value for comparing between groups

*: Statistically significant at $p \le 0.05$



work

focus of

green area

Thank You