

HEALTH AND THE BUILT ENVIRONMENT

9:30am to 11:00 am
 Tuesday, May 8th, 2018

TOPIC	DISCUSSION	ACTION NEEDED
Members Present	<p> Cheryl Jacobs (CJ), Miami Center for Architecture & Design (MCAD) Valerie Turner (VT), Florida Department of Health in Miami-Dade County Johanne Petit-Jeune (JP), Florida Department of Health in Miami-Dade County Scott Brown (SB), University of Miami Patricia Sherrill (PS), Department of Health in Miami-Dade County Melissa Maytin (MM), Florida Department of Health in Miami-Dade County Takyah Smith (TS), Florida Department of Health in Miami-Dade County Jeannie necessary (JN), UFIFAS/ Extension FNP </p> <p> <u>Teleconference:</u> Melody Velez (MV), United Health Care Kevin Walford (KW), Miami-Dade Transportation Planning Organization (on behalf of David Henderson) Marcelle Fatal (MF), Amerigroup/ Simply Health </p>	
Welcome and Introductions	<p>-The bi-monthly meeting of the Health and Built Environment Committee was brought to order at 9:30 a.m. by CJ.</p> <p>-All members introduced themselves.</p>	
Presentation	<p>Yoca Ardití-Rocha from the CLEO Institute presented on climate disturbances. The CLEO Institute is a non-profit, non-partisan organization.</p> <p>Notes:</p> <ul style="list-style-type: none"> --We are disrupting the environment by way of human activity which sustains economy. This alters the chemistry of the common roof we all share. --Erroneous perception of Earth's atmosphere- the atmosphere is only 14 miles from ground level. --The last four years have been the warmest; this is the 1st time that we start to deviate from normal fluctuations. --Environmental disruptions are anthropogenic- resulting from human activity. --More frequent and more intense weather events are likely to occur. --Issue for the real estate business, Shore Crest community is going through major flooding events. 	

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--Miami is the #1 city in the world in terms of assets at risk (about 300 billion dollars of assets).

--The “Forecast is pretty scary”- extreme heat events by 2050- underserved communities are the most vulnerable (elderly, disabled and youth).

--Rising CO2 levels threatens global nutrition- rice, soy beans, wheat- reducing yields, huge threat.

--Our mosquito seasons are lengthening- mosquito friendly environment, mosquito metabolism will accelerate, incubation improves as the heat rises, life cycle of mosquito is changing. The mosquito reaches maturity faster- in essence time is being altered.

--Water diseases like cholera, dysentery, hepatitis A, E. coli, typhoid are transmitted through mosquitos. More than 2/3 of water-borne disease have been preceded by extreme precipitation events.

--Allergies are rising and this is a direct correlation between this and levels of CO2, more asthma hospitalizations.

--Longer and more severe seasons, 1/10 children have asthma, 10.5 million days of school lost, mental health and cognitive ability affected by air pollution.

--Air pollution is on the rise. 7 million people per year die due to global pollution. As air pollution rises, there is **ground ozone** is produced. Particulate matter accumulates (micro particles that we breathe as we walk around the city). Studies link air pollution to Alzheimer’s disease and respiratory diseases. Air pollution affects cardiac patients as well.

--20 % heart attacks are caused by particle pollution = silent murder.

--After Katrina, rates of domestic violence and suicides went up due to the stress of the event.

--Coalitions are forming to reduce coal use. (The Clean Power Plan)

--The Climate is a catalyst for civil unrest, for example, dry conditions in Syria may be exacerbating the conflicts they are experiencing.

--In the US, the environment has become a partisan issue.

--India is one of the top countries where renewable power sources occupations are on the rise.

--Cities consume 2/3 of world energy and create 70% emissions. 90% urban areas are on the coast, 90% of time humans are indoors.

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	<ul style="list-style-type: none"> --Mrs. Ardit- Rocha encouraged the committee to sign the Florida Climate Pledge to raise help awareness. --Solutions can be tackled locally; we must make the unengaged more aware. --Trend is increasing for hurricanes, they are stronger and their intensity is picking up, due to warmer conditions. 	
Review and Approval of Minutes	<ul style="list-style-type: none"> -The meeting minutes from the March 13th, 2018, Health and the Built Environment Committee meeting were reviewed. -There was no meeting for the month on April. -There was a motion to approve the March 13th, 2018, minutes by VT; the motion was seconded by SB. 	
Executive Board Update	<p>Update was provided by VT:</p> <ul style="list-style-type: none"> -The Executive Board discussed the sustainability of the HBE committee. VT advised the committee that Dr. Rivera will continue to provide staffing for the entire Consortium. The EB will review the sustainability plan again at the June meeting. 	
Committee Meeting Schedule Review	<ul style="list-style-type: none"> -Monthly meetings will be held every other month at the University of Miami's Don Soffer building, until the end of the year. 	
Work Plan review	<ul style="list-style-type: none"> -The committee discussed leveraging partnerships and collaboration opportunities to promote the Consortium. -CJ and VT explained to the committee how to join the Consortium's Speakers' Bureau. 	
New Business	<ul style="list-style-type: none"> -CJ does not think the committee should host another community event to promote Active Design. Instead, she has advised the committee to shift their focus to working with established events such as Fit City. This will save time and resources. 	

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	<ul style="list-style-type: none"> -The committee discussed having a table/booth at a community event that another organization is hosting. -CJ continues to have lunch and learns at different architecture and planning firms about active design and is promoting HBE. CJ is also reaching out to some of the municipalities about adding active design and HBE components to programs or activities that they have planned for the community. Municipalities will receive a template to create banners with active design logos and a phrase such as “This is an active design city”. -CJ will work with JL to discuss themes for the next meetings. 	
<p>Partner Updates</p>	<ul style="list-style-type: none"> -DOH hosted the Forces of Change Community meeting on May 10th. VT will give an update on the results of this meeting at the next HBE committee meeting in July. -DOH is preparing to conduct Community Health Assessments, which will survey Miami-Dade County residents about different aspects of their community- VT. -On September 14th, the Consortium Annual event will be taking place at the Rusty Pelican and it will celebrate its 15th year anniversary- VT. -MM gave an overview of the services provided by the Community Health Action Team: free screenings, stress management chronic disease counseling. -SB advised the group that UM has received funding from the Robert Wood Johnson. (Robert Wood Johnson foundation Evidence for Action program- proposal to look at impacts of neighborhood “greenness” and “greening initiatives” focusing on vegetative presence, building on earlier findings that greenness is associated with wellness). 	

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Closing/Adjournment	The meeting was adjourned at 11:00 a.m. The next meeting will be in person on Tuesday, July 10th from 9:30 – 11:00 a.m. Conference Number: (888)-670-3525; Conference Code: 5030294202	
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