Sensing the Place

EXPERIENCE & WAYFINDING IN A CHANGING CLIMATE...

arcc

feelinggood FOUNDATION

DR. JIM COLEMAN

TONIGHT WE ARE TALKING ABOUT SPACES AND PLACES AND HOW THESE HAVE AN IMPACT ON PEOPLE — THEIR BEHAVIOURS AND INTERACTIONS.

EVERYONE IN THE ROOM IS AN EXPERT!

MEHRNAZ GHOJEH & THOMAS LINDSAY

FROM MASTERPLAN TO SENSORY EXPERIENCE

HONG KONG

HIGHLY DENSE

CHANGED BY SARS.

IGNORANCE vs PARANOIA

PERCEIVED RISK vs ACTUAL RISK

ALLOCENTRIC vs EGOCENTRIC

INTUITION vs EXPERIENCE

LACK OF GREEN SPACES

HOW DO YOU MAKE PEOPLE UNDERSTAND

BUROHAPPOLD ENGINEERING

POWERS OF DESTRUCTION

TEHRAN

NOT ENOUGH PUBLIC SPACE TO CREATE AN EVACUATION PLAN

HOW DO YOU OPEN UP THESE PACKETS OF OPEN GREEN SPACES?

HOW DO WE CHANGE THE PLANNING SYSTEM?

CAN WE CREATE SENSORY WAYFINDING TO HELP THOSE WITH SENSORY IMPAIRMENT? I.E. BETTER SIGNS ETC...

NEIL DAVIDSON

CITY LIVING IN THE MOMENT — USING SMARTPHONE DATA IN URBAN PLANNING.

URBAN MIND

JJL GIBBONS

VAN ALEN INSTITUTE

ACADEMIC

ARE

KINGS COLLEGE LONDON

NOMAD PROJECTS

ECOLOGIES OF ADDICTION

DOES THE URBAN ENVIRONMENT IMPACT ON ADDICTIVE BEHAVIOURS?

...AND DOES IT DEPEND ON INDIVIDUAL CHARACTERISTICS?

CAN YOU SEE THE HORIZON

HELP US UNDERSTAND HOW CITY LIVING IS AFFECTING MENTAL WELL-BEING.

INGRENBOURNE VALLEY

CLUTTER.

NATURAL LANDSCAPE + INDUSTRY

URBAN MIND

7 QUESTIONS / 7 TIMES A DAY specifically phrased.

URBAN MIND IS AN APP THAT MEASURES HOW EXPERIENCE OF CITY LIVING IN THE MOMENT...

THE APP

CAN YOU SEE THE TREES?

CAN YOU HEAR BIRDS SINGING

DR NEGIN MINAEI

EXPERIENCING A SPACE BY A PERSON IS A COMPLICATED INTERNAL PHYSIOLOGICAL - PSYCHOLOGICAL PROCESS WHICH CAN BE AFFECTED BY EXTERNAL AND INTERNAL FACTORS.

REFLECTIONS OF TRANSPORT MODES, AND GPS ON THE EXPERIENCE OF URBAN ATMOSPHERE — LONDON

FEMALES REMEMBER MORE FROM MAPS

MALES REMEMBER MORE FROM LANDMARKS

INTERNAL + EXTERNAL FACTORS

VISUAL SMELL TOUCH TASTE HEAR

THE HUMAN BRAIN

VISUAL SIGNALS AND

ENVIRONMENTAL SIGNALS

YOU WILL REMEMBER THE SMELL OF A FISH MARKET WHICH WILL ALSO TRIGGER VISUAL MEMORIES

SITUATION

MY THOUGHTS

MY EMOTIONS

MY BEHAVIOUR

MY BODY'S PHYSICAL REACTIONS

JONATHAN SCHIFFERES

HOW DOES THE HISTORIC ENVIRONMENT MAKE US FEEL?

HOW DO WE CREATE BETTER LINKS?

MAGIC QUALITIES

IT'S BEEN PROVEN THAT GOLFERS PLAY BETTER WITH CLUBS USED BY 'LEGENDS'

HISTORIC PLACES CREATE A DIFFERENT TYPE OF MENTAL SPACE...

LANDMARKS AS RECOGNISABLE ICONS.

INTUITION

YOU SEE THE QUEUE

YOU SMELL THE CAFE

MAN CHANGES SKF SIGNAGE

GRAND CENTRAL STATION

THE BEST DESIGNED PLACES HAVE NO WAYFINDING.

NATURAL WAYFINDING

SMITHFIELD - LONDON HAS A

OLD BUTCHERY IN

HOW DO WE GIVE SPATIAL EXPRESSION TO HISTORIC SPACES?

CONNECTING PEOPLE'S ACTIVITIES AND MEMORIES

RUE PLAGUES

WHO LIVED THEIR ON A WHOLE STREET. RESIDENTS EMBIE THEIR OWN.

HOW DO WE PRIORITISE DEALING WITH ALL THESE ISSUES?

ARE WE MAKING PEOPLE MORE ISOLATED?

PROFESSOR MARIALENA NIKOLOPOVIOU

MICROCLIMATE, THERMAL EXPERIENCE AND URBAN DESIGN: INCREASING OUR ADAPTIVE CAPACITY UNDER CLIMATE CHANGE.

LOTUS ROOTS

CHOCOLATE AND

CRICKETS

DEHYDRATED TOMATOES

FLAVOUR Sense Nation

WE GO OUTSIDE TO STIMULATE OUR SENSES

HOW DOES MICROCLIMATE EFFECT SPACE...

'FRIED EGG'

SOLAR GLARE

STRONG WINDS...

TO FENCHURCH ST.

SOLAR RADIATION

- SHADING
- NEARBY BUILDINGS
- VEGETATION

CAN MELT CARS AND FRY EGGS.

EXPERIENCE — EXPECTATION

PROJECT RUROS (REDISCOVERING THE URBAN REALM AND OPEN SPACES)

10 000 INTERVIEWS ACROSS EUROPE...

TOOLS

- OPENNESS vs ENCLOSURE
- MATERIALS & COLOUR
- SHADING
- VEGETATION
- WATER

CAN ALL CREATE POSITIVE URBAN EXPERIENCES.

COMFORT ZONES CHANGE DEPENDING ON SEASONS

SUMMER

SPRING

MARY O'MALLEY

CREATING DEMENTIA FRIENDLY ENVIRONMENTS: HOW TO SUPPORT SUCCESSFUL ORIENTATION FOR PEOPLE WITH DEMENTIA

STUDY1: HOW DO OLDER PEOPLE LEARN NEW SHORT ROUTES?

STUDY2: WAYFINDING AND DESIGN EXPERIENCES OF RESIDENTS LIVING IN A RETIREMENT COMPLEX

SPATIAL NAVIGATION + AGEING

REAL WORLD...

LANDMARKS

EGOCENTRIC - BODY TO LANDMARK

ALLOCENTRIC - LANDMARK TO LANDMARK

BECOMES HARDER AS WE GET OLDER.

OLDER ADULTS:
- TAKE LONGER TO LEARN NEW ROUTES
- HAVE DIFFICULTIES USING MAPS TO NAVIGATE UNFAMILIAR ROUTES
- HAVE IMPAIRED KNOWLEDGE FOR WHERE LANDMARKS ARE SITUATED ALONG A RECENTLY TRAVERSED ROUTE.

INVESTIGATION

TAUGHT PARTICIPANTS A ROUTE AND TESTED THEM ON MAP PERSPECTIVES

DIRECT EXPERIENCE

FINDING!
- MAPS BECAME HARDER TO NAVIGATE
- 'HIPPOCAMPUS DEPENDENT'
- LANDMARKS WEREN'T AFFECTED BY AGE.

NICHOLAS BOYS SMITH

BAD GRASS, LIVING IN BOXES AND UGLY PLACES IS THE 'SCIENCE' OF PLACE-MAKING CURRENTLY BEING MISSED?

OPEN SPACE HAS TO BE MULTIFUNCTIONAL...

HOW CAN WE STOP THE 'PRETTY ANYWAY' BEAUTIFUL' IT HASN'T MOVED FORWARD IN YEARS!

PLANNING APPLICATIONS
- 'INNOVATIVE'
- ARE ALWAYS VIEWED BUT...
- BEAUTY
- ARE HARDLY VIEWED

"WALKABLE" = HIGH RISE

BIG BUILDINGS AND WELL-BEING...

HOW DO WE MAKE PEOPLE LIKE NEW HOUSES MORE?

OFTEN ADVERTISED AS 'AFFORDABLE' HOUSING BUT USUALLY COST MORE TO MAINTAIN.

"GREEN IS GOOD FOR YOU..."

BEAUTY IS PREDICTABLE...

GREENERY ✓ LOVELY FACADE ✓

...AND IT REALLY MATTERS...

STREET TREES: "NO BRAINER"

LESS POLLUTION IN A CENTRAL CITY LOCATION AS DESTINATIONS ARE NEARER TO PEOPLE USE LESS FUEL... HOWEVER THERE IS MORE OF A HEALTH RISK.

IN 1999 NON-LEVEL ACCESS BUILDINGS WERE MADE ILLEGAL TO BUILD

BUT THERE ARE PROVEN HEALTH BENEFITS.

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