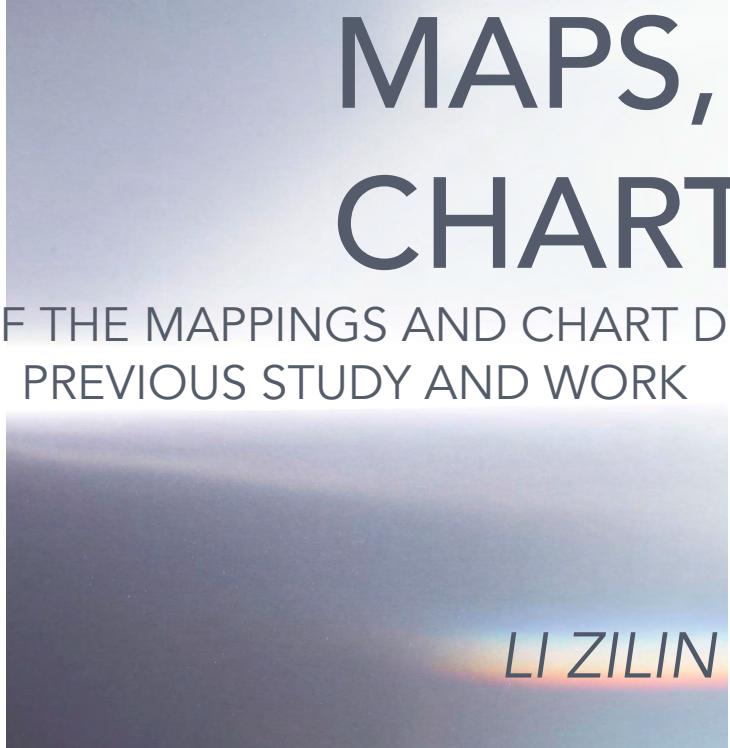


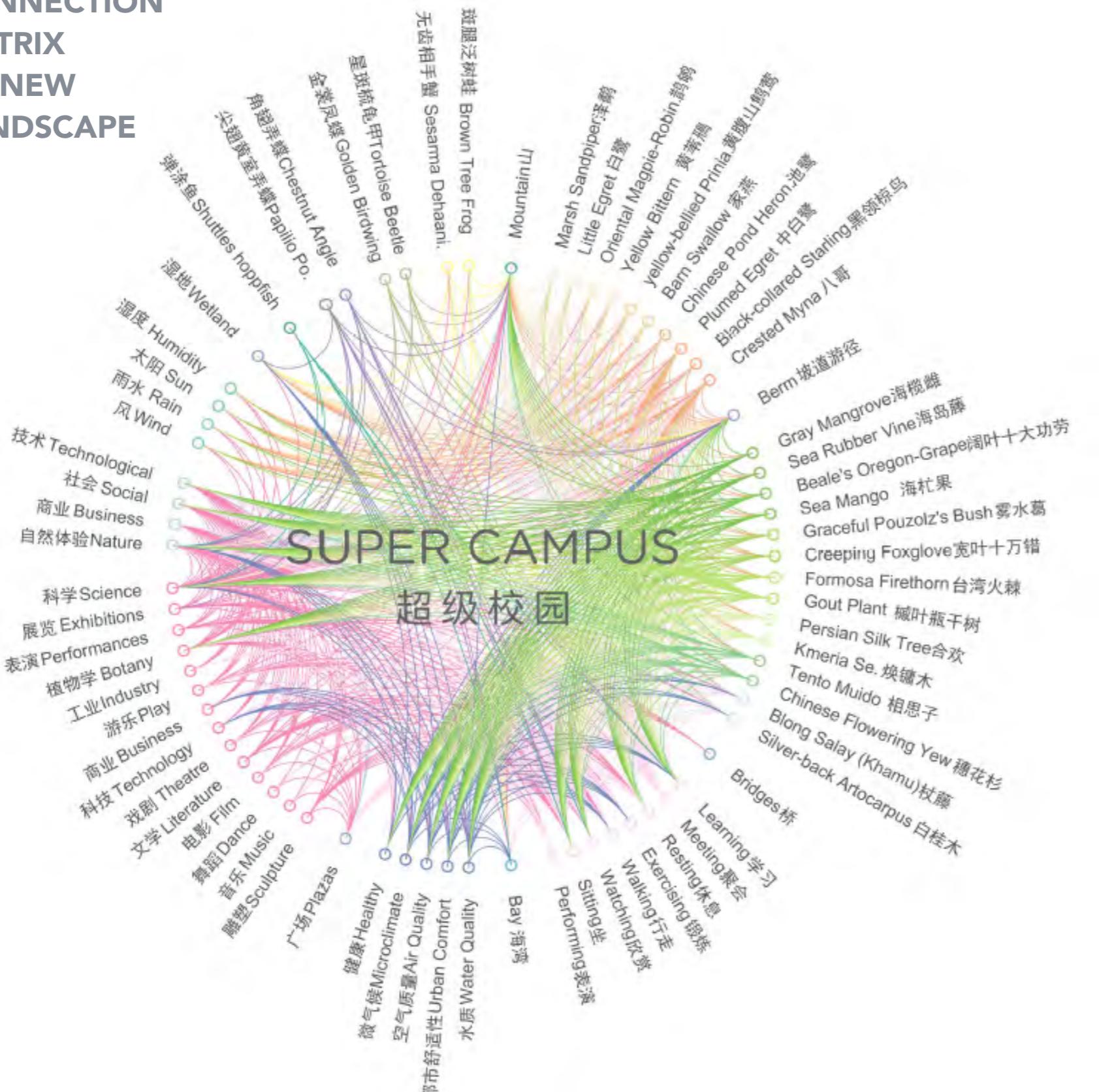
MAPS, CHARTS

PART OF THE MAPPINGS AND CHART DURING
PREVIOUS STUDY AND WORK



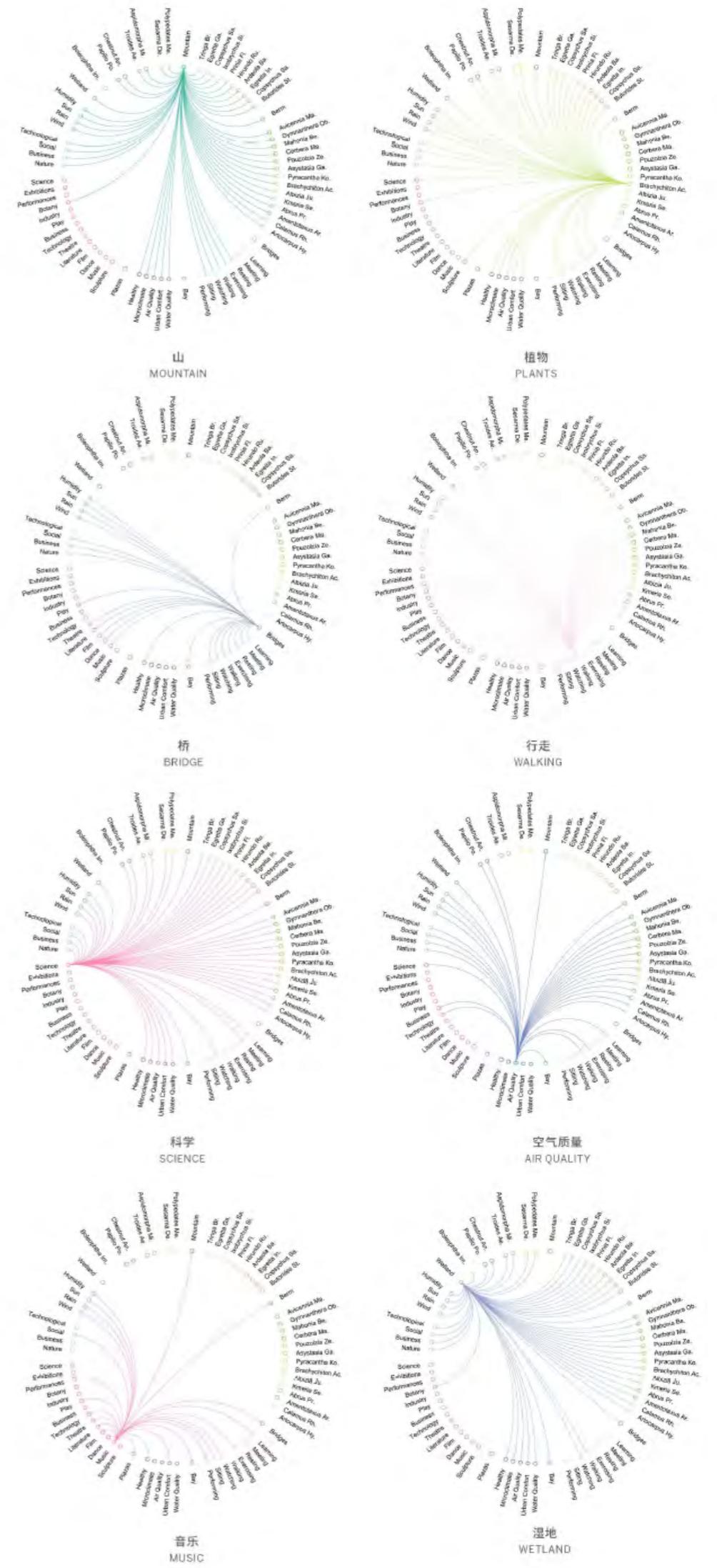
LI ZILIN

CONNECTION MATRIX OF NEW LANDSCAPE

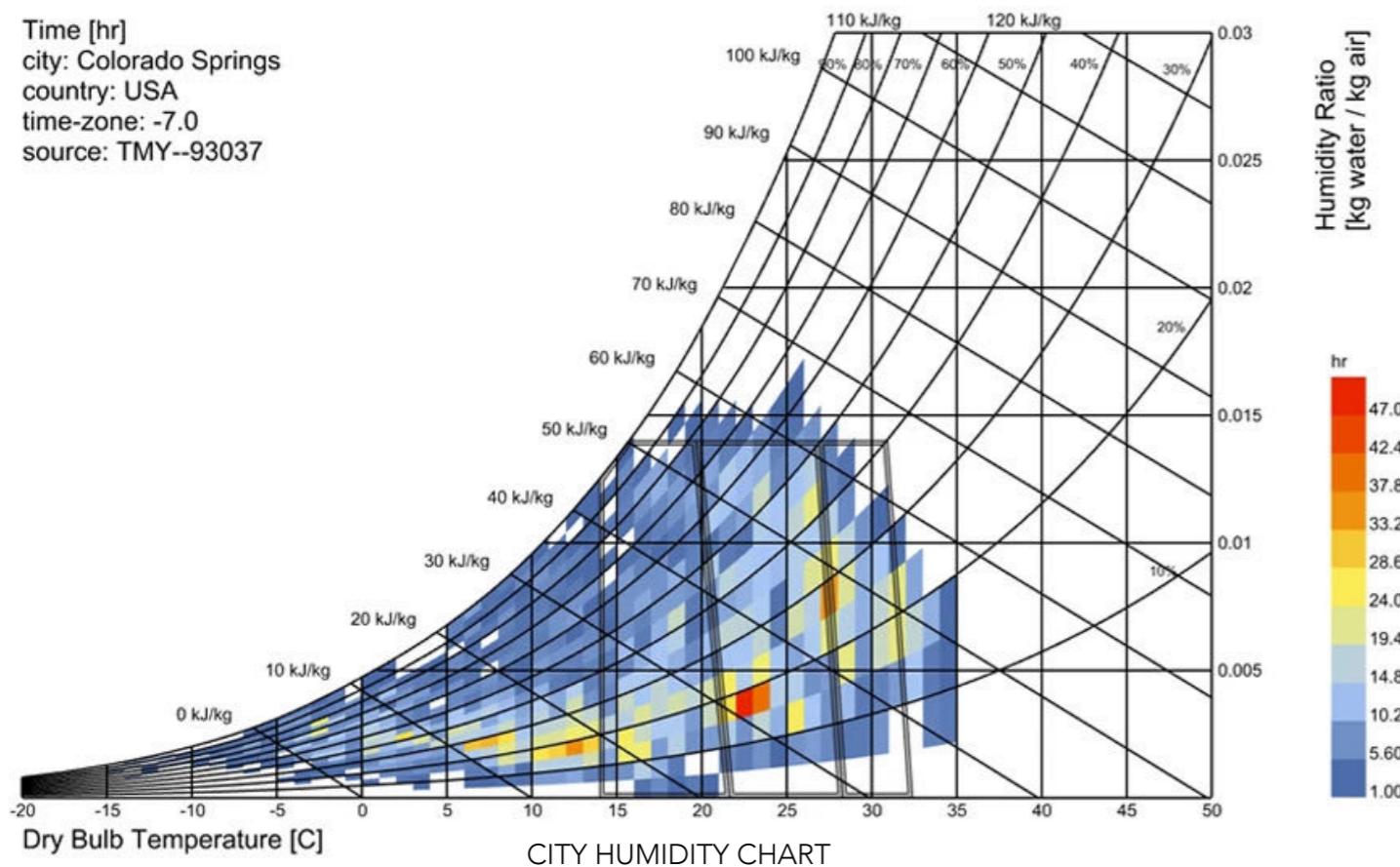


超级校园总部景观，连接丰富的自然生态要素、自然教育活动、连接创新学习型群体、全球引领企业，多样的文化创意活动、教育和交流活动，建立交织的文化、生态网路，创造出公园内的互动与连接矩阵，生成新的景观模式。

The super campus headquarters landscape connects rich natural ecological elements, natural education activities, innovative learning groups, global leading enterprises, diverse cultural and creative activities, education and exchange activities, establishes an interwoven cultural and ecological network, creates an internal interaction and connection matrix of the park, and generates a new landscape model.



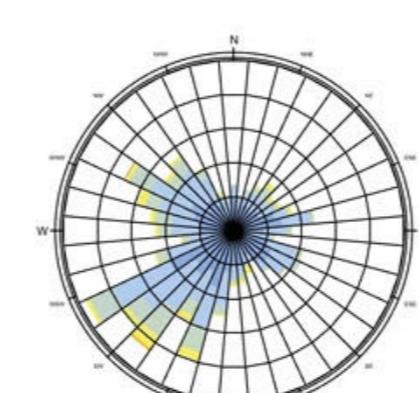
Time [hr]
 city: Colorado Springs
 country: USA
 time-zone: -7.0
 source: TMY-93037



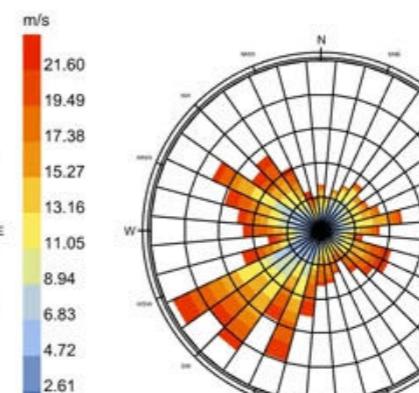
CITY HUMIDITY CHART

Humidity Ratio [kg water / kg air]

hr
47.00
42.40
37.80
33.20
28.60
24.00
19.40
14.80
10.20
5.60
1.00

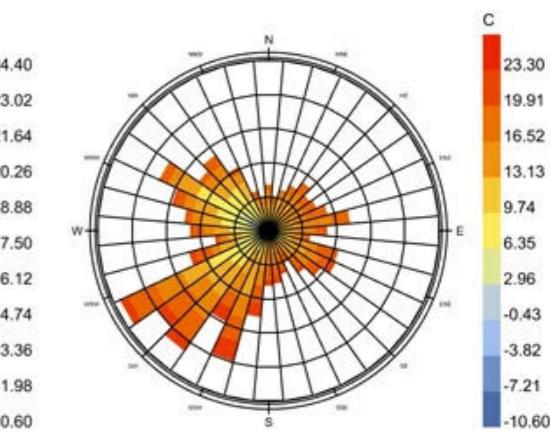


Wind Speed (m/s)
 city: Boston Logan Int'l Arpt
 country: USA
 time-zone: -5.0
 source: TMY3
 period: 1/1 to 12/31 between 0 and 23 @1
 Calm for 0.44% of the time = 17 hours.
 Each closed polyline shows frequency of 1.3% = 50 hours.

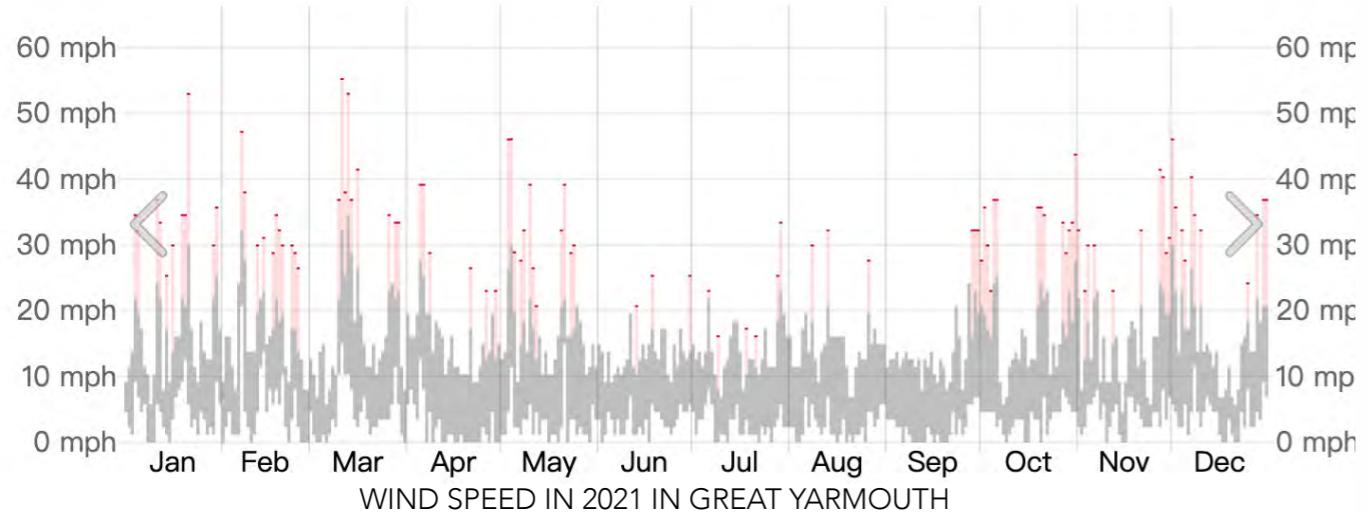


Dry Bulb Temperature (C)
 city: Boston Logan Int'l Arpt
 country: USA
 time-zone: -5.0
 source: TMY3
 period: 1/1 to 12/31 between 0 and 23 @1
 Each closed polyline shows frequency of 1.3% = 50 hours.

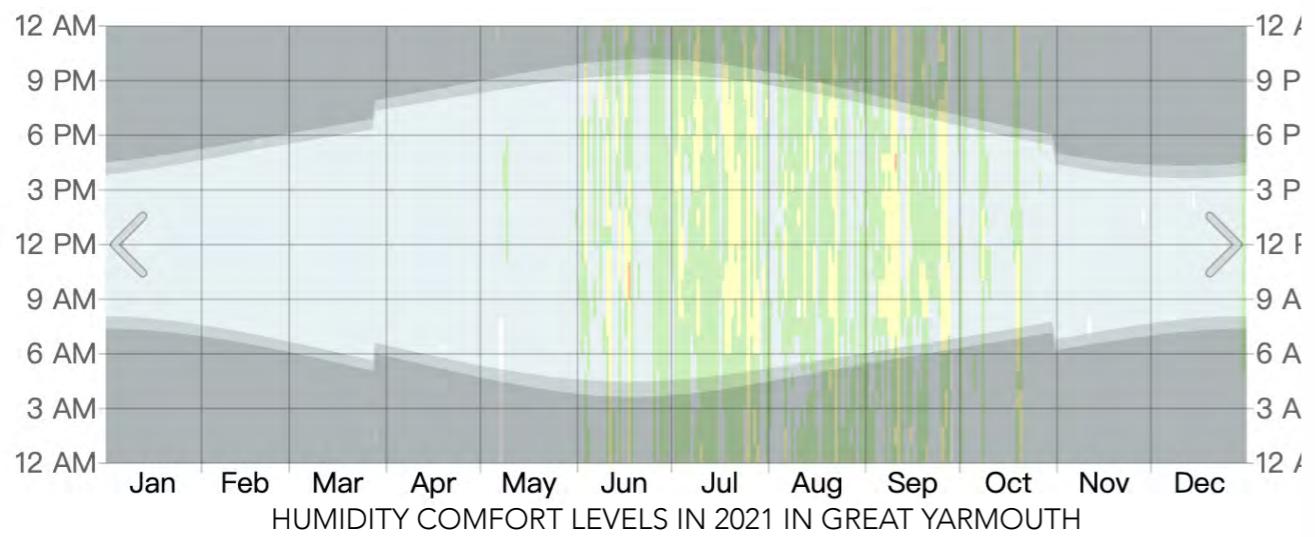
WIND ROSE CHART



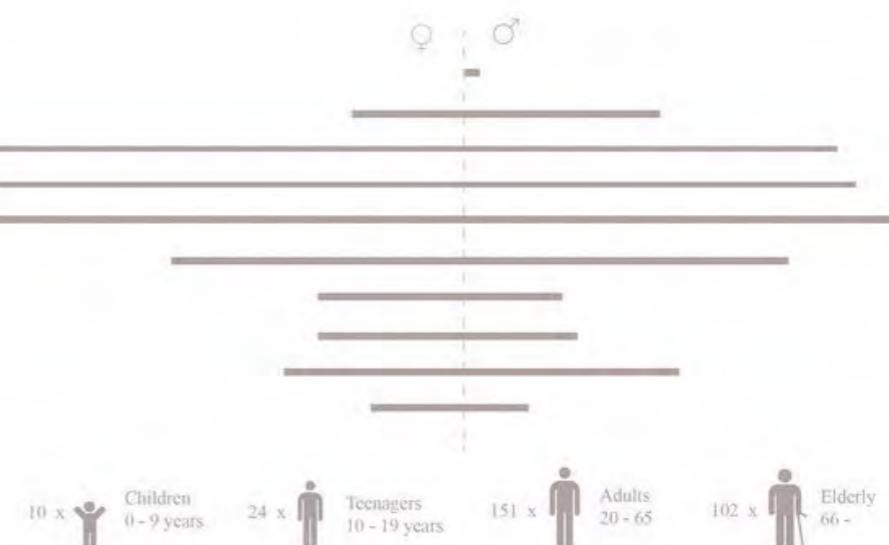
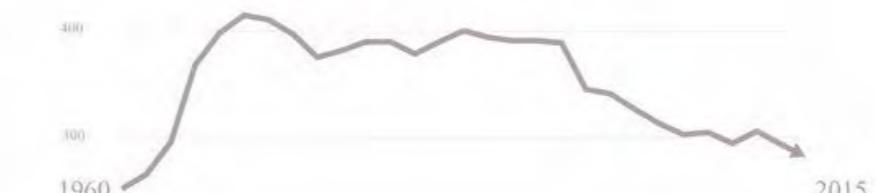
Dew Point Temperature (C)
 city: Boston Logan Int'l Arpt
 country: USA
 time-zone: -5.0
 source: TMY3
 period: 1/1 to 12/31 between 0 and 23 @1
 Each closed polyline shows frequency of 1.3% = 50 hours.



WIND SPEED IN 2021 IN GREAT YARMOUTH

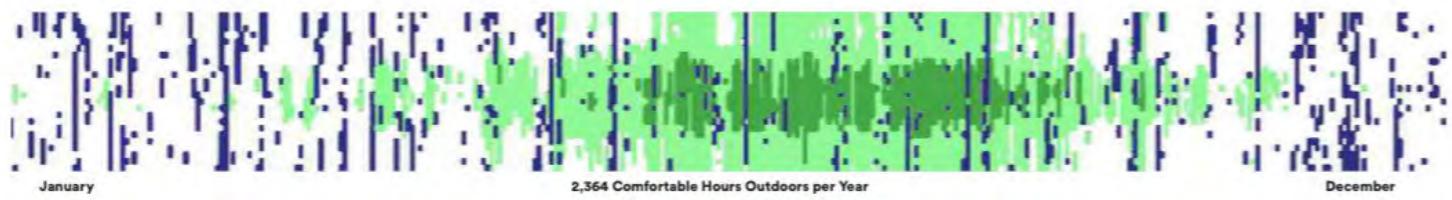


HUMIDITY COMFORT LEVELS IN 2021 IN GREAT YARMOUTH



POPULATION DEVELOPMENT IN ERRINDLEV FROM 1960 TO 2015

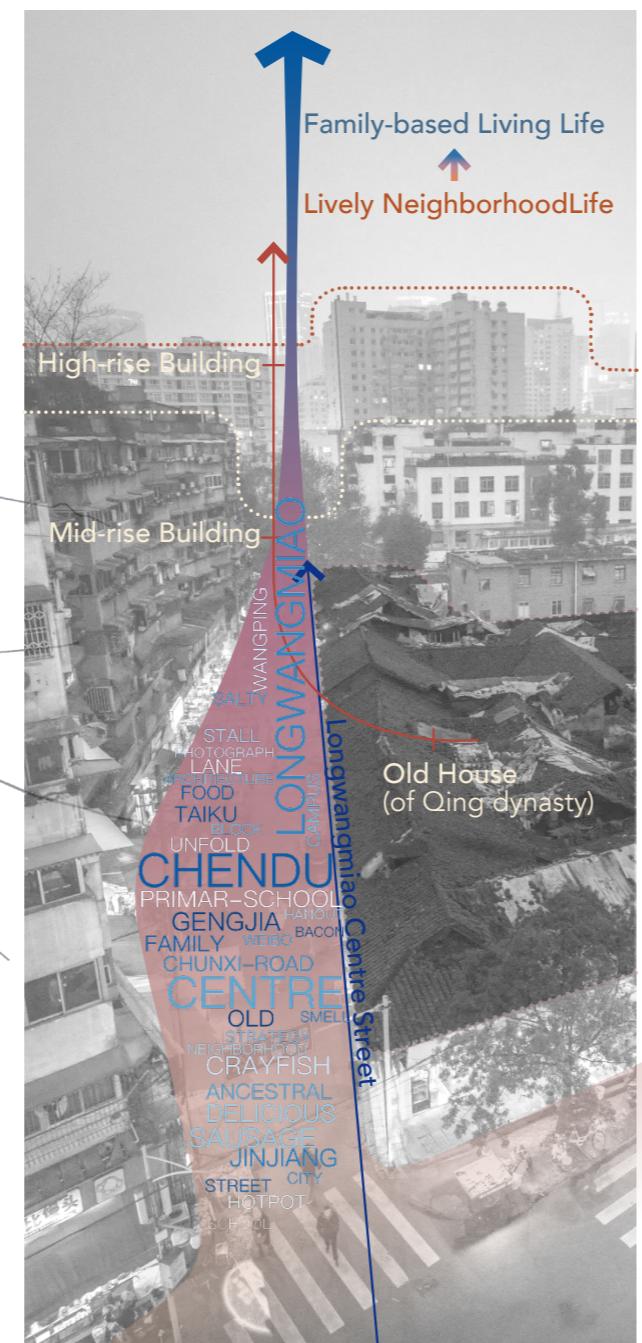
Current



With Sidewalk's Proposed Weather Mitigations



Legend
 ■ Precipitation
 ■ Too Hot
 ■ Comfortable
 □ Too Cold



核心区为主，其他区域低干扰、轻介入

LOW DISTURBANCE DEVELOPMENT LOW DISTURBANCE DEVELOPMENT

发展方向,

PHASE 1 像是催化剂一样的城市
可能还是以空港核心组团为主，建成一批基础性、功能
性项目，拉开空港都市区发展框架向周边发展，

PHASE2 基本建成类似于机场走廊区域
开放合作、高端引领、创新驱动、环境优美的国际一流
空港都市区主要区域建设，形成片区产城联动，

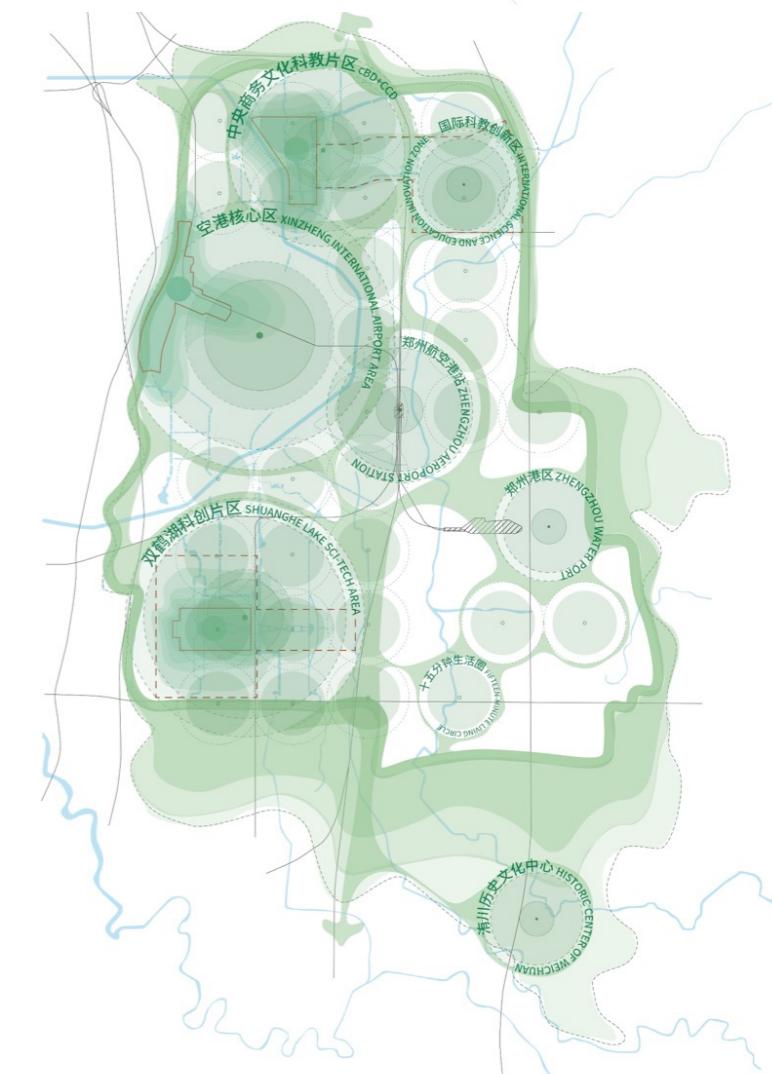
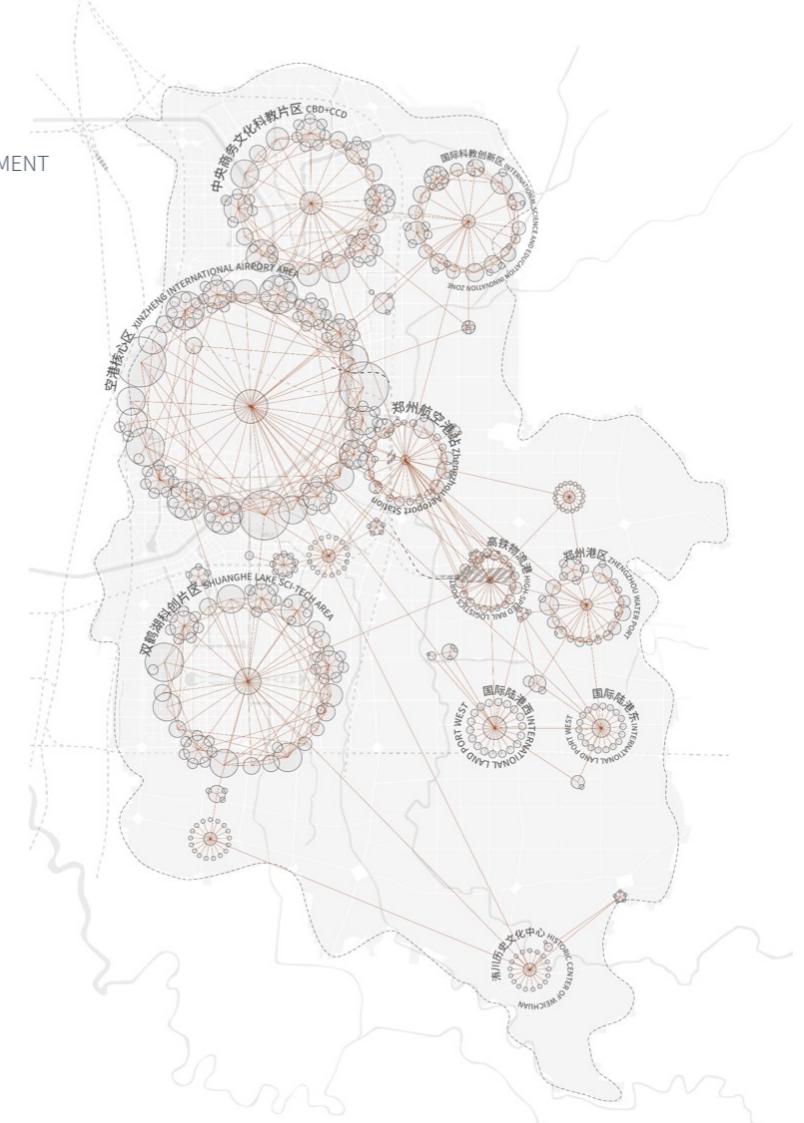
PHASE3 形成未来空港区全面联通
尊重本土文化，其他区域针灸设计，以点带动周边，未
来全面建成国际知名的空港都市区。

Development direction.

PHASE 1 may still focus on the core group of the airport,
building a number of basic and functional projects,
pulling open the development framework of the airport
metropolitan area to the periphery.

PHASE2 basically built open and cooperative, high-end
leading, innovation-driven, environmentally beautiful
international first-class airport metropolitan area main
area construction, the formation of the area of the city-
industry linkage.

PHASE3 respect the local culture, other regional
acupuncture design, to drive the periphery with points,
and fully build an internationally renowned airport
metropolitan area.



基于 TOD 的发展模式，航空港区的绿色生态布局由外围
生态绿环、场地内部核心区域绿环以及多组团的十五分
钟生绿环组成。多中心的绿环格局在不同组团之间形成
了由绿色廊道连接的绿色缓冲区域，使得各个组团斑块
间既有连续的生态景观属性也能有相对较低的干扰性。

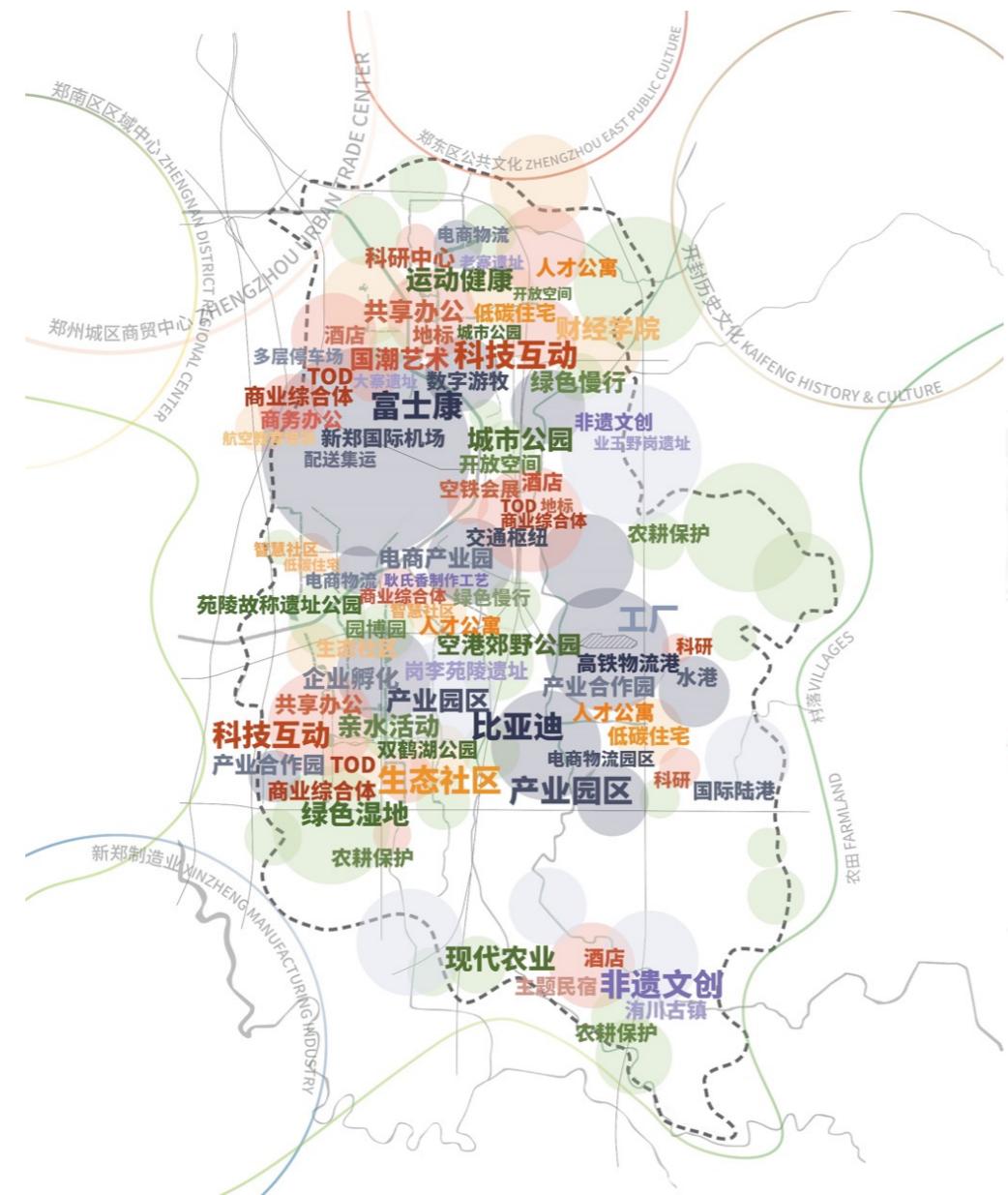
Based on the TOD development model, the green ecological
layout of the aviation port area consists of a peripheral ecological
green ring, a core area green ring within the area, and 15-minute
ecological green rings in multiple clusters. The multi-center green
ring pattern forms a green buffer area connected by green corridors
between different clusters, so that each cluster patch can have
both continuous ecological landscape attributes and relatively low
interference.

产业触媒的活动

INDUSTRY CATALYST ACTIVITIES

在制造业、航空、物流、商业和文化艺术等行业的发展下，航空港区的不同区域内催生出了多样的活动。在尊重场地本身特点的基础上，多维度发展其生产、科技、生态和历史特色，如富士康、比亚迪、物流园区、非遗文创、国潮艺术、科技研发、商业办公、机器人友好等，使得航空港城为生息宜居之城。

Diverse activities have been spawned in different areas of the aviation port area under the development of manufacturing, aviation, logistics, commercial and cultural arts industries. Responding to the characteristics of the site itself, multi-dimensional development of its production, technology, ecological and historical features, such as Foxconn, BYD, logistics park, non-foreign heritage culture and creativity, national tide art, technology research and development, commercial offices, etc., make the aviation port city a city of living and breathing.



双鹤湖科创片区结构

SHUANGHE LAKE SCI-TECH AREA STRUCTURE

On the basis of dividing this area into Shuanghe Lake Science and Technology Area (Blue Lake Wisdom Valley Core Area) and International Land Port Area Ring (Green Ring Factory Park Core Area), four different development levels and types of green rings located on the same axis are delineated. It also looks out with the Garden Expo Park located on the north side of the site.



CBD 结构

CBD STRUCTURE

Based on the division of the CAZ area into three areas: Green Island CBD, Green Corridor CCD and Green Ring Campus, the structure of the site can be three rings and two axes. The three areas represent the three centers of the site development, in which the service facilities not only include CBD functions such as financial services, business offices, retail and commercial, apartment accommodation and technology parks, but also the centers of facilities such as culture, education and living services.



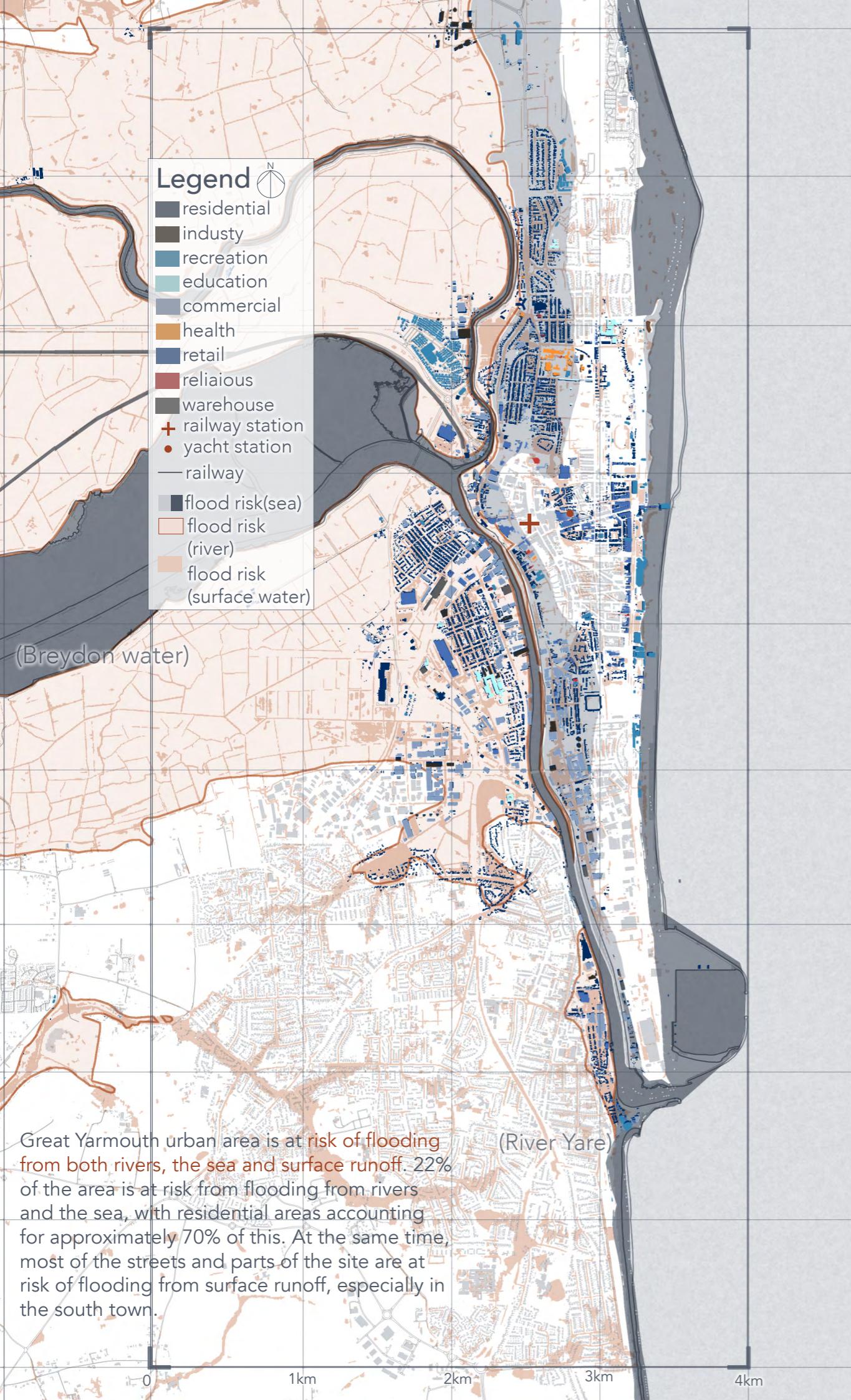
CBD 结构

CBD STRUCTURE

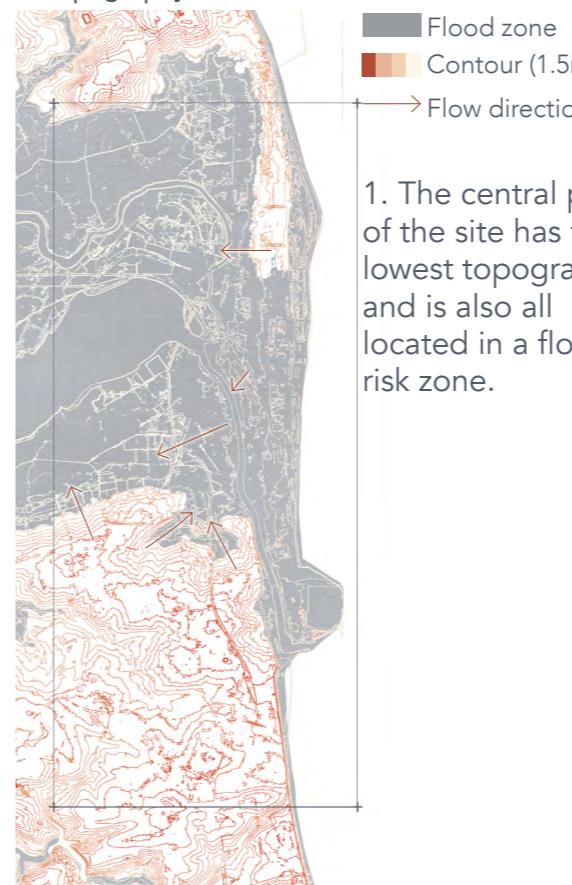
Based on the site and the characteristics of the water system, the spatial axis of the site is used to place functions: commercial (commercial complex, commercial pedestrian street, business district, etc.), industrial technology park and cultural and educational facilities (primary and secondary schools, cultural facilities, universities, etc.). The site is developed along the axis, and the site is developed by water.



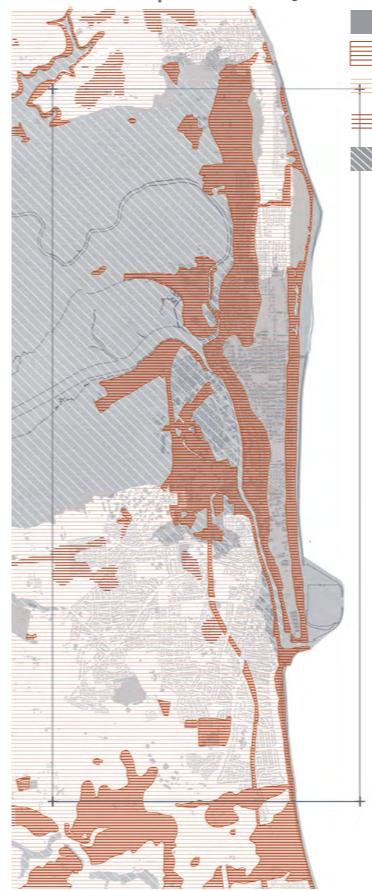
RISK OF FLOODING AND GEOGRAPHY CHARACTERS OF GREAT YARMOUTH



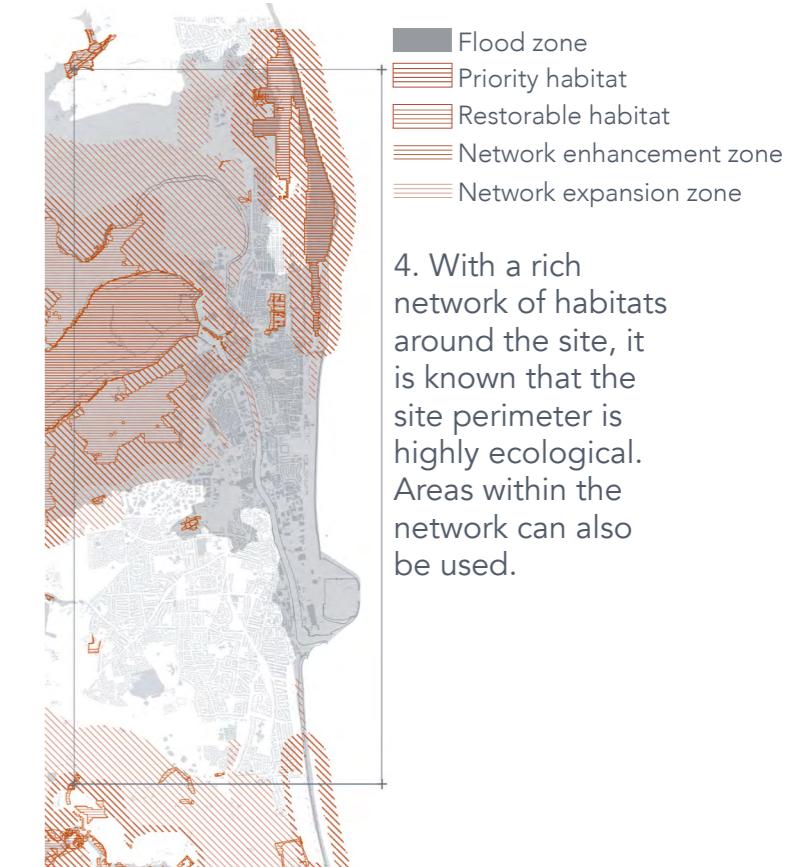
1. Topography



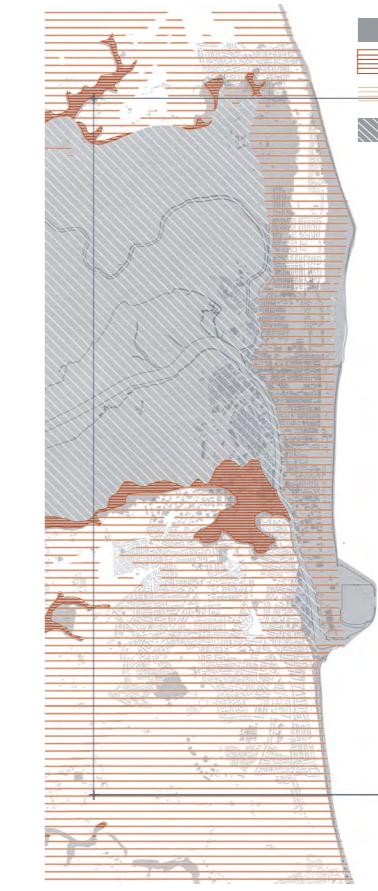
2. Maximum permeability

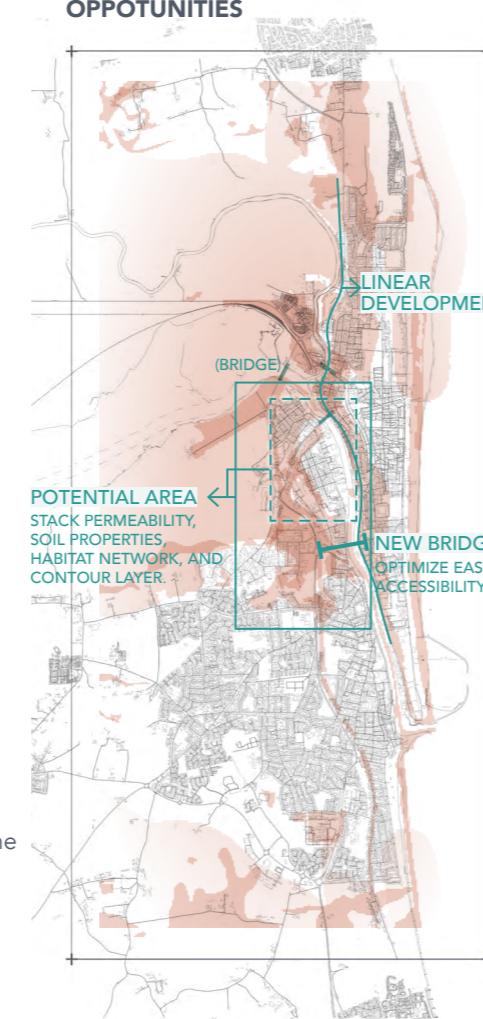
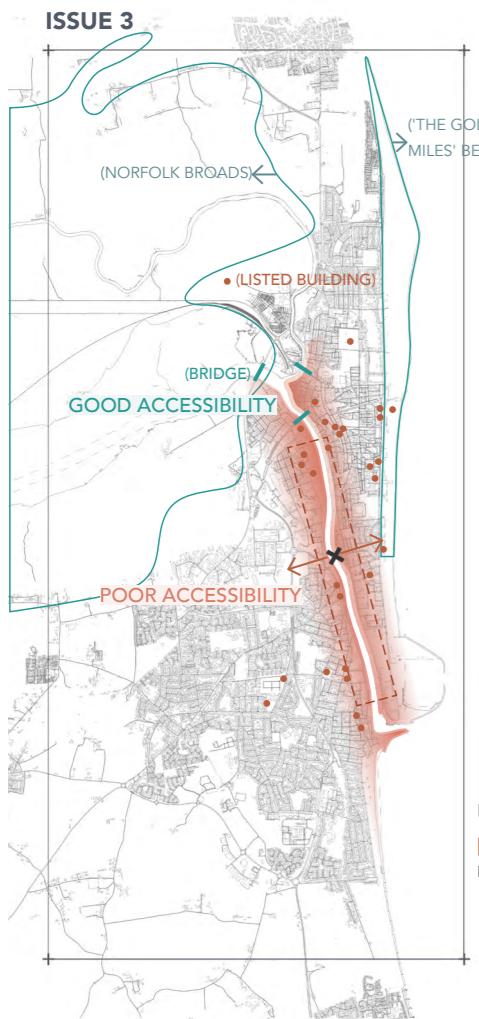
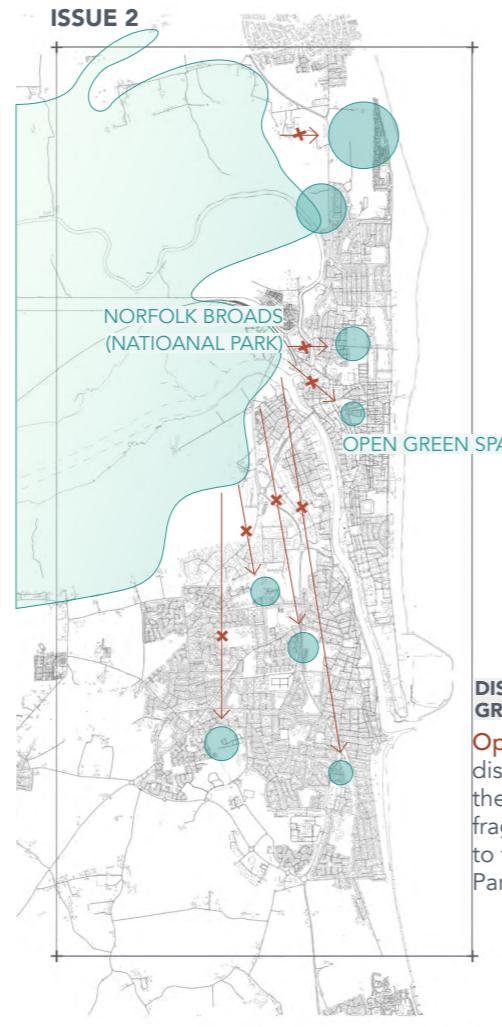
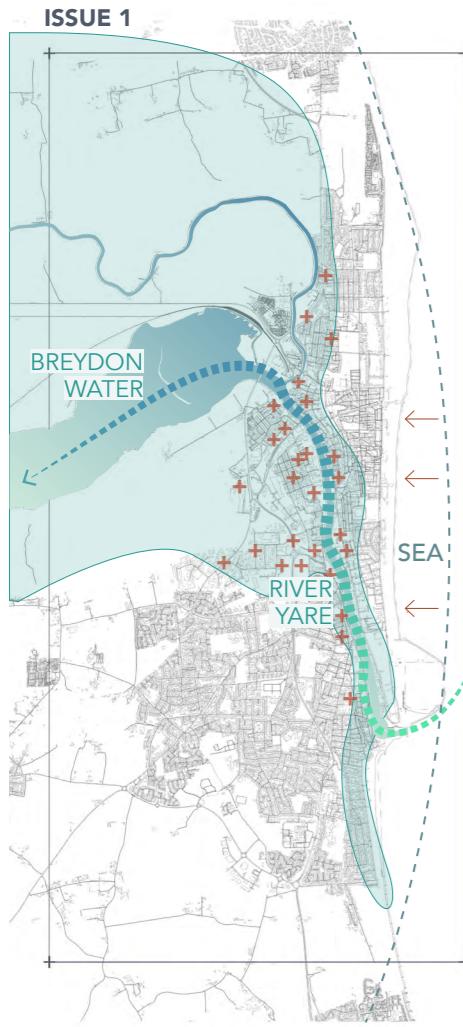


5. Habitat network

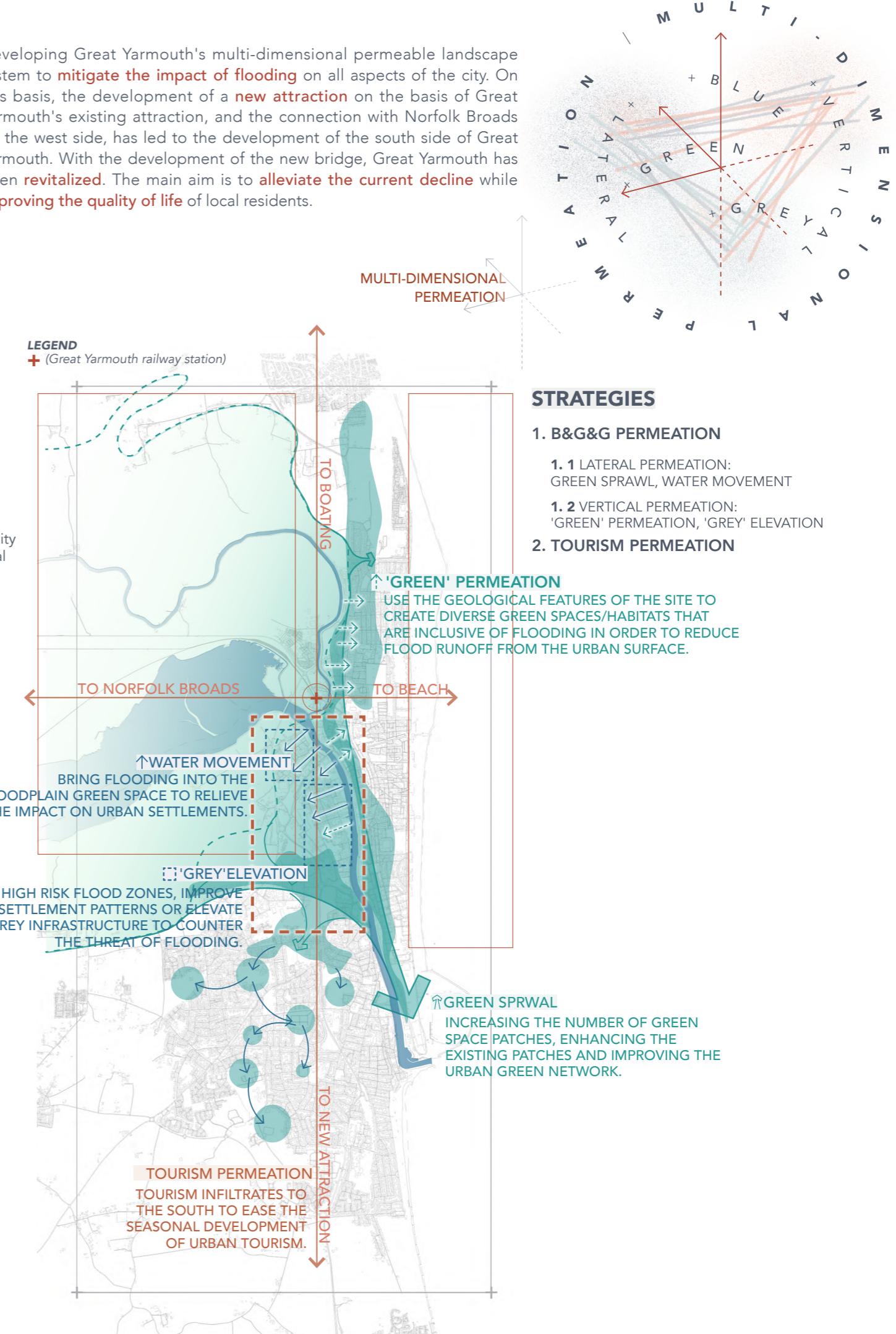


3. Soil texture





Developing Great Yarmouth's multi-dimensional permeable landscape system to **mitigate the impact of flooding** on all aspects of the city. On this basis, the development of a **new attraction** on the basis of Great Yarmouth's existing attraction, and the connection with Norfolk Broads on the west side, has led to the development of the south side of Great Yarmouth. With the development of the new bridge, Great Yarmouth has been **revitalized**. The main aim is to **alleviate the current decline** while **improving the quality of life** of local residents.

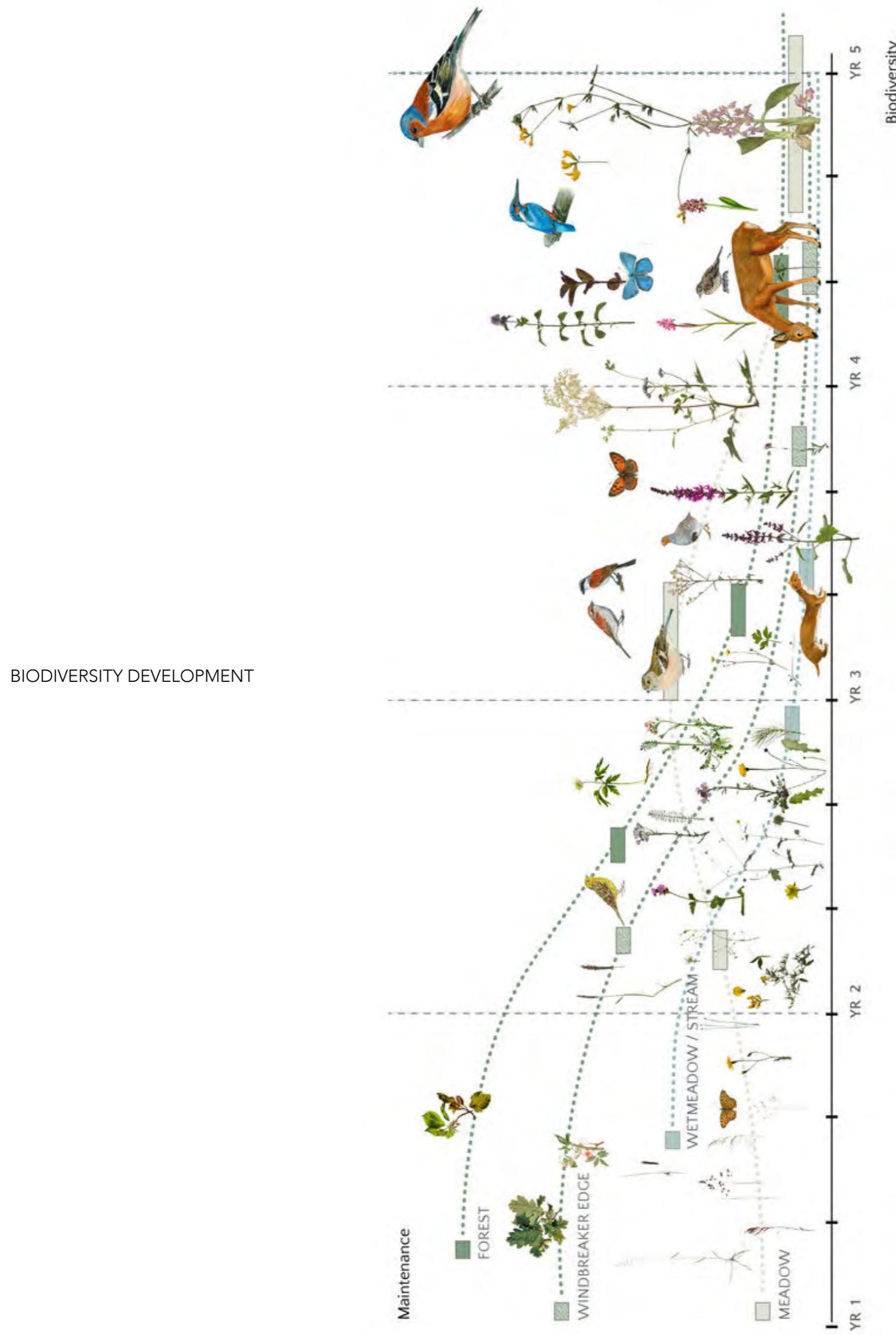


STRATEGIES

1. B&G&G PERMEATION

1. 1 LATERAL PERMEATION: GREEN SPRawl, WATER MOVEMENT
1. 2 VERTICAL PERMEATION: 'GREEN' PERMEATION, 'GREY' ELEVATION

2. TOURISM PERMEATION



CURRENT BIODIVERSITY

