

Wave Ecology

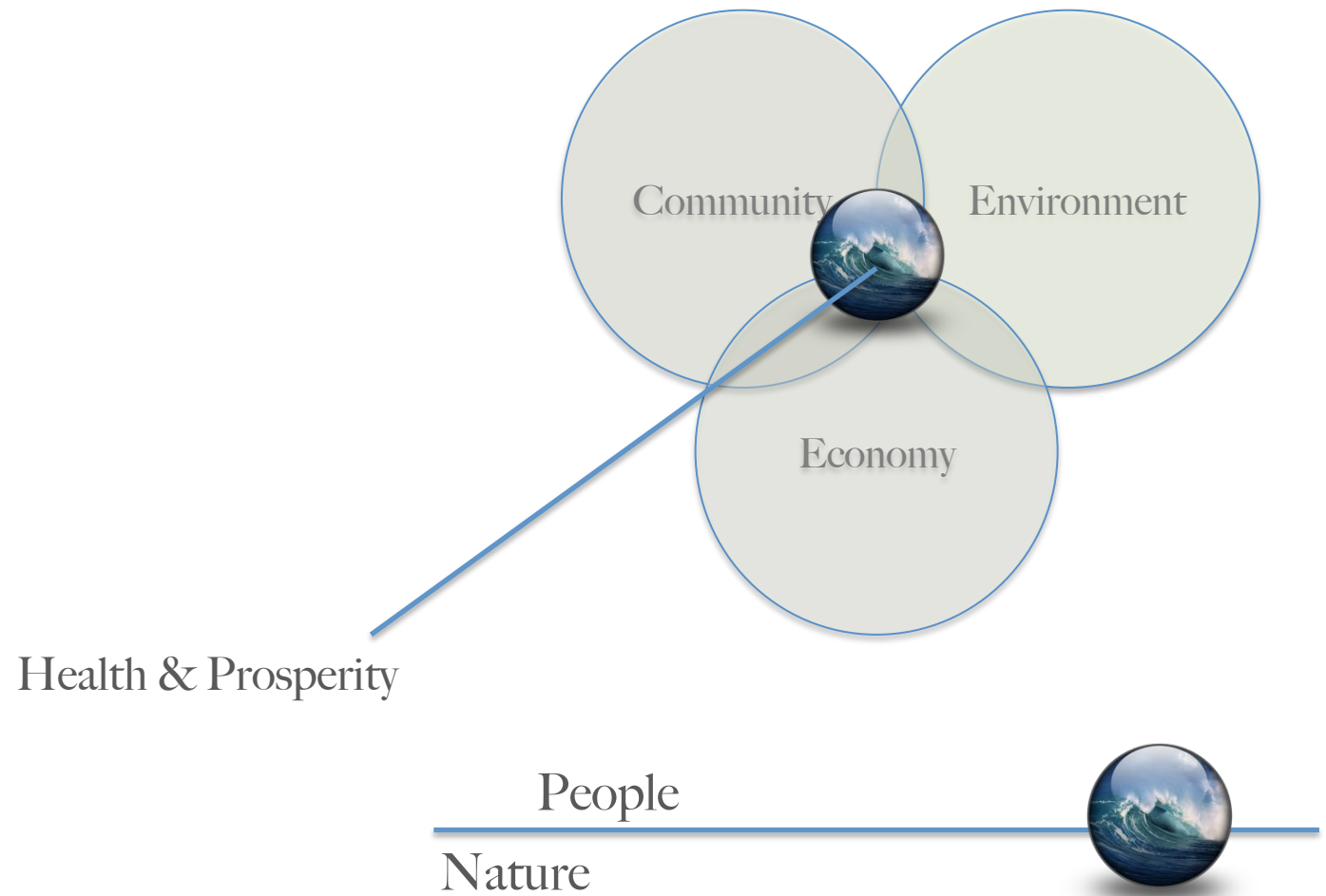
The Highway 80 Challenge



Ecosystem Ecology + Urban Ecology = Wave Ecology

Examines the population, community, and physiological structures within a boundary area to determine their interaction and interdependence

Unites the scientific approach of ecosystem ecology with urban planning



The Tybee Island Ecosystem



*Study Boundaries = Geographic Map Outputs
Today...*

*History & Development
Density: Residents & Visitors
Culture: Festivals, Destinations & Mobility
Aging Populations & Risk*

People

Nature



*History & Development:
Route 80 & Tybee Island*



People

Nature



*History & Development
Linked to Mobility...*



*The Steamboat:
Savannah to Tybee in 1 Hour*

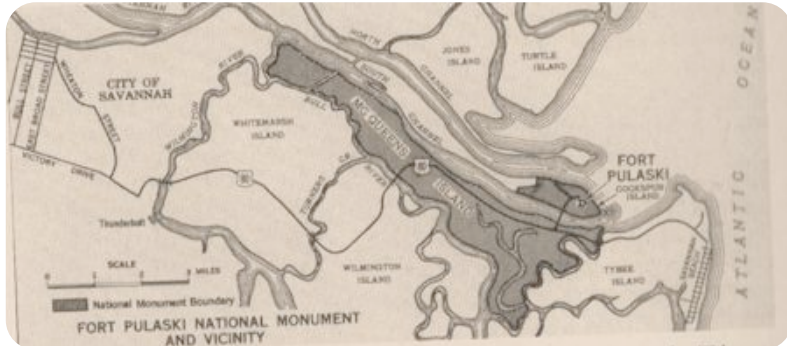
Source: Central of Georgia Railway Company

A black and white photograph showing a long, covered walkway or platform. The walkway is supported by a series of tall, rectangular columns that recede into the distance, creating a strong sense of perspective. To the left of the walkway is a building with a tiled roof and some foliage. To the right is an open area, possibly a street or a railway track. The overall scene suggests a public space, such as a train station or a government building entrance.

History & Development



Courtesy of Chatham County



Source: Gamble Collection, Live Oak Public Libraries



Savannah, GA

Tybee Island, GA



*The Tybee Island Road
Savannah to Tybee in 30 Minutes*



1916 Tybee Island Sanborn Map



1916 Tybee Island Sanborn Map

History & Development



Courtesy of Chatham County



Wave Ecology : Route 80 & Tybee Island
1950 Ariel View of the Tybee Island Road