

Focus on "Region"

- A region is a part of the earth exhibiting similar traits or characteristics.
 - ✓ A region can be natural or cultural or a unique combination of both.
 - ✓ Helps us to bring order to a diverse planet by dividing the earth up into unique areas.
 - ✓ Makes it easier to study and compare these areas by setting them apart from others.
 - ➤ Regions with <u>different characteristics</u> can overlap.

Region

All regions have 5 characteristics:

1. Location: we can find it on earth
2. Spatial Extent: we can measure it
3. Boundaries: we can set its limits (however most boundaries are "fuzzy" and blend into each other)

Region

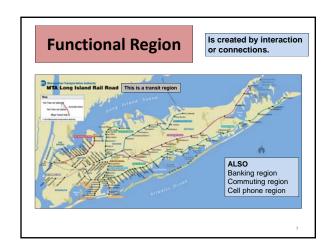
All regions have 5 characteristics:

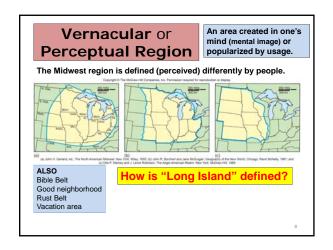
- 4. Categorization
 - a) formal (exhibit a uniform appearance)
 - b) functional (created by interaction or connections)
 - c) vernacular (mental or perceptual)

Formal Region

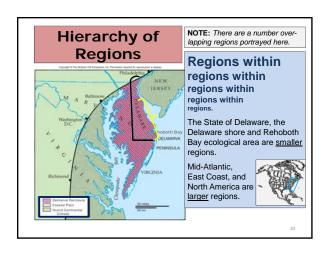
An area that exhibits a uniform appearance or characteristic.

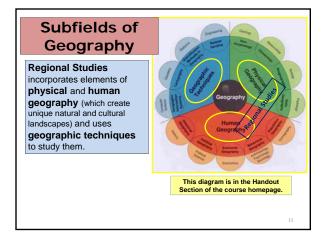
ALSO
Climate region
Landform region
Ecoregion
Agricultural region
Cultural region
Language region
Urbanized region
Urbanized region



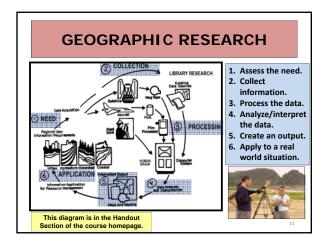


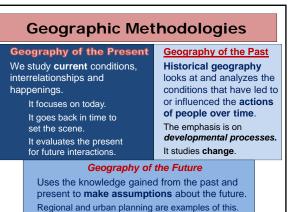
Region All regions have 5 characteristics: 5. Hierarchical Arrangement a) major b) minor





Geographic Methodologies Geographers study the earth in a number of ways. Opposing views or dualisms: Physical (natural) vs. Human (cultural) Topical (themes) vs. Regional (areas) Descriptive (What's there? Cataloguing, knowledge accumulation) vs. Analytical (Why is it there? Hypothesis testing, systematic investigations, spatial analysis) Time reference: Past Present Future





Geographic Methodologies

All three methodologies (past, present and future)

- √ Are studied from geographic dualisms point of view
- √ Use geographic research methods to gather and analyze data.
- √ Look for and analyze patterns of spatial distribution, always asking the question WHY?.
- ✓ Use cartographic methods (mapping) and GIS to portray information spatially.

15

SPATIAL DISTRIBUTION

Spatial distribution is the essence of geography. We need to distinguish between the following:

- **❖**DENSITY
- **♦**CONCENTRATION
- **❖**PATTERN
- ❖SPATIAL INTERACTION (issues of distance)
- ❖DIFFUSION (issues of spread)

16

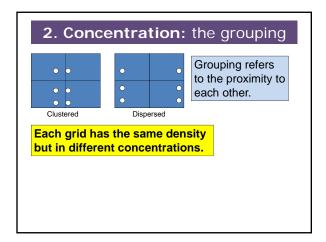
Spatial Distribution

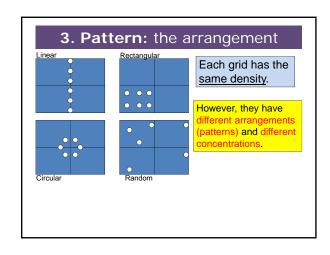
DENSITY: the number of times something exists within a given unit (space)

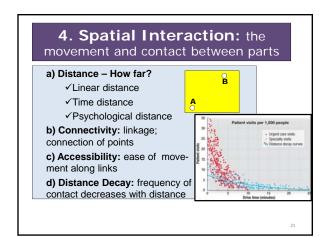
(as people per sq. mi. or seats per 400 sq. ft. classroom)

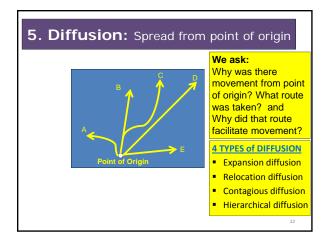
- 2. CONCENTRATION: grouping of density (clustered or dispersed; proximity to each other)
- 3. PATTERN: the arrangement of density
 (as linear, rectangular, circular, centralized, random)

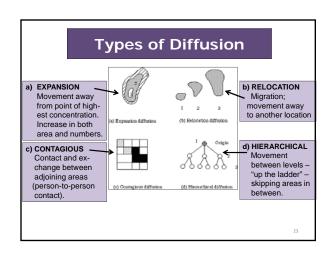
17

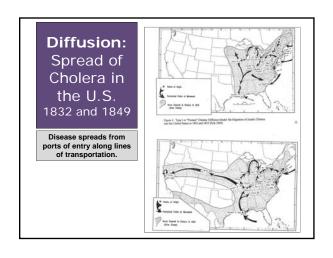


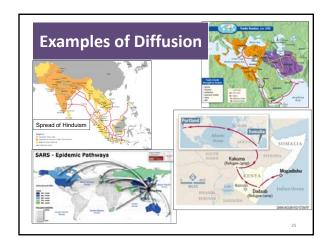


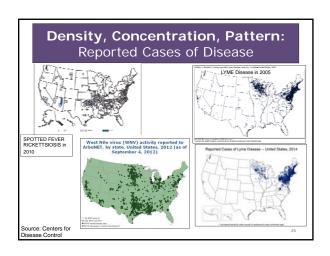


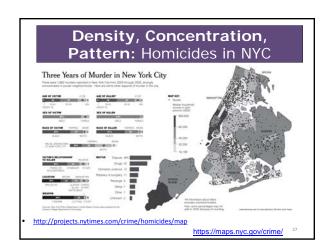


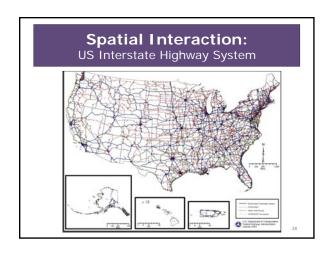


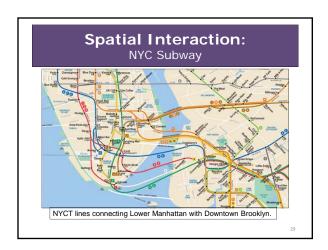












NEXT

Geographers' Tools:
Making Maps