

**Hunter College-CUNY  
Department of Geography  
and Environmental Science**

**GEOG 10100**

**People and their Environment:  
An Introduction to Geography**

**Sections 02 and ECI-2**

**Spring 2020**

**Tuesday and Friday**

**11:10 AM-12:25 PM**

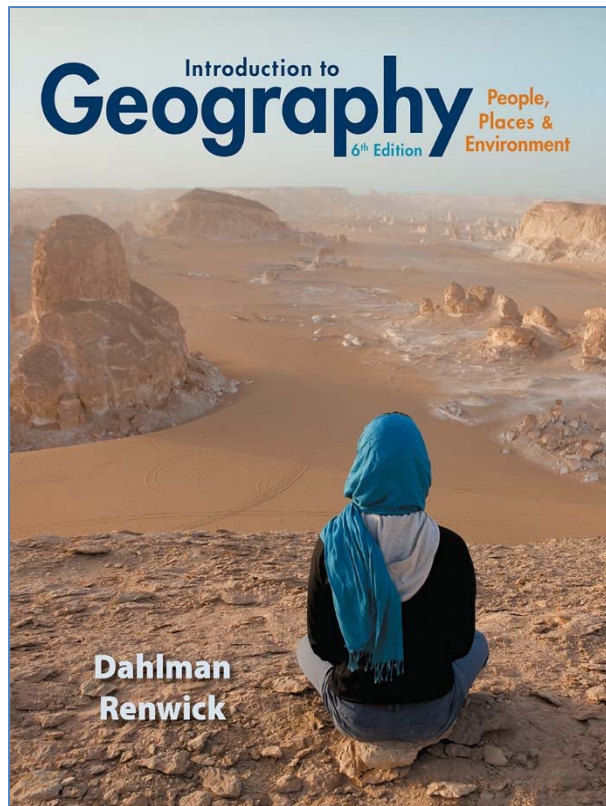
**Prof. Anthony Grande**

See syllabus for contact information.

E-mail is best: [agrande@hunter.cuny.edu](mailto:agrande@hunter.cuny.edu)

**A copy of the  
course  
syllabus was  
sent to your  
HC email  
address**

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**The 6<sup>th</sup> edition is the latest edition.**

OK to get a used copy of this book.

# Textbook for this Course

## **REQUIRED TEXT:**

**Introduction to Geography:  
People, Places & Environment,  
6th Edition**

by Carl H. Dahlman and  
William H. Renwick

Published by Pearson

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Also available as an e-book and rental.

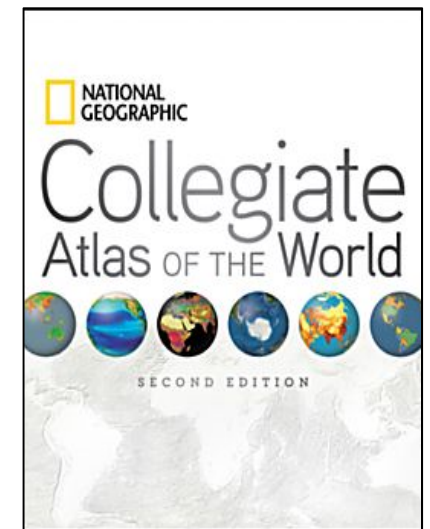
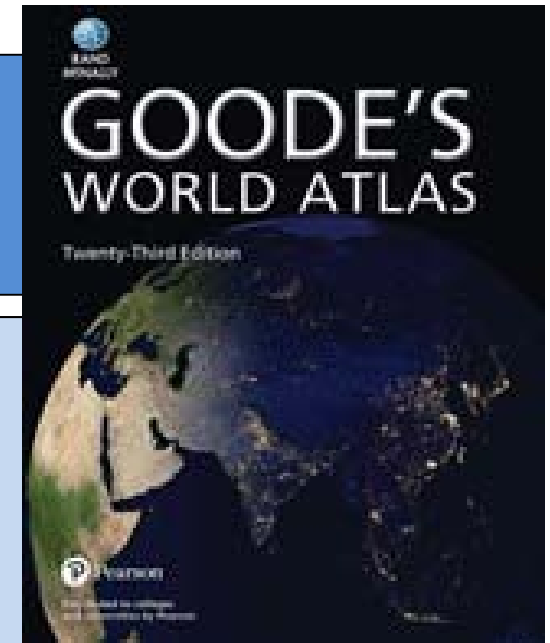
# Atlas Recommendations for this Course

You need to have access to a world atlas that includes thematic maps.

**The Rand McNally  
*Goode's World Atlas* is best.**

➤ Also good is the  
National Geographic *Collegiate Atlas  
of the World*.

***The atlas supplements class lectures  
and is the basis of extra credit exercises  
that may increase exam grades.***



# ACCESSING COURSE MATERIAL

**This course is  
NOT  
on BlackBoard.**

**Access GEOG 101  
course material via  
the Course Home  
Page through the  
Hunter College  
Geography &  
Environmental  
Science depart-  
ment web page.**

The screenshot shows the website for the Department of Geography and Environmental Science at Hunter College. The header features the department's logo and name, along with a list of research areas: Human and Physical Geography, Earth and Environmental Science, GIS, Geoinformatics, and Remote Sensing. A navigation bar includes links for About Us, People, Courses, Undergraduate, Graduate, Research, Computing, and Resources. Below the navigation bar is a collage of five photographs: a person in a red jacket examining a tree, a group of people on a wooden bridge over a stream, a person in a blue jacket working with a dog, a group of people in a field, and a group of people posing for a photo. To the right of the collage is a list of social media icons. Below the collage is a blue box containing the text: "CITIES AND GLOBALIZATION. DIGITAL MAPPING, GIS, AND GEOINFORMATICS. SUSTAINABILITY. EARTH SYSTEM SCIENCE. HUMAN DIMENSIONS OF EARTH SYSTEM. ENVIRONMENTAL POLICY." To the right of the blue box is a section titled "Courses" with links for "Course Syllabi & Web Pages" and "Schedule of Classes". Below this is a section titled "Degree Programs" with links for "Academic Advising", "Schedule", "BA Geography", and "BA Environmental Studies".

DEPARTMENT OF  
**GEOGRAPHY AND ENVIRONMENTAL SCIENCE**  
HUMAN AND PHYSICAL GEOGRAPHY EARTH AND ENVIRONMENTAL SCIENCE GIS GEOINFORMATICS REMOTE SENSING

About Us People Courses Undergraduate Graduate Research Computing Resources

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SUSTAINABILITY. EARTH SYSTEM  
SCIENCE. HUMAN DIMENSIONS OF  
EARTH SYSTEM. ENVIRONMENTAL  
POLICY.

**Courses**  
[Course Syllabi & Web  
Pages](#)  
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**Degree Programs**  
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# ACCESSING COURSE MATERIAL

1. Access G101 course home page via the Geog. Dept web site.

**This course is NOT on BlackBoard.**

1.

<http://www.hunter.cuny.edu> >Academic depts  
>Geography

[http://www.geo.hunter.cuny.edu/courses/geog101\\_grande/index.html](http://www.geo.hunter.cuny.edu/courses/geog101_grande/index.html): direct link to course listings

2. Click on Course Syllabi & Web Pages



2. Courses

Course Syllabi & Web Pages

Degree Programs  
Academic Advising

**GEOG  
10100  
list**

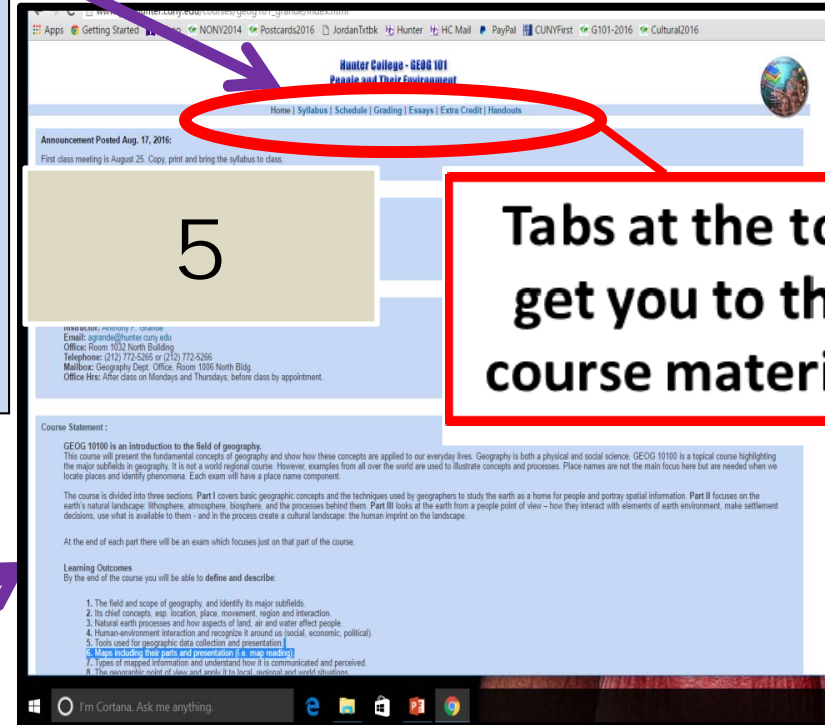
4. Scroll to our course/section number and click on the link.

3.

Course	Sec	Title	Revised	Instructor
GEOG 10100	01	People and their Environment		<a href="#">Hongmian Gong</a>
GEOG 10100	02	<a href="#">People and their Environment</a>		<a href="#">Anthony Grande</a>
GEOG 10100	CN1	<a href="#">People and their Environment</a>		<a href="#">Henry Sirotin</a>
GEOG 10100	EC11	People and their Environment		<a href="#">Hongmian Gong</a>
GEOG 10100	EC12	<a href="#">People and their Environment</a>		<a href="#">Anthony Grande</a>
		People and their		

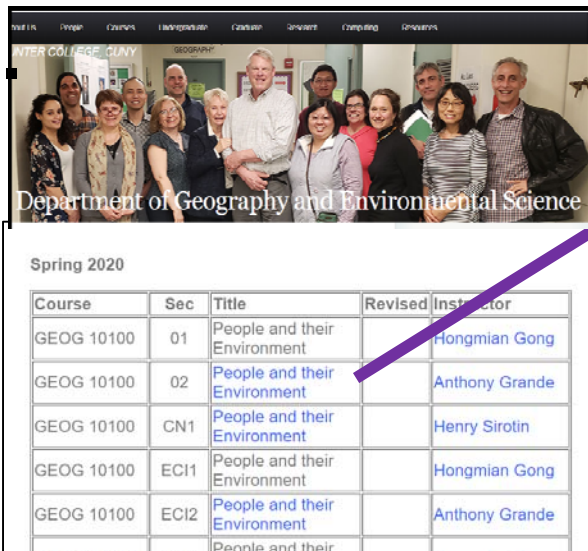
# ACCESSING COURSE MATERIAL

5. Access the links to get the material you wish to view or copy, including *Power Point* lecture slides, hand-outs and atlas extra credit assignments.



Tabs at the top get you to the course material.

4.



[http://www.geo.hunter.cuny.edu/courses/geog101\\_grande/index.html](http://www.geo.hunter.cuny.edu/courses/geog101_grande/index.html):

Direct link to home page  
(also printed on the syllabus)

# Grading for the Course

## ❖ Components:

- Exam 1 = 30% of your grade
- Exam 2 = 30% of your grade
- Exam 3 (the final) = 30% of your grade
- Required Essays = 10% of your grade (2 essays at 5% each)

## ➤ Extra credit options are available:

- Atlas-based exercises from the course home page.
- Geographic discussion essays from textbook chapters.
- Other options may be offered (including your own project or research suggestion) with **my approval in advance**.

## ✓ Attendance will be taken.

- Poor attendance usually equals poor exam grades.

# EXAM FORMAT

- ❖ **All 3 exams have the same format and weight** (30% ea).
- ✓ The format is **short answer multiple choice**.
- ✓ Exams are **non-cumulative**; each one covers the material from just that third of the course
- ✓ Each includes questions aimed at **diagrams/illustrations**.
- ✓ Each one has a **place name section** focusing on different world regions. **Exam 1:** Europe and Africa; **Exam 2:** North America, South America and Antarctica; **Exam 3:** Asia, Australia and Oceania.
- **Atlas extra credit** exercises may add a **maximum of +8 points** to your exam grade based on exercise score.
- ❖ **The missed exam make-up test format is written responses to questions and terminology + place names.** (Students tend not to do as well on make up exams).



# Required Essays Assignment

Select any 2 of the 3 topical options

Due no later than Friday, April 17, 2020

lateness penalty kicks on April 18<sup>th</sup>

**For detailed instructions see the Essays tab on the course home page.**

**Option 1:** Contributions to the field of geography.

**Option 2:** Relationship of climate change to a current event topic.

**Option 3:** People interacting with nature: when a natural process becomes a natural hazard.

- **Read textbook chapters 1-3** applicable to the topic. *For the essay don't use any example detailed in class or featured in the textbook.*
- **Research the topic.**
  - **DO NOT** use *Wikipedia* as your main (only) source.
  - Always check a 2nd or 3rd source to verify information.
- **Stay focused on the topic.**
- **Use footnotes** and list all your sources at the end of each essay in bibliographic format.

**If you do all three you may designate ONE ESSAY for EXTRA CREDIT.**

# Semester Calendar for this Course

**Meeting Times:**  
**Tuesdays and Fridays**  
**11:10 AM – 12:25 PM.**

Exam dates and work  
submission deadlines are  
subject to change.

- Tues. Jan. 28 First class meeting.
- Tues. Feb. 25 Tentative date of EXAM I.
- Fri. Apr. 03 Tentative date of EXAM II
- **Tues. Apr. 07** **Wednesday schedule at CUNY. We do not meet.**  
Last day to email me your proposal for an optional special extra project.
- Fri. Apr. 10 No class/Spring break.
- Tues. Apr. 14 No class/Spring break.
- **Fri. Apr. 17** **This is a regular Friday at CUNY and we meet as usual.**  
**Last day to submit Required Essays without lateness penalty.**
- Tues. May 12 Last class lecture meeting.  
Last day to submit extra credit essays (from chapters 4-12).  
Last day to hand in a pre-approved special extra credit project.
- **Tues. May 19** **Exam III Final Exam from 9 AM-11 AM in Room 1036HN.**  
**Note the earlier time. This time has been slotted by Hunter College.**  
*If needed, make appropriate arrangements in advance!*  
Last day to hand in Required Essays; late penalty applies.  
Remember: NO extra credit accepted after May 12.

# Sequence of Topics for the Course

## I. Introductory Material

- A. Field of Geography
- B. Geographers' Tools

**EXAM 1** will cover Topics I A-B  
from Chapter 1 and non-  
textbook material

## II. Environment and Resources: Physical Geography

- A. Weather and Climate
- B. Landforms
- C. Biosphere
- D. Earth Resources

**EXAM 2** will cover Topics II A-D  
from Chapters 2-5

## III. People, Societies and Development: Human Geography

- A. Population
- B. Culture
- C. Agriculture
- D. Urbanization
- E. World of States
- F. Economic  
Development

**EXAM 3** (the Final) will cover  
Topics III A-F using  
selections from  
Chapters 6-12

# Learning Outcomes

❖ By the end of the course you will be able to **define and describe**:

1. The field and scope of geography and identify its major subfields.
2. Its chief concepts, especially location, place, movement, region and interaction.
3. Tools used for geographic data collection and presentation.
4. Natural earth processes and how aspects of land, air and water affect people.
5. Human-environment interaction and recognize it around us (social, economic, political).
6. Maps, including their components and presentation (i.e. map reading).
7. Types of mapped information and understand how it is communicated and perceived.
8. The geographic point of view and apply it to local, regional and world situations.
9. Location analysis, employing geographic tools to do so (critical thinking).
10. Develop the skills to read and write critically about the subject.

# Doing Well in this Course

## ❖ This is an intro-level course.

1. **No prior knowledge is assumed.** Therefore,
2. **A lot of new information is presented.** For the most part, it is superficial. We will not go into depth.
3. **Attendance is important.** Material outside of the textbook will be covered and tested.
4. **Take advantage of the extra credit offered.** It can only help, not hurt, your grade by reinforcing the material presented.
5. **Free tutoring is available.** Skirball Learning Center, 7<sup>th</sup> floor HE

## ❖ Follow the 4 R's: Receive, Retrieve, Rate and Reflect.

1. **Receive** the information as presented in the lectures, textbook and in illustrations.
2. **Retrieve** the information by studying and reviewing the material. Focus on basic concepts and relationships. Use them outside of the classroom.
3. **Rate** the material. Critical thinking is key. Ask questions. Write thoughtful essays.
4. **Reflect** on what you learned. How can it be applied to everyday life? What's the relevance to current events/world affairs?



# Responsibilities:

See syllabus for details.

- **Actual on-time attendance is important.** Material outside of the textbook will be covered and tested.
- **All exams must be taken and required assignments submitted in a timely manner.** Missed requirements count as **zero** points.
- **A lateness penalty will be assessed on past-due essays.**
- **Extra credit assignments are optional.** No late submissions accepted.
- **Prior approval is required for any special extra credit project**
- **Neatness counts.**
- **All Hunter College/CUNY rules and regulations are enforced.**
- **Incomplete Grade.** An **IN** grade is given at my discretion with documentation from you.
- **Withdrawals and Drops.** You are responsible to adhering to the CUNY guidelines: **WU = F**.
- **Special Accommodations.** You must be registered with the Office of AccessABILITY to receive them.
- **Academic Dishonesty is not tolerated.** Cheating/plagiarism are grounds for course failure and college disciplinary actions.
- **Sexual Misconduct is not tolerated.** Report any form of sexual violence, harassment, retaliation or inappropriateness to 911 or to the HC Campus Public Safety Office.

# MAJOR PROGRAMS

❖ This department offers two major programs:

✓ **Geography**

✓ **Environmental Science**

- Both focus on studying earth environment and sustainability.
- Get information from the HC Geog/ES Dept. office (room 1006HN), department web site or from the GEOG 101 course home page at:

[http://www.geo.hunter.cuny.edu/courses/geog101\\_grande/ges\\_majors.html](http://www.geo.hunter.cuny.edu/courses/geog101_grande/ges_majors.html)

# Part One: Introduction to the Field of Geography

## I. INTRODUCTION

### A. Syllabus Review

### B. What is Geography?

1. Definition
2. Landscapes
3. History of Geography
4. The Five Fundamental Themes

### C. Regions

### D. Methods of Study

1. Geographic Dualisms
2. Geographic Research
3. Spatial Analysis

## II. GEOGRAPHERS' TOOLS

### A. Introduction: Collection and Portrayal of Data

### B. Cartography

### C. Location Systems

### D. Maps

### E. Remotely Sensed Info

### F. Automated Cartography

### G. Geographic Information Systems (GIS)

**\*\*\* EXAM 1 \*\*\***

**Exam 1 covers material in just Chapter 1 of the textbook plus all the PowerPoint lecture slides.**

# What is Geography?

Comes from the Greek:

***Description of the earth.***

**But it is NOT pure description nor is it an inventory of places.**

- ✓ It is an **analysis** of place - of **location**.  
*(We need to name places and know where they are to make a coherent analysis.)*
- ✓ It asks the question: **Why?**
- ✓ We practice geography everyday by making **location decisions**.
- ✓ Many of those decisions are based on our **perception** (instantaneous analysis) of place.

**Why are you sitting where you are in this classroom, especially if you had a choice of seats when you first came in?**

# Definition of Geography

1. It is the study of the earth's **surface**.
2. It is the study of the earth's **physical features** (*natural*) and **human features** (*man-made/cultural*).
3. It is the study of the **distribution** of these features (*Where on earth?*).
4. It is the study of human/environment **interrelationships**.

*(**Nature** sets the stage which is studied in physical geography and **people** act on it which is studied in human geography!)*

5. **Maps** are geographers' special tool. (*They are used for both display of information and data analysis*).



# Development of a Cultural Landscape

## How does a cultural landscape come about?

To answer this question we need to be versed in the study of the social science of interrelationships.

- Geography is the study of people living on the surface of the earth interacting with the natural environment.
- There is a sequence of actions that people have taken since the beginning of time, many interfacing with nature.

❖ ***Place names in geography are tools for analysis, not the core premise of geographic literacy.***

- ✓ To study people in their environment, we need to be able to **locate features and identify them by name** or category – so we can find them again and know what we are discussing.

# Development of a Cultural Landscape

## 1. The natural (physical) landscape sets the scene.

- ✓ People analyze component parts.
- ✓ Environmental factors influence people but **DO NOT** control destiny.
  - *Environmental determinism vs. Possibilism*

## 2. People are aware of their environment.

- ✓ They think. They create mental images.
- ✓ There is a perception of their surroundings (both environmental and situational).
  - *Mental interaction with place leads to an assessment of its potential.*

# Development of a Cultural Landscape

## 3. People interact with and exploit (use) the environment.

- a. **Mental images**: pre-conceived and potential.
- b. **Cultural values**: respect for the environment.
- c. **Utilization**: making use what is there.
- d. **Technological ability**: coping with and/or manipulating what is there. *(Higher levels of technology allow people to cope with harsher environments and more difficult conditions.)*
- e. **Movement**: toward or away from a place *(migration)*; based on our likes and dislikes and our perception (assumption) of survival.

# Development of a Cultural Landscape

Village in Italy's Dolomite Alps, with its buildings and fields, forms a cultural landscape in sharp contrast to the natural landscape of the region.

## 4. This results in the creation of the cultural landscape.

- ❖ Defined as the: **“Human imprint on the natural landscape.”**
  - *It gives personality to the earth's surface. It makes areas unique.*
  - *People utilize an area based on what is there.*
  - *This area turns with the seasons from farming to skiing.*





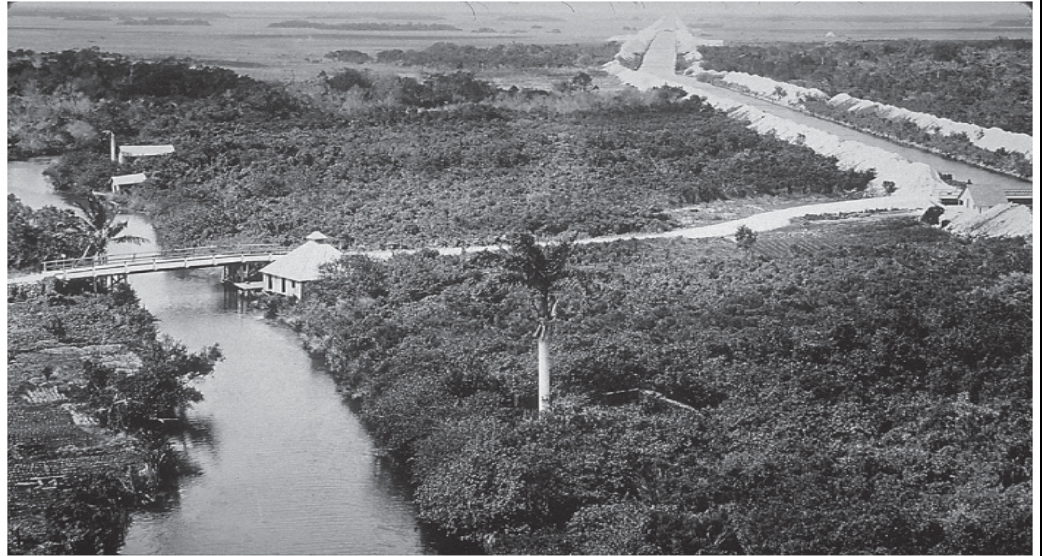
# Changing Landscapes

Miami, FL 1913

Miami, FL 2000

**Change over time:**  
Manmade changes to  
land and waterways  
over a 87 year period.

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(a)



(b)

(a) © Historical Museum of Southern Florida; (b) © South Florida Water Management District



# Changing Landscapes

## Change over time:

In October 2012, natural forces (Superstorm Sandy) changed a natural feature in just 24 hours.

## Aftermath of Sandy Nov. 4, 2012



## Before Superstorm Sandy (2010)

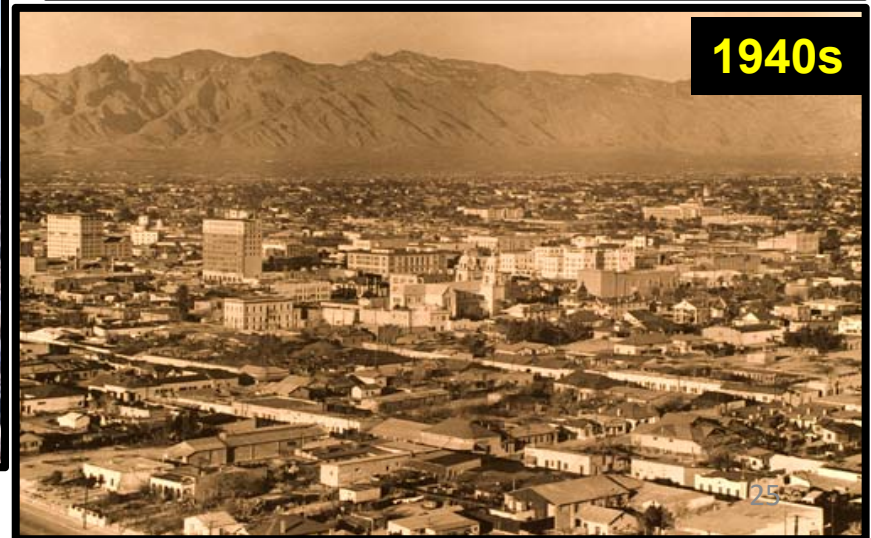
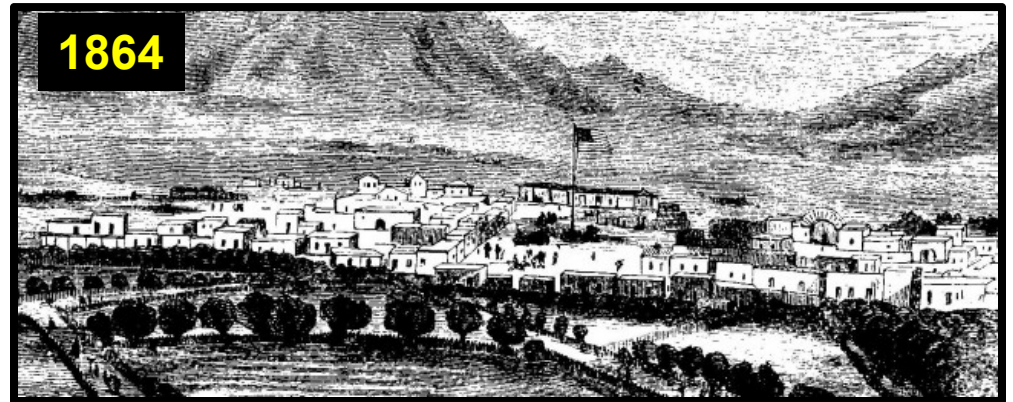




# Changing Landscapes

## Change over time: Urbanization in Tucson, AZ.

Tucson has spread in the last 150+ years from its original core along the river. In the 1960s much of the historic downtown area was erased as the city underwent urban renewal.

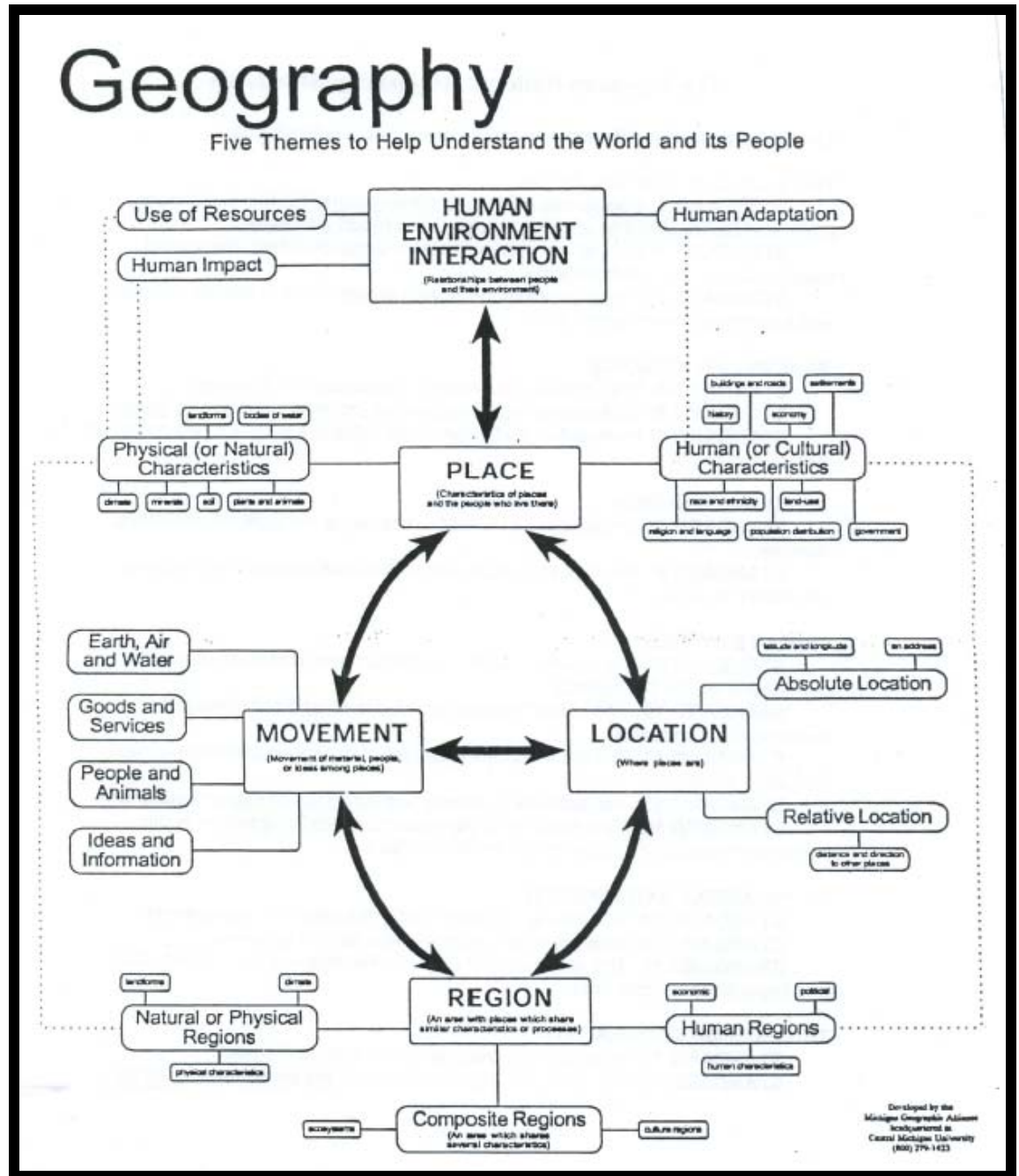


# Flow Diagram

## The Five Fundamental Themes of Geography

Source: Michigan Geographic Alliance

This handout is available on the course homepage for viewing and printing.



# Five Fundamental Themes

## 1. LOCATION

Addresses the question: **Where?**

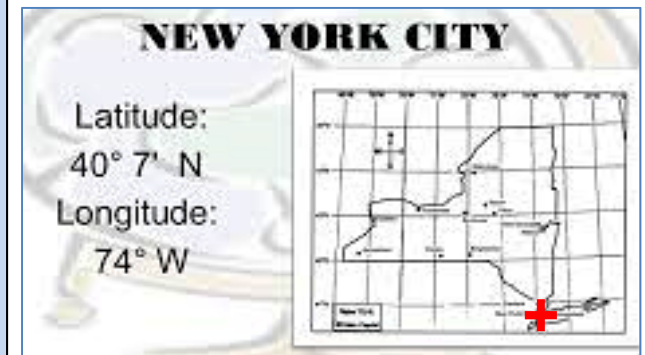
There are 2 types of location:

### A. **SITE: absolute location**

This is exact placement on earth's surface: *latitude and longitude or another grid-based system.*

### B. **SITUATION: relative location**

This is location in relation to other sites: *includes aspects of accessibility, connectivity, change through technology, strategic positioning.*





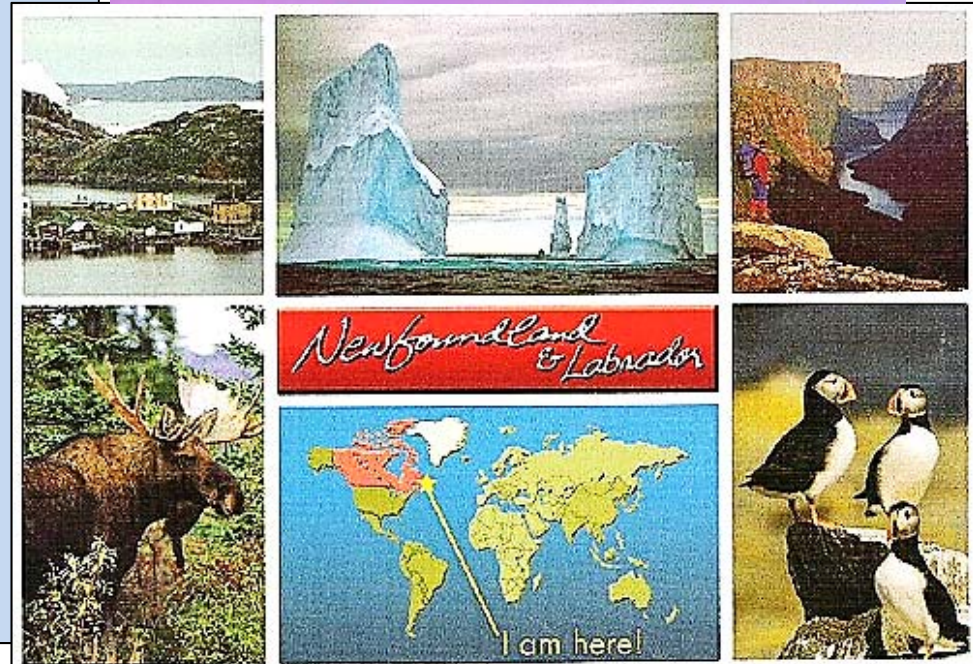
# Five Fundamental Themes

## 2. PLACE

Addresses the **special features or characteristics** of a location that make it **unique**.

Includes:

- **Size** (how large or small)
- **Land surface** (terrain, river systems, coastlines)
- **Physical characteristics** (climate, geology, soils, water, wildlife, ecosystems)
- **Human characteristics** (population, ethnicity, land use, architectural styles, transportation networks)



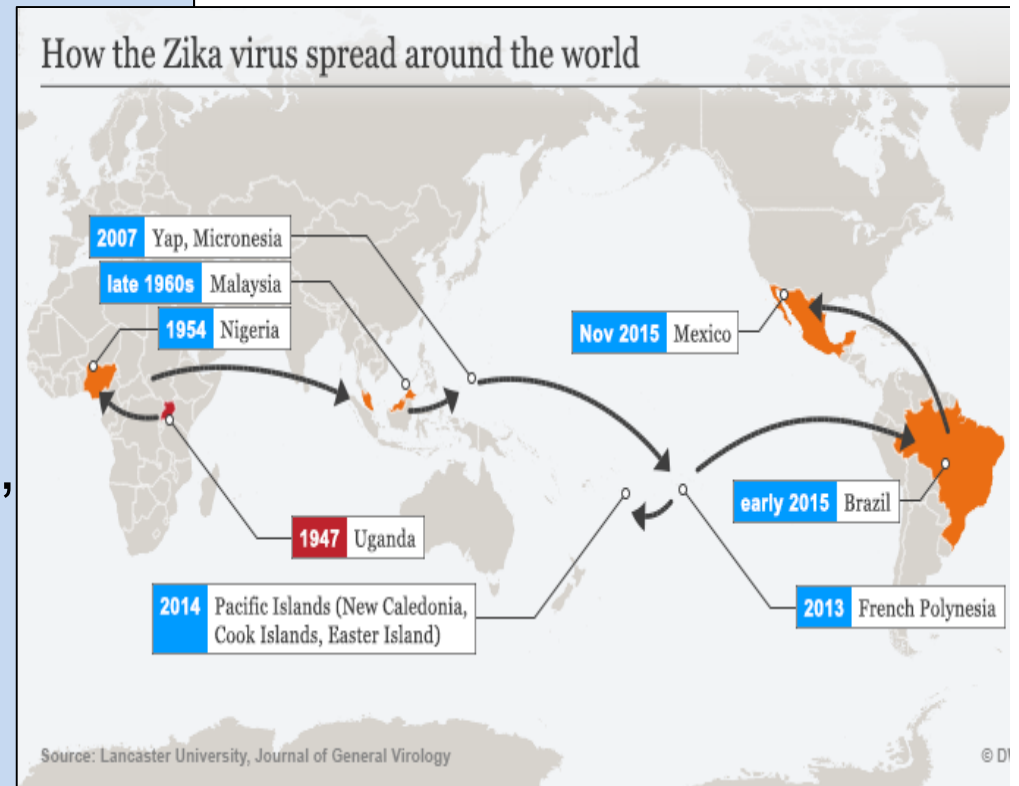


# Five Fundamental Themes

## 3. MOVEMENT

Addresses the idea of **mobility** to, from and within a location.

- ✓ Studies the flow and repositioning of people, wildlife, disease, goods and ideas on the earth's surface.
- ✓ Analyzes diffusion (or spread) from a point of origin.

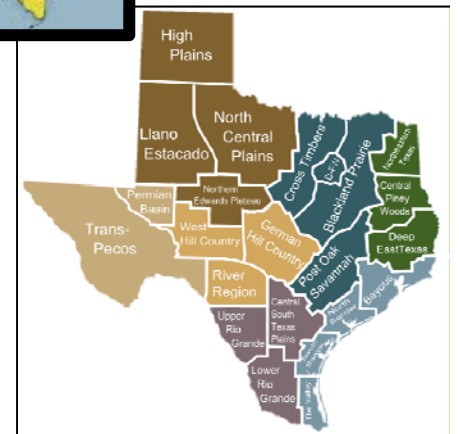
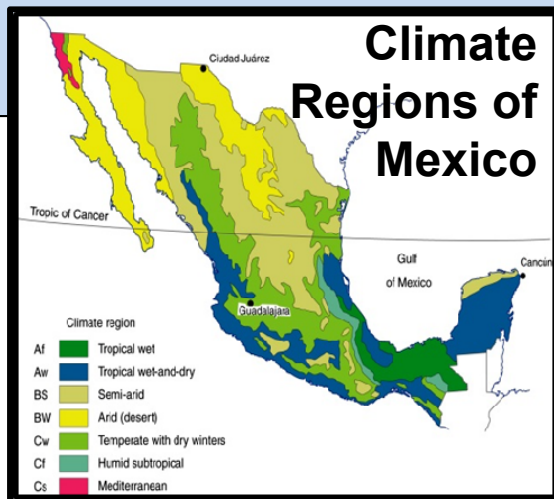


# Five Fundamental Themes

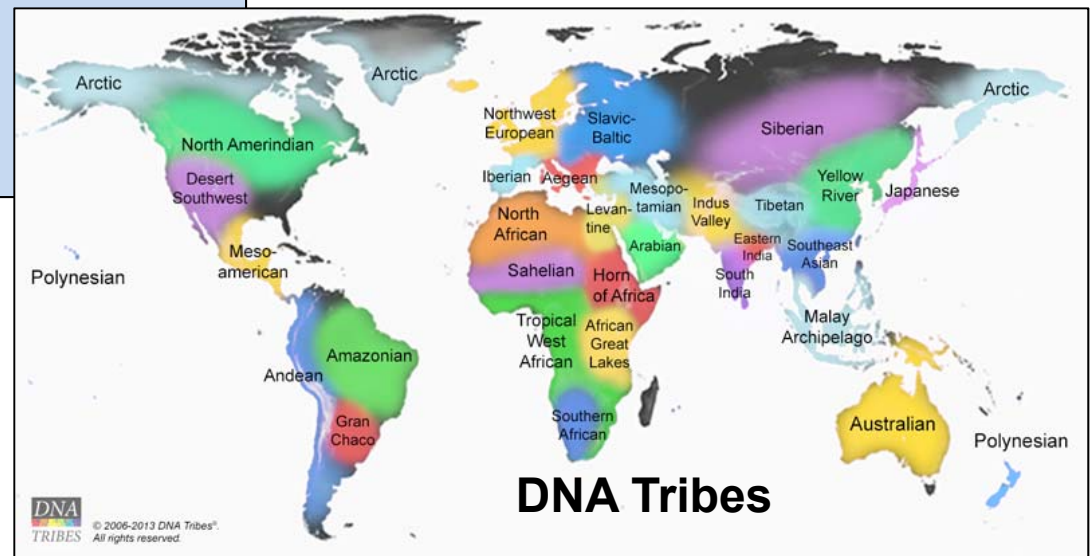
## 4. REGION

Addresses the **unifying factors** of location.

- Identifies similar characteristics.
- Studies formation.
- Tracks change over time.



**Texas Sub-regions**



# Five Fundamental Themes

## 5. HUMAN-ENVIRONMENT INTERACTION

Addresses the **relationships** within locations between **people** and the **physical environment**.

- > Perception
- > Technology
- > Land use decisions
- > Impact





# Five Fundamental Themes Plus One

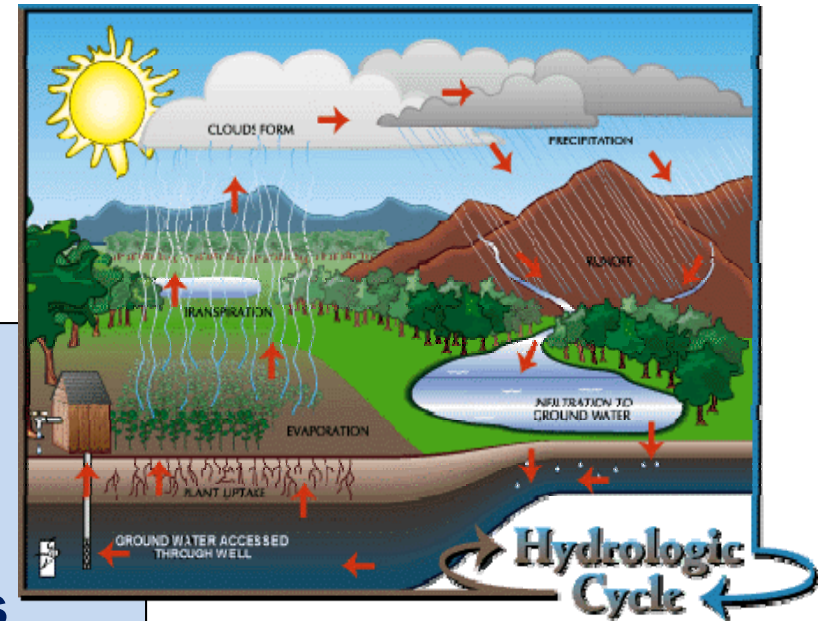
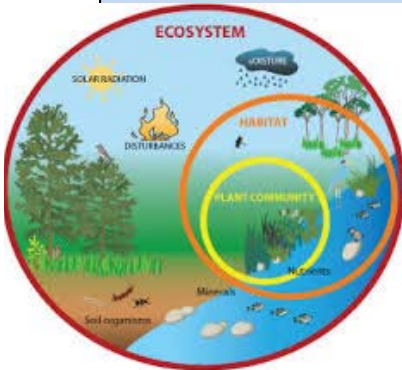
To the Five we add the

**Earth science tradition of geography.**

Addresses the **processes, cycles** and **systems** that constantly modify the natural world and therefore influence people.

These include:

- ☐ Geologic/atmospheric processes
- ☐ Seasonal and ecological cycles
- ☐ Biomes and ecosystems



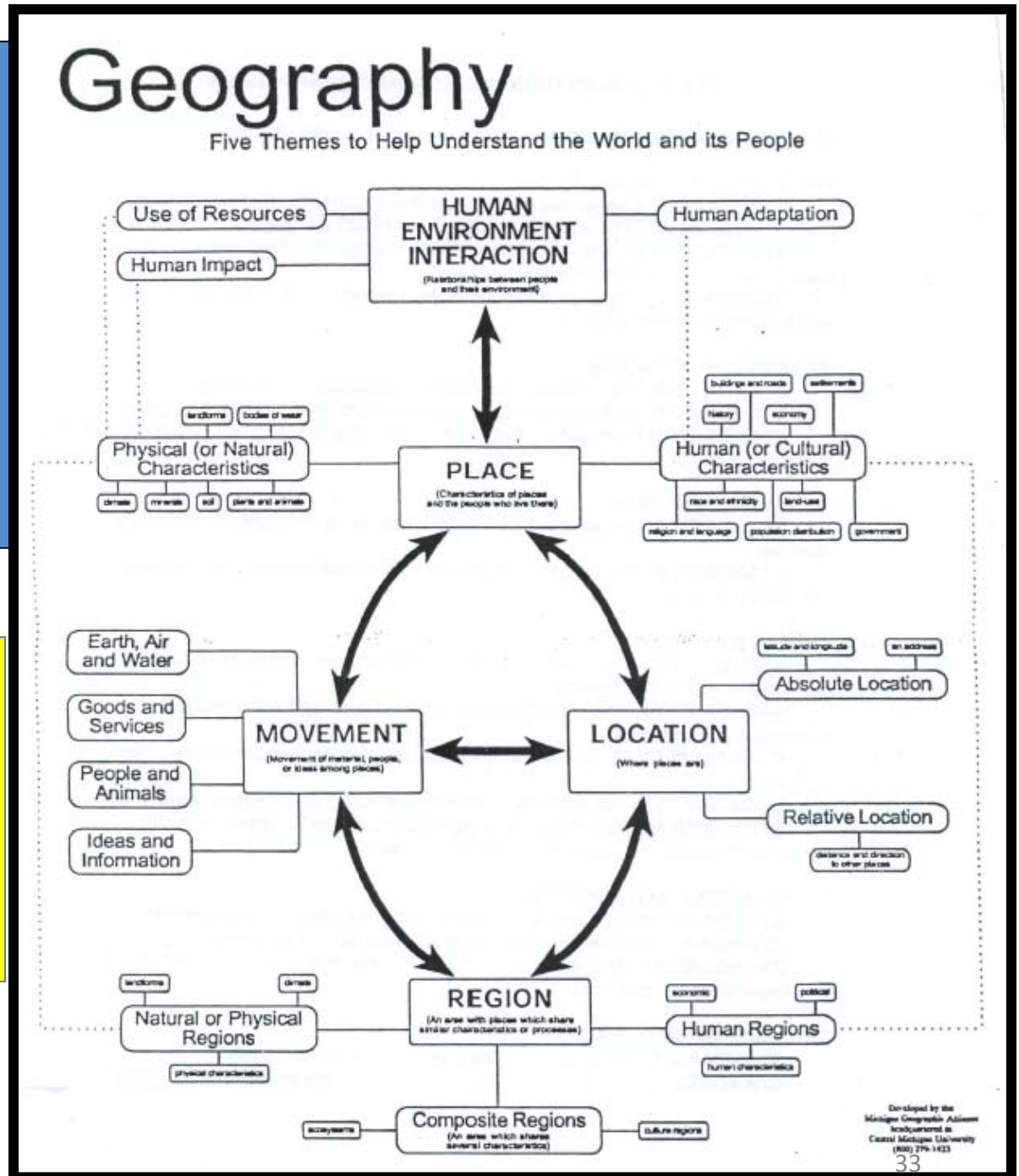
# Flow Diagram

## The Five Fundamental Themes of Geography

Source: Michigan Geographic Alliance

This handout is available on the course homepage for viewing and printing.

Keep it handy throughout the semester.



**N E X T**

# **History of Geography**