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ENVR/GEOG/GEOS 2302

# The Global Environment

May 24<sup>th</sup>, 2021

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# Instructor: Lasya Venigalla

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Email: [Lasya.Venigalla@UTDallas.edu](mailto:Lasya.Venigalla@UTDallas.edu)

Office hours : Wednesdays 1:00 to 3:00 PM or by appointment  
via MS Teams

Research Interests: Remote Sensing and Machine Learning

# Teaching Assistant: Yalin Yang

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Email: [yxy180050@utdallas.edu](mailto:yxy180050@utdallas.edu)

Office hours: Friday 2:00 – 4:00 P.M. or by appointment

# Student Self Introduction

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## Self Introduction

- Name
- Major, program and/or organization
- Research interests and working experiences
- Aim and expectation for this class
- Suggestions and special requests

Virtual/Remote class: Monday and Wednesday 10:00 AM – 12:15 PM

# Course Description

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The class is an introduction to the physical aspects of the world's geography, emphasizing the major systems within the natural environment: climate; vegetation; soils; hydrology (water); and landforms.

We will examine the processes and environmental interactions that allowed for these systems to be shaped within the atmosphere, biosphere, lithosphere and hydrosphere.

The distribution of natural features around the earth and explanations for why and where these features are found will be addressed.

# Textbook

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## Required texts:

1. Hess, D. & Tasa, D.G. 2014. **McKnight's Physical Geography: A Landscape Appreciation**, 11<sup>th</sup> Edition, Pearson (any edition after the 9<sup>th</sup> should work).

## Recommended texts:

1. Hammond. 2001. **Odyssey World Atlas, ANY WORLD ATLAS or Google Earth**.
2. Christopherson, R. W. 2009. **Geosystems: An Introduction to Physical Geography**.
3. Ritter, M. E. 2011. **The Physical Environment: an Introduction to Physical Geography**.

# Exercise, Quizzes, Blogs and Exams

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## Exercises

- One every week (mostly Wednesday)
- To be submitted before the beginning of the class next week

## Quizzes

- At the end of class
- Multiple choice and Single word answers

## Blogs

- 5 blogs throughout the semester

## Exams

- Three exams throughout the semester
- Not cumulative

# Research Project

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Each student will be required to put together an ESRI story map on a geographical process that they find interesting.

This is a larger format of the World Around Us blogs.

More information and tutorials will be posted within the first two weeks of the class.



# Grading Policy

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Exams (3 @ 15 % each)	45 <sup>0</sup> %
WAU Blog entries	5 <sup>0</sup> %
Research Project	20 %
Exercises	20 %
Attendance	
Check-ins/ Lecture Quizzes	10 <sup>0</sup> %

Letter grades: A+ > 95; A = 93-95; A- = 90-92; B+ = 87-89; B = 83-86; B- = 80-82; C+ = 77-79; C = 73-76; C- = 70-72; D+ = 67-69; D = 63-66; D- = 60-62; F = <59