



LEGAL EDUCATION BOARD

in partnership with



Developing Environmental  
Law Champions  
Strengthening the Capacity For Environmental and  
Climate Change Laws in Asia and the Pacific



# Environmental Law Teachers Online Training Program

6 October 2021

9:47 AM to 10:02 AM

I.T. support for Teaching  
Natural Resources and  
Environmental Law Online



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*Teaches Natural Resources & Environmental Law at*

CEU School of Law and Jurisprudence

De La Salle University College of Law

# Shifting to Online Teaching [Distance Learning]



Asynchronous

Face-to-Face

**blended learning**

Synchronous



Teacher

Students

**COMMUNICATION**



**i.t.**



# Learning Management System (LMS)

- Makes it EASY or DIFFICULT to teach online



Google Classroom





	<b>CANVAS</b>	<b>Google Classroom</b>	<b>Moodle</b>
Class list	<b>Automatically</b> inserted by the IT/Registrar.	<b>Enter</b> student email addresses to People and <b>invite</b> ; Student has to accept to join.	<b>Enter</b> student email addresses to <b>enrol</b> them as Users.
<b>Video conference</b>	<b>Big Blue Button or Zoom</b>	<b>Google Meet</b>	<b>None</b>
Assignments, Quiz, Exam	Organized under topics you created and in student files	Organized under topics you created and in student files	Organized under topics you created; check overrides
<b>Individual assignments</b>	Unselect everyone, type student name	Unselect all, then click student's name box	<b>Not available</b>
Grading	Grade according to instructions and save.	Grade according to instructions, save, and return.	Open item, find student's name, click grade. Repeat instructions, Save

# New Responsibilities and Challenges

## Internal

- Creating lecture slides
- Power point presentations
- Video lectures
- Recordings



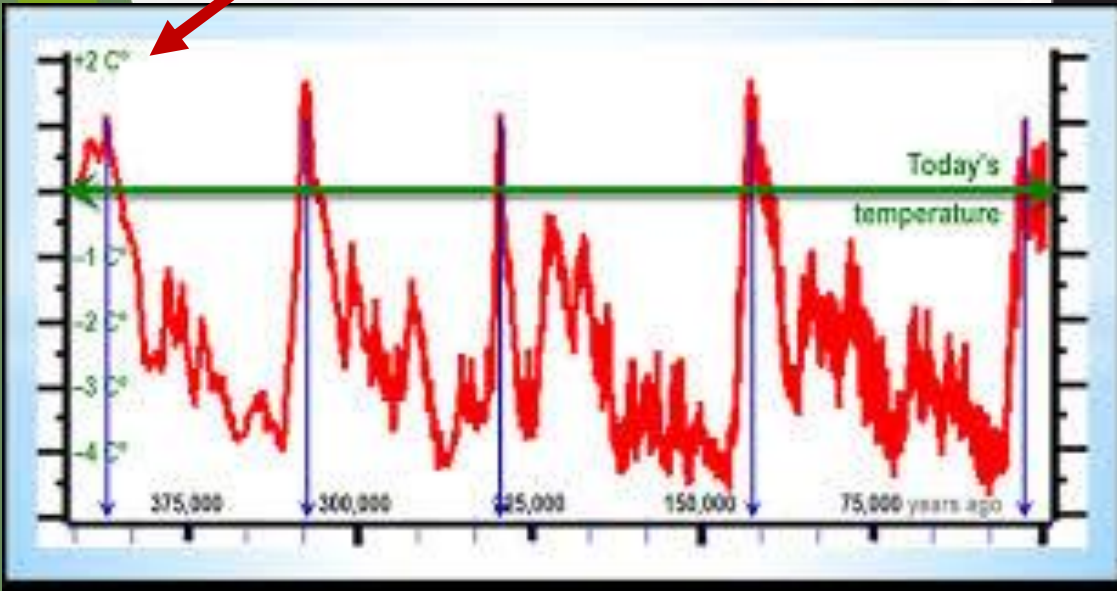
# Creating Lecture Slides

The Paris Agreement requires all Parties to put forward their best efforts through nationally determined contributions (NDCs) and to strengthen these efforts in the years ahead. This includes requirements that all Parties report regularly on their emissions and on their implementation efforts. Central aim is to strengthen the global response to the threat of climate change by keeping a global temperature rise this century well below 2 degrees Celsius above pre-industrial levels and to pursue efforts to limit the temperature increased even further to 1.5 degrees Celsius.

Climate Change refers to a change in climate that can be identified by changes in the mean and/or variability of its properties and that persists for an extended period typically decades or longer, whether due to natural variability or as a result of human activity. – *Climate Change Act of 2009, R.A. 9729, section 3, (e)*

# Paris Agreement, Climate Change and Global Warming

2°C



## Global warming: Causes and effects

Earth's temperature has risen about 1 degree Fahrenheit in the last century. The past 50 years of warming has been attributed to human activity.

Burning fuels such as coal, natural gas and oil produces greenhouse gases in excessive amounts.

Greenhouse gases are emissions that rise into the atmosphere and trap the sun's energy, keeping heat from escaping.

The United States was responsible for 20 percent of the global greenhouse gases emitted in 1997.

Most of the world's emissions are attributed to the United States' large-scale use of fuels in vehicles and factories.

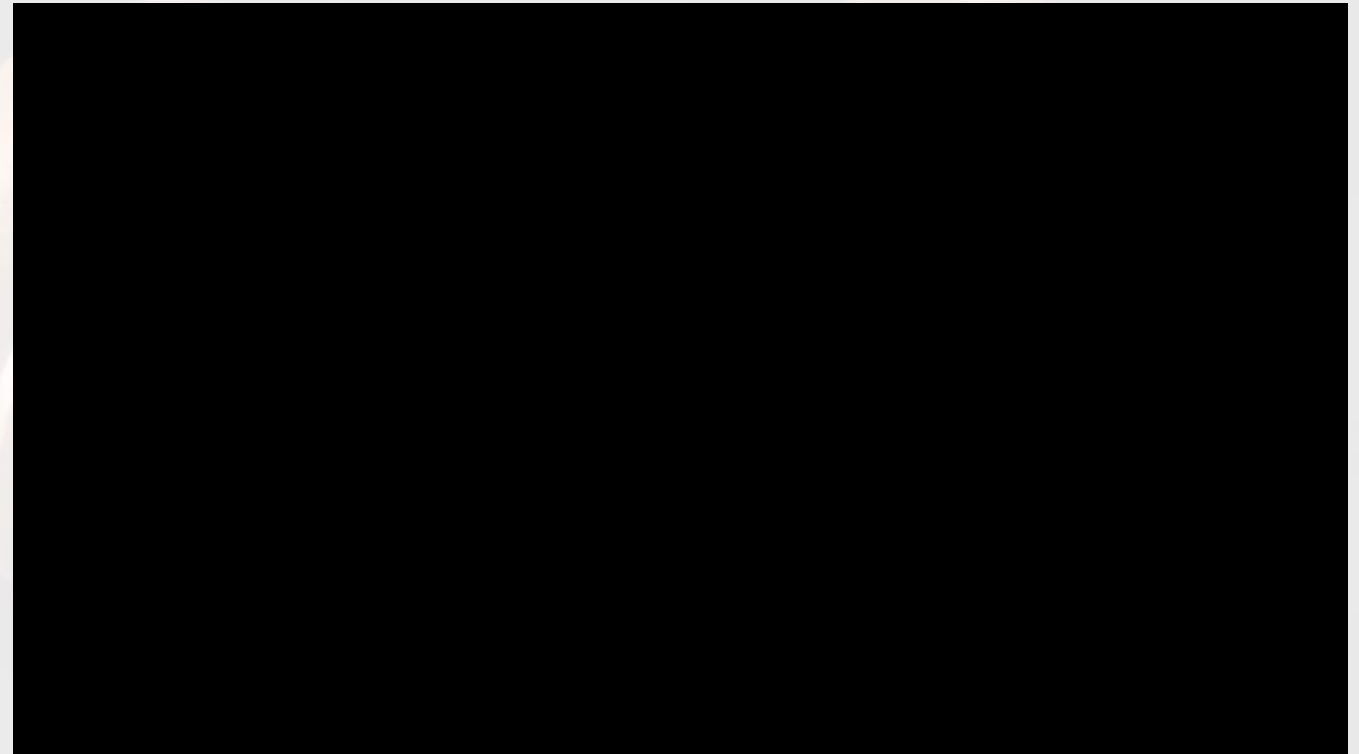
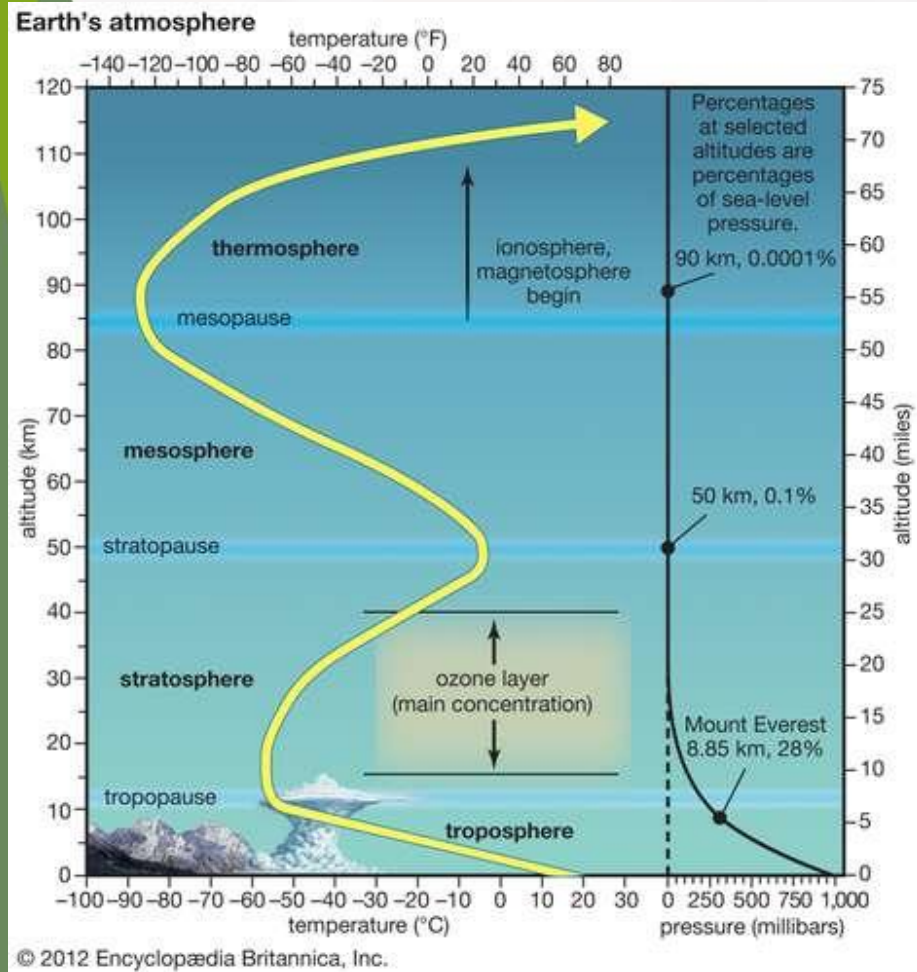
During the past 100 years global sea levels have risen 4 to 8 inches.

Some predictions for local changes include increasingly hot summers and intense thunderstorms.



Damaging storms, droughts and related weather phenomena cause an increase in economic and health problems. Warmer weather provides breeding grounds for insects such as malaria-carrying mosquitoes.

# Infographics and short video clips: greenhouse gases and ozone hole





# Arigo v Swift: US naval minesweeper in Tubbataha Reef

## Bishop Cenzon v Hon. Aliping

### *illustrating Case Analysis*



W/K ?



EPO?  
ECC?



# Using Assignments to require students to type in IMPORTANT TEXT as file submissions before class

# Using Rubrics to grade student outputs

AY2122 1st Sem, College

Home  
Announcements  
**Assignments**  
Discussions  
Grades  
People  
Pages  
Files  
Syllabus  
Outcomes  
Rubrics  
Quizzes  
Modules  
BigBlueButton (Formerly Conferences)  
Collaborations  
Chat

## Lesson 3 Judicial Affidavits

Publish Edit

What are the contents of a judicial affidavit?

Points 5  
Submitting a text entry box

Due	For	Available from	Until
Sep 14 at 5:30pm	Everyone	Sep 5 at 12am	Sep 14 at 11:59pm

Lesson answers

Criteria	Ratings			Pts
Correct and complete answers the question directly	5 pts Full Marks correct and complete, if list is required	3 pts incomplete correct answer but incomplete, if list is required	0 pts Wrong or No answer	5 pts

Total Points: 5

### IRAC for slides & digest

Criteria	Ratings				Pts
IRAC format ISSUE - RULES/laws/jurisprudence - ANALYSIS of facts and arguments - CONCLUSION/resolution/ratio decidendi/dispositive portion	2 pts Full Marks IRAC format used	0 pts No Marks			2 pts
ISSUE Legal dispute: why did the complainant sue the respondent? what rights were allegedly violated or ignored?	3 pts Full Marks Relevant issue to topic for class discussion	1 pts irrelevant but main issue identified main issue in the case but missed the issue that is relevant to the topic for class discussion		0 pts No Marks	3 pts
RULES/LAWS/JURISPRUDENCE Rules, laws, cited cases are listed and briefly described	1 pts Full Marks list complete and described	0.5 pts incomplete rules list is incomplete or rules are not briefly described		0 pts No Marks	1 pts
ANALYSIS of Facts in Slides Material facts described in chronological sequence	2 pts Full Marks complete material facts	1 pts incomplete facts in slides missed material fact/s		0 pts No Marks	2 pts
ANALYSIS of Arguments in slides Arguments and counter-arguments in a table	2 pts Full Marks Used table to match or compare arguments and counter-arguments	1 pts no Table did not compare or match arguments and counter-arguments	0.5 pts missed or incomplete arguments missed main argument or counter-argument		0 pts No Marks 2 pts

# New Responsibilities and Challenges



## External

- Internet connectivity
- Personal computer capacity
- I.T. support from school



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**i.t.**

# I.T. support from School & LMS

- Removes I.T. pressure so that the Teacher can focus on teaching
- Choosing the “teacher-friendly” Learning Management System

Students enrolled by  
I.T. unit/registrar

Students interact and submit  
output in the same LMS

LMS stores files and  
provides easy access

LMS checks attendance;  
monitors Student performance

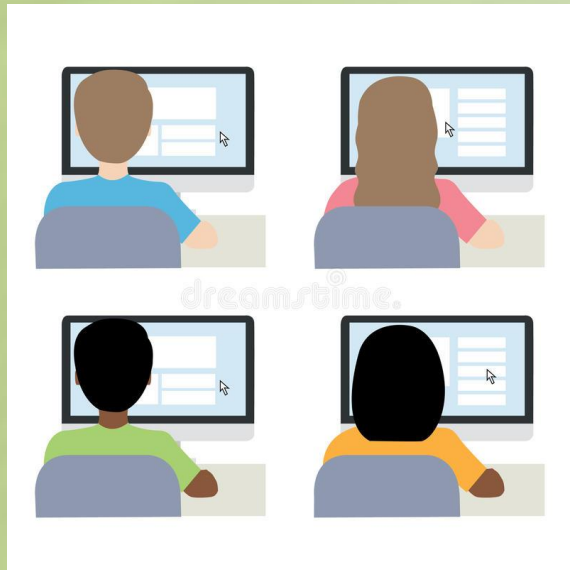
LMS has virtual meeting room  
with recording

LMS has automatic  
grading facility

LMS has grade weight  
categories to  
compute Final Grades



I.T. Unit in School available 8 hours on weekdays/shifts; also on weekends



*Thank you*