

ESM 240
CLIMATE CHANGE BIOLOGY
2017

Course Text: *Climate Change Biology* second edition: [frog cover] (Hannah – Academic Press)

Format: Group discussion and problem-solving

Grading: 40% class participation 60% class paper (No final, no midterm)

Note: it is very important to complete the readings before the class session for which they are assigned

October 31

What is climate change biology?

Reading: Chapters 1-3, 6

November 2

Defining the challenges of climate change biology

Reading: Chapters 7-9

November 7

Challenge solution number one

Class presentation and discussion

Reading: Chapters 10-12

November 9

Challenge solution number two

Class presentation and discussion

Reading: Chapters 5, 13

November 14

Challenge solution number three

Class presentation and discussion

Readings: Chapters 14-16, 20

Note no class November 16

November 21

Challenge solution number four

Class presentation and discussion

Reading: Chapters 18, 19

November 23 No class -- Thanksgiving

November 28

Challenge solution number five
Class presentation and discussion
Draft class paper due

November 30

Review of challenges and solutions

December 1 10:00-11:15 (NOTE SPECIAL CLASS DATE AND TIME)

Climate change policy: What in the world is going on?
(And how does climate change biology fit in)
Readings: Chapter 17
Draft class paper returned

December 1, 4:00-5:15 makeup session, time and place TBD

December 4

Final class paper due
