

Unsettled? A book by Steven E. Koonin
Course: IDH2930 Section: 3132, Class# 31027
Thursday's 7th Period, 1:55 – 2:45 PM
Location: Hume 0119
Academic Term: Spring 2022

Instructor:

Name: James A Trainham

Email Address: jtrainham@ufl.edu

Office Phone Number: 352-392-0826

Office Hours: Tuesday 11 AM – 12 PM, MAE-A 318

Teaching Assistants:

None

Course Description

Steven Koonin is the former Undersecretary for Science, U.S. Dept. Energy, under President Obama. Some of our politicians and scientists would have you believe that climate science is "settled," so they can drive new policy. Steve Koonin describes what climate science tells us and what it doesn't. The implications are that the science of climate change is insufficient and "Unsettled" to make drastic changes in policy. In an era of science-based hyperbole to support political agendas "Unsettled" is written to begin the process to bring back integrity to climate science. Koonin also provides his perspective on strategies we might pursue to deal with climate change based on what the science tells us. The students will gain an overview of climate science (the book is well annotated) and expand their capabilities to discern data driven science from science that is manipulated to achieve an outcome.

Credit hours: 1

Course Pre-Requisites / Co-Requisites

No course pre-requisites, but basic understanding of physics will be helpful.

Course Objectives

Students will learn to question but verify the underlying science that support public statements or data presented on climate change. Students will also be asked to suggest what their plan of action would be to deal with climate change.

Materials and Supply Fees

None

Required Textbooks and Software

- Title: Unsettled?
- Author: Steven E. Koonin
- Publication date and edition: 2021, First Edition
- ISBN number: 9781953295248

Recommended Materials

- Title: Climate Change 2021: The Physical Science Basis
- Author: IPCC Panel
- Publication date and edition: 2021 and AR6

Unsettled? A book by Steven E. Koonin

Course: IDH2930 Section: 3132, Class# 31027

Instructor: James A. Trainham

Term: Spring 2022

- Internet address: <https://www.ipcc.ch/assessment-report/ar6>

Course Schedule

Week 1:	Course Introduction, Reading Discussion/Leadership Assignments; Jan. 6
Week 2:	Pages 1-16 Introduction; Jan. 13
Week 3:	Pages 16-37; Jan 20
Week 4:	Pages 37-59; Jan. 27
Week 5:	Pages 61-75; Feb. 3
Week 6:	Pages 77-96; Feb. 10
Week 7:	Pages 97-110; Feb. 17
Week 8:	Pages 111-126; Feb. 24
Week 9:	Pages 127-147; Mar. 3
Week 10:	Pages 149-166; Mar. 10
Week 11:	Pages 167-183; Mar.17
Week 12:	Pages 185-205; Mar. 24
Week 13:	Pages 207-224; Mar. 31
Week 14:	Pages 225-256; Apr. 7
Week 15:	Discussion: Book Review and Climate Plan; Apr. 14
Week 16:	Term Paper Due Apr. 21; Classes End Apr. 20

Attendance Policy, Class Expectations, and Make-Up Policy

Attendance is required and will be monitored by turning in written 3 key points of assigned reading. Absence can be made up by turning in a written summary of reading that week at the next class.

Evaluation of Grades

Assignment	Total Points	Percentage of Final Grade
Reading Summary/ Discussion Leadership	25	25%
Class Participation (Identify 3 key points from reading)	25	25%
Book Review or Climate Plan Paper 2 pages minimum, 4 pages maximum, font Cambria, 12 pt.	50	50%
		100%

Grading Policy

The following is given as an example only.

Percent	Grade	Grade Points
90.0 - 100.0	A	4.00

Unsettled? A book by Steven E. Koonin

Course: IDH2930 Section: 3132, Class# 31027
 Instructor: James A. Trainham
 Term: Spring 2022

Percent	Grade	Grade Points
87.0 - 89.9	A-	3.67
84.0 - 86.9	B+	3.33
81.0 - 83.9	B	3.00
78.0 - 80.9	B-	2.67
75.0 - 79.9	C+	2.33
72.0 - 74.9	C	2.00
69.0 - 71.9	C-	1.67
66.0 - 68.9	D+	1.33
63.0 - 65.9	D	1.00
60.0 - 62.9	D-	0.67
0 - 59.9	E	0.00

Students Requiring Accommodations

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the [Disability Resource Center](#). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Course Evaluation

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. [Click here for guidance on how to give feedback in a professional and respectful manner](#). Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via ufl.bluera.com/ufl/. [Summaries of course evaluation results are available to students here](#).

University Honesty Policy

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” [The Honor Code](#) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Software Use

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Student Privacy

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see the [Notification to Students of FERPA Rights](#).

Campus Resources:

Health and Wellness

U Matter, We Care:

Unsettled? A book by Steven E. Koonin

Course: IDH2930 Section: 3132, Class# 31027

Instructor: James A. Trainham

Term: Spring 2022

If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575 so that a team member can reach out to the student.

Counseling and Wellness Center: counseling.ufl.edu/cwc, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS)
Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or police.ufl.edu.

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling.

Library Support, Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints Campus

On-Line Students Complaints

Unsettled? A book by Steven E. Koonin

Course: IDH2930 Section: 3132, Class# 31027

Instructor: James A. Trainham

Term: Spring 2022