

Sedimentology Home

R3, Seminar Room



Welcome to the Sedimentology course pages. The slides, class notes and assignments are largely by Prof. Angelo Rossi. I am very grateful for his permission to use them

2019 - Sedimentary Geology - CO10-210203 -

General Information

Credits: 2.50

Official Course Description:

In this course the students will be made familiar with the basics concepts of sedimentary geology and stratigraphy. Focus will also be on the identification and recognition of sedimentary features and on an understanding of modern and ancient depositional processes and environments.

Reading Material

1. Introducing Sedimentology, Stuart J. Jones and Stuart J. Jones (2014). [ONLINE HERE \(please use your campusnet login and password to access\)](#)
2. Reference Material - [Sedimentology and Stratigraphy](#), 2nd Edition. G. Nichols. Wiley-Blackwell (2009). ISBN: 978-1-4051-3592-4 [Even in eBook format - Access here -](#)

Grading & Submission

%	Component
10%	Participation
45%	Assignments
45%	Final Exam

Deadline (all assignments): 12:30 Tuesday 10th December 2019*

- Delay in submission up to 1 week = 50% reduction of assignment grade
- Delay in submission more than 1 week = 100% deduction of assignment grade

Submit:

1. Paper or printed copies to: Erica or Britta (Team Assistant R3) or Vikram (in this order)
2. Digital copies to: Vikram

Both paper and digital copies are needed for the final submission (and grading).

Attachments

#	Date	From	To	Room	Topic	Slides, Readings, Assignments	Comments
1	Tue, 22. Oct. 2019	11:15	12:30	R.3-50 Seminar	Sedimentology Intro & Earth History 1		
2	Th, 24. Oct. 2019	11:15	12:30	R.3-50 Seminar	Michael Bau - Igneous / Metamorphics		
3	Tue, 29. Oct. 2019	11:15	12:30	R.3-50 Seminar	Sedimentary Rocks, Processes 1	Chapter 1 - Introduction & Chapter 6	
4	Tue, 5. Nov. 2019	11:15	12:30	R.3-50 Seminar	Sedimentary Rocks, Processes 2	Chapter 2 - Sediments Rocks	
5	Th, 7. Nov. 2019	11:15	12:30	R.3-50 Seminar	Structures	Chapter 3 - Sedimentary Structures	
6	Tue, 12. Nov. 2019	11:15	12:30	R.3-50 Seminar	Sedimentary Environments: Fluvial, Aeolian and Glacial	Chapter 4 - Environments	
7	Th, 14. Nov. 2019	11:15	12:30	R.3-50 Seminar	Rock identification lab 1: Clastics		
8	Tue, 19. Nov. 2019	11:15	12:30	R.3-50 Seminar	Sedimentary Environments: Coastal	Chapter 5 - Fossils	
9	Th, 21. Nov. 2019	11:15	12:30	R.3-50 Seminar	Rock identification lab 2: Clastics	Chapter 4 - Environments	
10	Tue, 26. Nov. 2019	11:15	12:30	R.3-50 Seminar	Sedimentary Environments: Marine / Deep Sea		
11	Th, 28. Nov. 2019	11:15	12:30	R.3-50 Seminar	Rock identification lab 3: Marine		
12	Tue, 3. Dec. 2019	11:15	12:30	R.3-50 Seminar	Sedimentary Environments: Carbonates	Chapter 4 - Environments Carbonates-019.pptx	
13	Th, 5. Dec. 2019	11:15	12:30	R.3-50 Seminar	Rock identification lab 4: Carbonates		
14	Tue, 10. Dec. 2019	12:30	14:30	EH-3 Seminar	FINAL EXAM		Registrar Schedule
15	Mon, 27. Jan. 2020	17:00	19:00	EH-2 Seminar	Makeup FINAL EXAM		Registrar Schedule

Contact Details

Vikram Unnithan, v.unnithan@jacobs-university.de, Office: Room 98, R3

File	Modified 
PDF File Introducing_Sedimentology_----_(1_What_is_sedimentology_).pdf	Oct 29, 2019 by Unnithan, Vikram
PDF File Introducing_Sedimentology_----_(2_Sediment_to_sedimentary_rock).pdf	Oct 29, 2019 by Unnithan, Vikram
PDF File lecture1a-CO10-210203-2019.pdf	Oct 29, 2019 by Unnithan, Vikram
PDF File lecture1b-CO10-210203-2019_Earth_History.pdf	Oct 29, 2019 by Unnithan, Vikram
PDF File lecture-clastic-recognition.pdf	Nov 14, 2019 by Unn ithan, Vikram
PDF File HOMEWORK-1a-Sedimentology-clastics.pdf	Nov 14, 2019 by Unn ithan, Vikram
PDF File 703154main_earth_art-eboo-small.pdf	Nov 19, 2019 by Unn ithan, Vikram
PDF File lecture5-CO10-210203-carbonates.pdf	Nov 28, 2019 by Unn ithan, Vikram
PDF File lecture3-CO10-210203.pdf	Nov 28, 2019 by Unn ithan, Vikram
PDF File HOMEWORK-2-carbonate-chemical-recognition.pdf	Nov 28, 2019 by Unn ithan, Vikram
Microsoft Powerpoint Presentation Carbonates-019.pptx	Dec 03, 2019 by Luz zi, Erica

 [Download All](#)

Restricted Course Material. Please do not disseminate.

Page Access: [Rossi, Angelo Pio](#),