


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

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| 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 |

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