

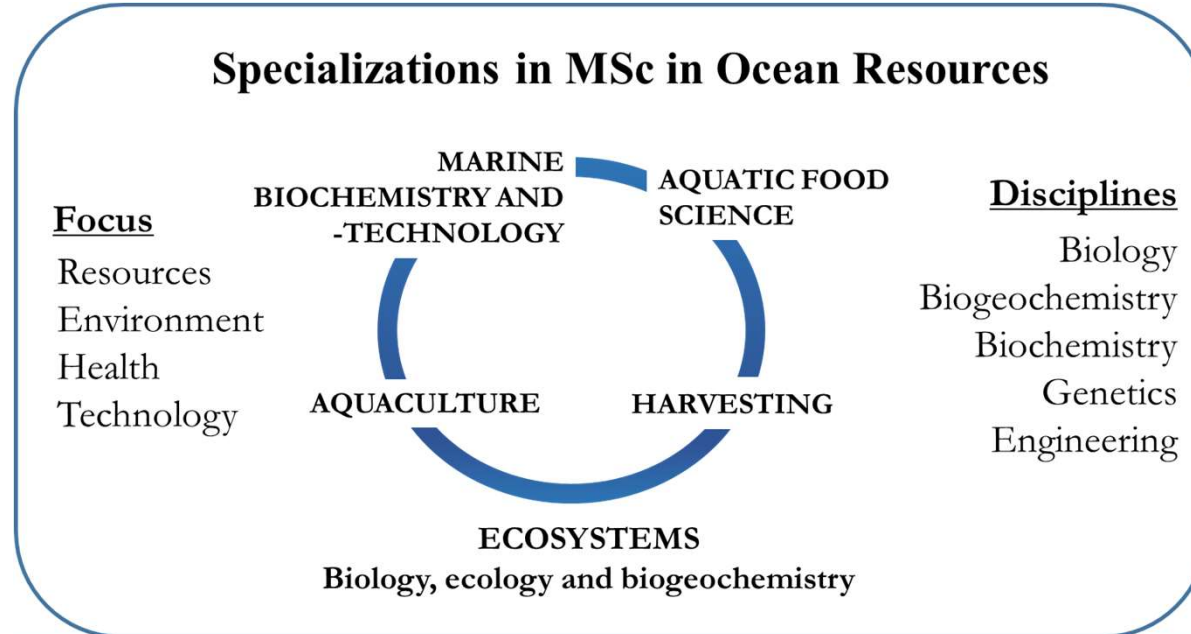
A microscopic image of a green alga, likely a diatom or a similar unicellular organism. The organism has a central, large, golden, spherical structure composed of many small cells, possibly a colony or a specialized cell. It is surrounded by long, thin, green, filamentous structures that extend outwards. The background is a dark, slightly blurred greenish-brown color.

ADVANTAGES AND OBSTACLES IN IMPLEMENTING DIGITAL EXAMS IN BIOLOGICAL OCEANOGRAPHY

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BI3061 Biological Oceanography

- Obligatory MSc course for all students within the MSc program Ocean Resources (MsOCEAN)



1st time
digital exam in
spring 2018

ca. 25-30 students per year + a few from outside MsOCEAN



ADVANTAGES for the censors:

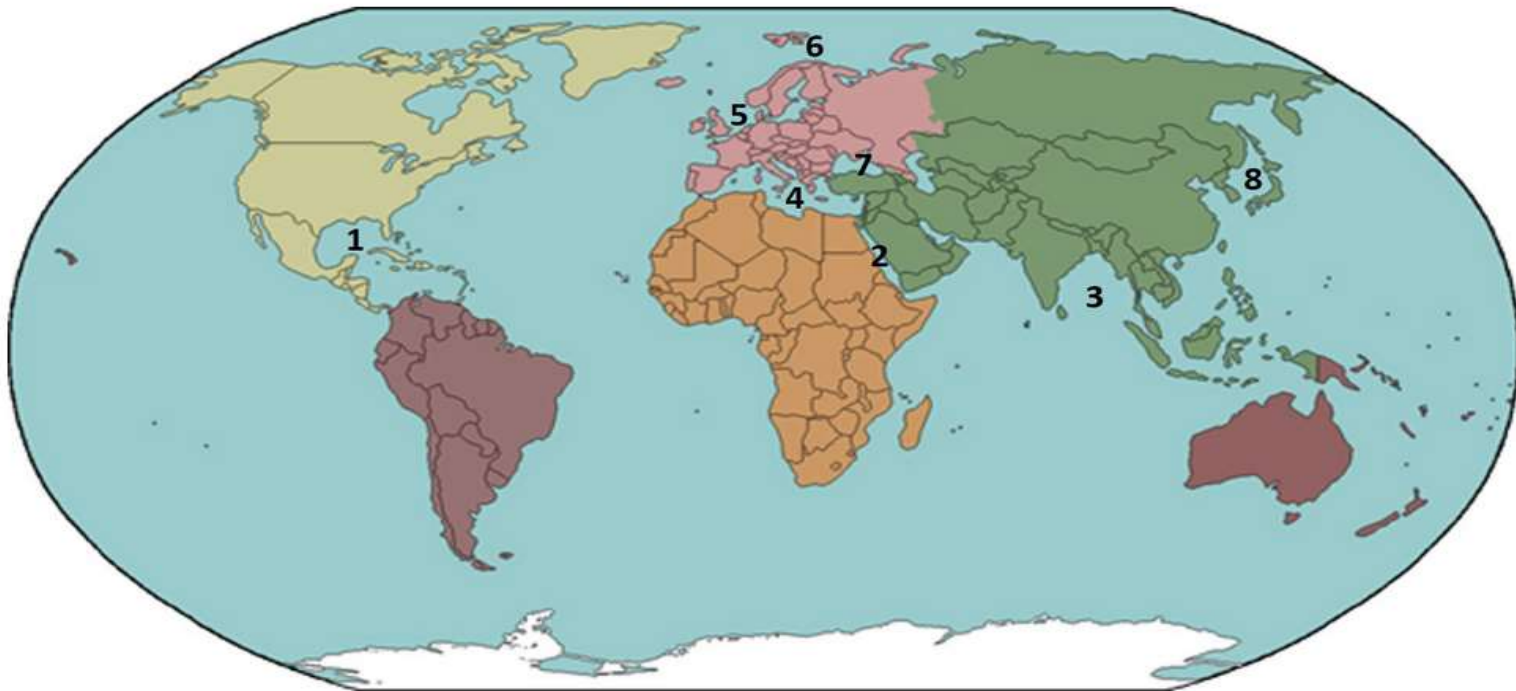
- Easy access to exam documents right after final examination
- Online access via Inspira enables censoring independent of location
- Censoring can be performed question by question (instead of censoring exam by exam)
- Student's answer can be limited to a specific number of words/characters
- Better readability: no problems with bad handwriting anymore
- Censoring by multiple censors in parallel
- Instantaneous calculation of individual grades/average grades



ADVANTAGES for students & censors:

- Students can layout the answers by choosing e.g. sub-headings, different font types, underline the text
- Students can get back to specific questions and revise the answers easily
- Better variation in question types and answers e.g. drag and drop options, attach graphs, drawing options, audio/video
- Combination of multiple choice and other question types possible

Ocean geography



Marginal seas are bodies of water that are more or less enclosed by land masses. Please name the eight marginal seas marked with numbers 1 to 8 in the attached graph.

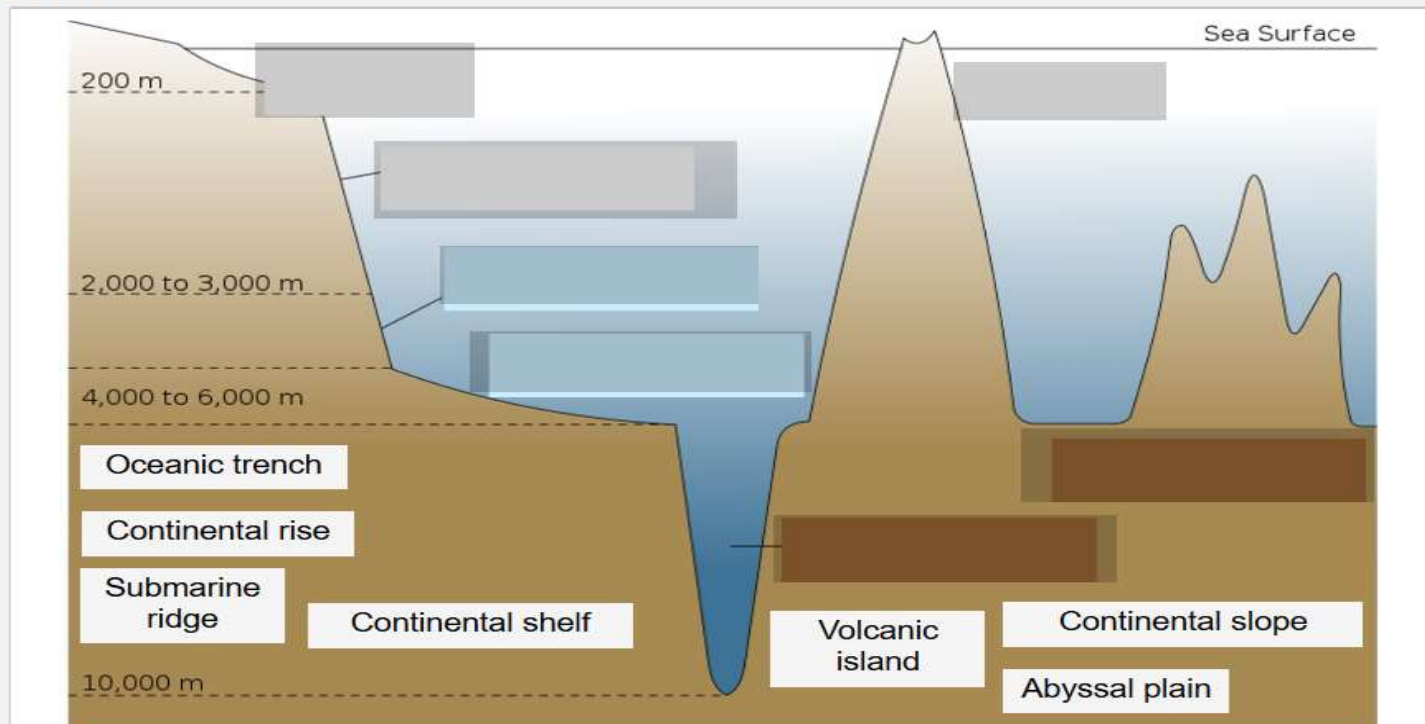
Skriv ditt svar her...

Ocean geography

Oceans show distinct topographic regions at different depth. Find for each of the seven drag elements the right drop element

Velg ett alternativ

 Hjelp





OBSTACLES for the censors:

- Time-consuming task to set-up the 1st digital exam in Inspira
 - it takes some routine to get familiar with Inspira
 - Inspira is not very user-friendly and intuitive
- Difficulties in finding the right way to deliver the exam to the exam office
- Administrative support and experience with Inspira was limited initially (mainly other, more experienced academics could help out)
- Difficulties to deliver grades in time due to problems with multiple censors

Resumée

- It needs quite some practice and trial & error to get familiar with INSPERA
BUT: keep patient and approach digital exam office and trained colleagues to provide guidance
- Overall: Digital exams are a useful tool and creating/censoring exams provides new opportunities
- INSPERA will hopefully be developed further so that it turns into a more user-friendly application that can be applied more intuitively