



**A cross-system view of the biological C cycle
in the Anthropocene.**

**Ramon Margalef Colloquia 2021
Guidelines for speakers, mentors and students.**

Before the on-line activities start:

The students, mentors and speakers will have available the recorded presentations of the speakers, a list of articles related to the different topics and the short (2 slides) presentations of the students on the website (<https://ramonmargalefcolloquia.com/my-dashboard/>). The Colloquia Secretariat will notify in advance to all of you how and when this information can be accessed.

The 24 students will be split in 3 groups of 8 students each:

- Group 1. Topic 1. Production
- Group 2. Topic 2. Decomposition
- Group 3. Topic 3. Sequestration

The online meeting will take place between the main room (all participants together) and split rooms available for each of the groups. The split rooms will be available all day except between 8:30-9:30 am (GMT+2).

Each group will organize and moderate the on-line discussion of its assigned topic, but all the groups will contribute to the discussion.



On-line activities:

Before each topic's discussion

Every day each group will meet in its split room to raise/discuss and write down the questions/points they want to bring for next day's discussion, with the support of their corresponding mentors. After this meeting all groups will have to upload a pdf file named Questions_topicX_groupX in the deliverables section of the website.

The following day each group will meet again in its split room to go over the different questions raised by the different groups before meeting the specialists of the topic of day. The group leading the discussion will gather all points raised by all groups and organize how to handle the discussion.

Discussion

Meeting in the main room with all participants and the speakers of the day's topic. The students of the group leading the discussion will introduce the questions to the speakers, but all students can participate in the discussion. A member of the group in charge of the discussion will moderate the session, paying attention to hand-raised signals and the comments/questions in the chat.

After each topic's discussion

Each group will meet in its split room to prepare a document summarizing the discussion with the specialist of the topic of the day, with the support of their corresponding mentors. The group in charge of the discussion will have to prepare a presentation (maximum 5 slides) with an extended analysis and the conclusions, which will be presented the last day of the meeting. The other groups will prepare a half page summary of the main conclusions. All groups will have to upload the material produced (Conclusions_topicX_group X.pdf) into the deliverables section of the website.



Final Report (last day of the meeting)

Each group will present the conclusions corresponding to their assigned topic (maximum 6 minutes and 5 slides). This will be followed by a general discussion considering cross-cutting issues between systems and topics. The final reports from the 3 groups will be uploaded onto the platform and will be available to all participants.

On-line day by day programme (GMT+2 time):

Monday October 4 (optional but highly recommended).

2:35 pm **Trial session** (main room within the classrooms tab of the platform)

- The course organizers will be on-line in the main room. They will explain briefly the guidelines and will answer questions arising.

Tuesday October 5.

2:00 pm **Welcome session** (main room, all students are present):

- Welcome
- Course objectives and Margalef's scientific legacy

2:35 pm **Instructions** by the organizers (main room, all students are present):

- Organization of the groups, platform guidelines and expected deliverables

3:15 pm **Introduction of the students** (main room)

- 3 minutes talks (two slides) about themselves and their line of research.

5:05 pm **Group's meetings supervised by course mentors to prepare topic 1 discussion** (split rooms).

- Deliverable: Questions_topic1_groupX.pdf file



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Wednesday October 6.

2:00 pm **Group's meetings supervised by course mentors to prepare topic 1 discussion** (split rooms).

- All groups do an overview of all the points raised in the Questions files. Group 1 organizes how to handle the discussion taking into account all points raised.

2:35 pm **Discussion Topic 1** (main room, all together).

4:15 pm **Group's meetings supervised by course mentors to prepare topic 1 discussion report** (split rooms).

- Deliverable: Conclusions_topic1_groupX.pdf file.

5:05 pm **Group's meetings supervised by course mentors to prepare topic 2 discussion** (split rooms).

- Deliverable: Questions_topic2_groupX.pdf file.

Thursday October 7.

2:00 pm **Group's meetings supervised by course mentors to prepare topic 2 discussion** (split rooms).

- All groups do an overview of all the points raised in the Questions files. Group 2 organizes how to handle the discussion taking into account all points raised.

2:35 pm **Discussion Topic 2** (main room, all together).

4:15 pm **Group's meetings supervised by course mentors to prepare topic 2 discussion report** (split rooms).

- Deliverable: Conclusions_topic2_groupX.pdf file.

5:05 pm **Group's meetings supervised by course mentors to prepare topic 3 discussion** (split rooms).

- Deliverable: Questions_topic3_groupX.pdf file.



Friday October 8.

2:00 pm **Group's meetings supervised by course mentors to prepare topic 3 discussion** (split rooms).

- All groups do an overview of all the points raised in the Questions files. Group 3 organizes how to handle the discussion taking into account all points raised.

2:35 pm **Discussion Topic 3** (main room, all together).

4:15 pm **Group's meetings supervised by course mentors to prepare topic 3 discussion report** (split rooms).

- Deliverable: Conclusions_topic3_groupX.pdf file.

5:05 pm **Final report** (main room).

6:00 pm **Goodbye party** (main room)