

GLOBE GROUP 2019/2020

Plan and Programme

Mihaela Marceljak Ilić, M.Sc.

16th September 2019.

Introducing to program and marine pollution campaign

Learning outcomes:

- Demonstrated how to initiate and plan a CAS experience

3rd October 2019.

Introduction to the cloud course challenge. which lasts for a month, starting 15th October and finishing 15th November and involves every day sampling

Learning outcomes:

- Demonstrated how to initiate and plan a CAS experience
- Demonstrated engagement with issues of global significance

10^{rTH} October

-Online education about clouds (1 periods + homework)

Learning outcomes:

- Demonstrated engagement with issues of global significance

15th October- 15-Novembre 2019.

Cloud challenge participation-every day 10 min of data sampling and using of cloud application.

Learning outcomes:

- Collaboration with NASA scientist in a purpose to help with satellite calibration
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Demonstrated the skills and recognised the benefits of working collaboratively

23rd October 2019 (Creativity- Globe Group)

1. Analysis of first data sampled by emails from NASA
2. Planning lecture for Matija Gubec primary school about marine pollution and how to prevent it.

Learning outcomes

- Showed commitment to and perseverance in a CAS experience
- Demonstrated how to initiate and plan a CAS experience
- Collaboration with scientist

30th October 2019 (Creativity- Globe Group)

1. Matija Gubec primary school presentation and workshop about marine pollution-
2. PMF -NASA scientist PETER FALCON lecture: „GLOBE program and connection with NASA satellites

Learning outcomes:

- Demonstrated the skills and recognised the benefits of working collaboratively
- Demonstrated engagement with issues of global significance
- Collaboration with scientist

7th November 2019 (Creativity- Globe Group)

Evaluation of cloud data II

Learning outcomes:

- Demonstrated the skills and recognised the benefits of working collaboratively
- Demonstrated engagement with issues of global significance

18th November 2019 (Creativity- Globe Group)

Evaluation and further plans development concern to cloud campaign

Learning outcomes:

- Showed commitment to and perseverance in a CAS experience

3rd December 2019 (Creativity- Globe Group)

PMF - lecture : prof.dr. Dirk Schaumlöffel (CNRS France) : „Elemental bio-imaging at the nano scale with Nano Secondary Mass Spectrometry (NanoSIMS) technique and applications

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Collaboration with scientist

12th December 2019 (Creativity- Globe group)

Design a workshop to raise awareness about acid rain : workshop will be part of Pre-school GLOBE curriculum which is in developing and for 25. annual and global GLOBE meeting in October 2020.

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community
- Collaboration with global community
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19th December 2019 (Creativity- Globe group)

Design activities for Christmas fare “ Green plastic Christmas tree “ and cookies on per plates .

Learning outcomes satisfied:

- Demonstrated engagement with issues of global significance
- Collaboration with local communities
- Increase awareness about importance of reuse and reduce plastic

21th December 2019 (Creativity- Globe group)

Christmas fare “ Green plastic Christmas tree “

- Increase awareness about importance of reuse and reduce plastic

23th January 2020 (Creativity- Globe group)

Evaluate – workshop preparation outcomes “ Acid rain”

Create cloud workshop

Phenology campaign introduction (*Betula pendula* L.observation, budburst and green up. Once a week. With Growapp application)

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community
- Collaboration with global community

6th February 2020 (Creativity- Globe group)

Testing pre-school workshops “ Acid rain “

Phenology campaign - (*Betula pendula* L. observation, budburst and green up. Once a week. With Growapp application)

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community

20th February 2020 (Creativity- Globe group)

Testing pre-school workshops “ Clouds”

Phenology campaign (*Betula pendula* Observation, budburst and green up. Once a week. With Growapp application)

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community
- Collaborate with scientists

12th Marth 2019 (Creativity- Globe group)

Designing and preparing workshops for **GLOBE - annual Zagreb region meeting**

Phenology campagna -analysis (*Betula pendula* L. observation, budburst and green up.)

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community
- Collaboration with global community

21th Marth 2020 (Creativity- Globe group)

GLOBE - annual Zagreb region meeting of GLOBE student participants and teachers

1. Lecture “ Why ants are important”
2. GLOBE data workshop -IKT
3. GLOBE orientation running training
4. Reuse of plastic bottles workshop

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community
- Collaboration with global community
- Increase health awareness

3th April 2019 (Creativity- Globe group)

Evaluation of GLOBE - annual Zagreb region meeting

Phenology campagna -analysis (*Betula pendula* L. observation, budburst and green up.)

Learning outcomes:

- Evaluate engagement with issues of global significance
- Evaluate that challenges have been undertaken, developing new skills in the process
- Evaluate Collaboration with local community

24th April 2019 (Creativity- Globe group)

Preparation of students for annual Croatian GLOBE competition

Phenology campagna -analysis (*Betula pendula* L. observation, budburst and green up.)

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community

15th may 2019 (Creativity- Globe group)

Designing and preparing workshops for **GLOBE - annual meeting and global meeting**

Phenology campagna -analysis (*Betula pendula* L. observation, budburst and green up.)

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community

22th may 2019 (Creativity- Globe group)

Designing and preparing workshops for **GLOBE - annual meeting and global meeting**

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community

5th June 2019 (Creativity- Globe group)

Designing and preparing workshops for **GLOBE - annual meeting and global meeting**

Learning outcomes:

- Demonstrated engagement with issues of global significance
- Demonstrated that challenges have been undertaken, developing new skills in the process
- Collaboration with local community

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