

**ENVIRONMENTAL RISK ASSESSMENT AND
MITIGATION ON CULTURAL HERITAGE
ASSETS IN CENTRAL ASIA
ERAMCA
ERASMUS+ CBHE PROJECT NR. 609574**



Deliverable D5.1

“Creation of a program of training for teachers and staff”

Date	Version	Author(s)
02.11.2021	Final	BUW

Table of Content

Table of Content	2
List of Figures.....	2
1. Introduction	3
2. Objectives and Learning Outcomes	3
3. Content Outline	4
4. Pedagogical Approach	5
5. Module Success Criteria	6
6. Concluding Remarks	6
7. Bibliography	6
Appendix A	7

List of Figures

Figure 1: Overview of Project	4
Figure 2: Eight attributes of Open Pedagogy (Bronwyn Hegarty 2015).....	5

1. Introduction

The deliverable entitled “D5.1 Creation of a program of training for teachers and staff” is aimed at documenting the proposed training program and current relevant pedagogy practices for the lecturers of cultural heritage, in the frame of an ERASMUS+ Capacity Building in the field of Higher Education grant with the reference number 609574-EPP-1-2019-1-IT-EPPKA2-CBHE-JP. The proposed training program will take place between the **14th – 18th of February 2022 at Bauhaus-Universität Weimar, Germany**. This report covers objectives and expected outcomes of the training for teachers and staff. It is developed in conjunction with the development Work Package D3.1 - D3.3 entitled “Definition description and taxonomy of a Master in Cultural Heritage Conservation in Central Asia” and D4.2 entitled “Development of practical trainings for each theoretical course”.

The main contents of deliverable D5.1 are documented under the following headings namely, objectives and learning outcomes, content outline, pedagogical approach, module success criteria and concluding remarks. Information regarding the presenters and participants are documented in D 5.2 & D5.3 titled “Selection of trainers and selection of teachers and staff”. The overall pedagogical approach (see Section 4) gives an outline of innovative learning approaches to be used in the master’s course which includes open educational resources.

2. Objectives and Learning Outcomes

This work package is focused on documenting the methodology for improving the capacity of partner institutions in Central Asia through a training program for both teachers, management, and technical staff. The main objectives of the training program are as follows:

- Presentation of training materials by the authors of Deliverable D4.1 “Development of a digital library about theoretical contents” and D4.2 “Development of practical trainings for each theoretical course”;
- Elaboration of pedagogical approaches;
- Presentations on further works and expected collaboration with partners.

By the end of the workshop the participants should have a detailed understanding of the course content and modalities of the pedagogical approach. There will also be shared experiences and discussions regarding the overall project framework and implementation.

The workshop will ensure that the impacted staff receive all relevant information for successful implementation of the master’s program. The implementation of the master program outlined in D3.1 - D3.3 will initially incorporate the participation of some lecturers from European partners, however, in the long term the collaboration will be based on sharing ideas and resources through online consultation.

3. Content Outline

The training plan is based on the training requirements gathered through virtual meetings and communications with partners. The agenda of the training program is given in Appendix A. The training course will focus on the elaboration of pedagogical approaches and delivery of course content developed for the “Master in Cultural Heritage Conservation in Central Asia”. The training programme is designed to strongly support the implementation of the master programme. Therefore, there will be parallel sessions organized by each disciplinary team, namely:

- Restoration
- Structures
- Seismic Engineering
- Geotechnics
- Hydrogeology and Geomatics

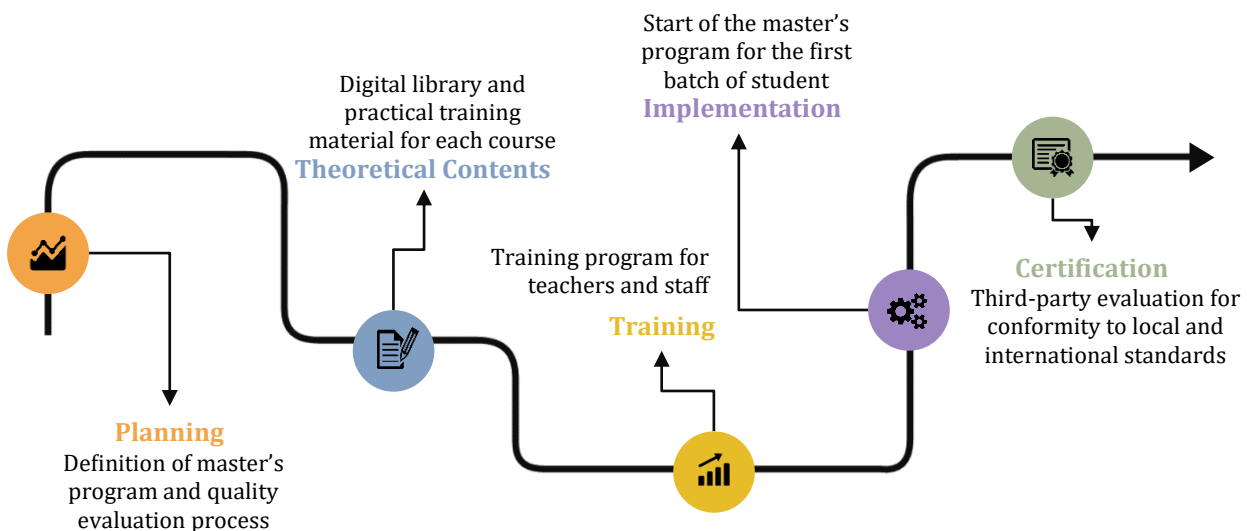


Figure 1: Overview of Project

Overall topics concerning the general structure and evaluation criteria of the master's program are to be discussed in part of the joint sessions. A general project overview is shown in Figure 1, where it can be seen that the training program should bridge the gap between the compilation of theoretical contents and the implementation of the master's program. Consequently, there will be the transfer of skills and content through collaboration to ensure that there is adequate preparation for the next phase of the project.

It is expected that during the implementation of the master's program, the theoretical content will continue to evolve to improve delivery. The improvement will be based on training needs assessment for students and curriculum management to keep the content relevant to current research and aid in meeting accreditation requirements.

4. Pedagogical Approach

A blended learning approach which combines online educational interaction with traditional classroom methods will be used and encouraged for the M.Sc. Course. This approach will provide a robust and reliable platform that can safeguard against obstacles that may occur as a result of COVID-19 or other circumstances. The participants will be encouraged to make use of peripatetic teaching and distant learning platforms in order to adapt to the best practices in academia and meet the changing needs of students. This will present a chance for further support by current partner universities.

The volume of open educational resources (OER) has expanded over the past two decades and transformed the teaching and learning environment and has contributed to the development of major revolutionary technology. Figure 2 shows the eight main attributes of open pedagogy which represents a new culture of learning that has occurred. This has been brought about by connected communities through the internet and digital technologies. Participants will be encouraged to be adaptive to stimulate innovation and creativity using these features.

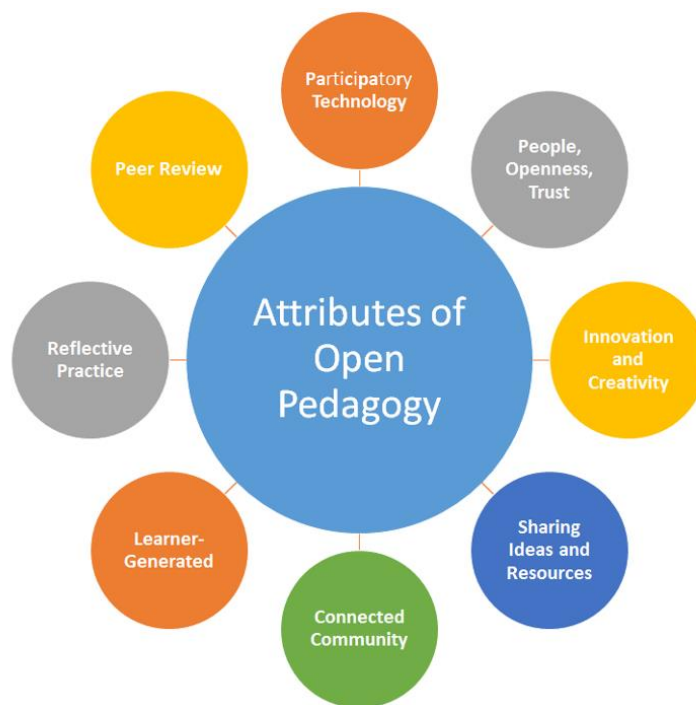


Figure 2: Eight attributes of Open Pedagogy (Bronwyn Hegarty 2015)

The training will include the use of reinforcement techniques to supplement lectures that present new concepts, terms and processes by using media didactics or demonstrations. There will also be presentations on student-centred project-based learning to address real world problems. The project also aims to inspire the development of an international classroom environment to overcome language barriers and academic cultural differences in order to prepare students for the global labour market. The training program will additionally provide a suitable foundation for future cooperation between partner institution.

5. Module Success Criteria

The success of the training program will be based on feedback from the participants. Although the participants are responsible for covering the participants' expectations, it is noted that the organizers are responsible to provide clear and defined objectives. The evaluation will be done at the end of the workshop. There will be questionnaires to get feedback from the participants using a standard assessment sheet. This will include the assessment of the presenters, perception of the organization and audio-visual tools used. The training material will be delivered to the participants and stored in the online database.

6. Concluding Remarks

The training program is developed and delivered in collaboration with project partners, including the associated learning objectives, pedagogical approach and delivery methods. An overview of the training outcomes will be given in "D5.5 Success of training and lessons learned".

7. Bibliography

Bronwyn Hegarty (2015) Attributes of Open Pedagogy: A Model for Using Open Educational Resources.
In : Educational Technology, vol. 4.

The Accreditation of Higher Education Programmes. UK Standard for Professional Engineering Competence. Third edition. Engineering Council. 2014.

ERASMUS+ KA2– Cooperation for innovation and the exchange of good practices – Capacity Building in the field of Higher Education. Application Form. Call for Proposals 2019 - EAC/A03/2018. Environmental Risk Assessment and Mitigation on Cultural Heritage assets in Central Asia / ERAMCA. Detailed description of the project.

Erasmus+ project card [Internet]. Erasmus+ - European Commission. 2020 [Accessed: 25 June 2021]. Available at: <https://ec.europa.eu/programmes/erasmus-plus/projects/eplus-project-details/#project/609574->

ERAMCA project main web-site [Internet]. Eramca.com. 2020 [Accessed: 25 June 2021]. Available at: <https://www.eramca.com/>

Appendix A

Time Schedule

Draft - 22/10/2021

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	Feb 14 th	Feb 15 th	Feb 16 th	Feb 17 th	Feb 18 th	Feb 19 th
09:00 - 10:30	Opening Session & M.Sc. Course General requirements	Disciplinary Teams Seminar	Laboratory Tour (Experimental Facility, Bauhaus)	Disciplinary Teams Seminar	Disciplinary Teams Seminar	Departure
	...		Coudraystr. 11	See Individual Time Schedule	Lecture Hall D, Marienstr. 13C	
11:00 - 12:30	Disciplinary Teams Seminar	Disciplinary Teams Seminar	Disciplinary Teams Seminar	Disciplinary Teams Seminar	Disciplinary Teams Seminar	
	See Individual Time Schedule	See Individual Time Schedule	See Individual Time Schedule	See Individual Time Schedule	See Individual Time Schedule	
Lunch						
13:30 - 15:00	Disciplinary Teams Seminar	Disciplinary Teams Roundtable Exercises	Disciplinary Teams Seminar	Disciplinary Teams Roundtable Exercises	Disciplinary Teams Seminar	Departure
				See Individual Time Schedule	See Individual Time Schedule	
15:30 - 17:00	See Individual Time Schedule	See Individual Time Schedule	See Individual Time Schedule	Evaluation Criteria and Project and M.Sc Thesis Requirements Seminar	Joint Session - Feedback future collaboration/support open discussion	
	See Individual Time Schedule	See Individual Time Schedule	See Individual Time Schedule	See Individual Time Schedule	See Individual Time Schedule	
	ICEBREAKER BBQ 19:00 - ...			WEIMAR CITY TOUR 19:00 - 21:00	FAREWELL PARTY 19:00 - ...	
	