

THE BIG HOLES EXODUS | FINAL PRESENTATION:

EXPLORING AI ENVIRONMENTAL DESIGN SEMINAR

A critical Architectural Investigation Upon Eco Disaster& Digital Dreams

SECOND MODULE (6 CFU)

The material for the acquisition of credits for the second module of the seminar consists of a Booklet and the production of a Video.

BOOKLET

The booklet is intended to illustrate the design experience and its outcome.

Title: XXXXXX (the chosen name)

Subtitle: A POST-ENVIRONMENTAL OPEN PIT MEMORIAL

The booklet must be structured as follows:

- Introduction containing the Philosophical Design Statement
- Description of the main character and its places
- Story Board
- Report on the generative process

For the contents of each chapter refer to the explanations contained in the *Assignment* section of the web page (https://mailab.biz/vortex_) and in any case they must be drawn up by extracting from the previous exercises the most significant parts and those coherent with the development of the project.

For the last chapter relating to the description of the generative process, we mean the discussion of the software used by analyzing strengths, problems encountered, solutions, comparison between the different tools and techniques used such as the different results obtained by modifying the prompts, the initial images and in any case any other procedure worthy of attention.

In short, this part should conform to a sort of report of the research process that can act as a guide for future users who intend to use these tools, therefore with advice and recommendations for use.

The Booklet must be paginated and printed in a format with a maximum size not exceeding the UNI A4 vertical format. The editorial and graphic design of the booklet is up to you but for a reference and editorial standards the format at the LINK indicated below can be used

https://www.mailab.biz/wp-content/uploads/ASSIGNMENT%20GUIDE/R-SMALL_FORMATO%20E%20NORME_EDITORIALI.zip

● **VIDEO**

It is required to make a fully generated video with use of Artificial Intelligence and post production software of length between 90 seconds 3 minutes approximately.

COPIES

to be delivered in the following four copies:

Master

- 4k without subtitling
- 4K with subtitling

*To create the final video in 4K, it is necessary to use specific software such as Topaz Ai or specific enhancement (upscaling) processes that are now available in all AI video generation software. This increase in resolution will have to be applied once the video is finished as the last step of production. Keep in mind that while in Topaz the process can be carried out on video files, other tools present in AI video generation software require .jpg or .png image sequences as input. Therefore, once the video is finished, it is necessary to export it as an image sequence rather than as a video file. This possibility is available in every non-linear video editing program

Distribution

- 4K compressed for Youtube/Vimeo without subtitle
- 4K compressed for Youtube/Vimeo with subtitles

FORMAT & FRAME RATE

.mov or .mpeg4 extension.

Frame rate of your choice 24, 30, 60 fps taking into account the characteristics of each setting as explained in the *Deep Frames* seminar manual ([see](#))

VIDEO HEADER

If there is no particular need to have a particular title (for example with animations) it should be conformed to the template to be downloaded at this [LINK](#)

VIDEO END CREDITS

Using the same fonts of the header and size at your choice is required to add credits at the end including tools used, music tracks,... and any other useful information. End credits can be realize with rolling technique, static,..or any other solution useful to include all the references.

SOUND TRACK & SUBTITLING

- insertion of the soundtrack, audio commentary, ambient noise, subtitles to be made following the suggestions in the *Deep Frames* seminar manual ([see](#)) and the video tutorial viewable at this [LINK](#)

Please refer to the seminar portal (www.mailab.biz/vortex) for any further clarification.

All the final videos must be uploaded, in the format above described, at this [LINK](#)

CREDIT REGISTRATION

Below are the codes for registering the seminar divided by credits earned.

If the student has attended both modules, he/she must refer to the 10 credit code provided that this code is present in his/her study plan.

Vice versa, he/she must apply the relative codes if he/she has attended a single module.

Students who do not yet have the codes listed below in their study plan must immediately contact the secretary to check whether it is possible to register the seminar with the possibility of having it 'enter' their career later. Vice versa, they must postpone the registration of the seminar until the study plan has been approved and register for the next year's exam sessions.

The exam call will be published soon. Please make sure you do not miss the booking because it causes many problems.

codice	cds	Cod. Reg. Did.	denominazione seminario (attività didattica) / titolo seminario	cfu	periodo	docenti referenti
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B034206	B076	B076-12-23	APPROFONDIMENTO: EXPLORING AI ENVIRONMENTAL DESIGN Primo Modulo: Critical Research, Story Telling & Design Visioning	4	II semestre	Giuseppe Ridolfi, Laura Andreini, Giulio Giovannoni Assistenti e lettori: Andrea Benelli, Arber Marra, Chiara Mezzabotta, Arman Saberi
B034207	B076	B076-12-23	APPROFONDIMENTO: EXPLORING AI ENVIRONMENTAL DESIGN Secondo Modulo: Critical Research, Story Telling & Video Generation	6	II semestre	Giuseppe Ridolfi, Laura Andreini, Giulio Giovannoni Assistenti e lettori: Andrea Benelli, Arber Marra, Chiara Mezzabotta, Arman Saberi
B034208	B076	B076-12-23	APPROFONDIMENTO: EXPLORING AI ENVIRONMENTAL DESIGN Seminario completo	10	II semestre	Giuseppe Ridolfi, Laura Andreini, Giulio Giovannoni Assistenti e lettori: Andrea Benelli, Arber Marra, Chiara Mezzabotta, Arman Saberi