

## Transnational Project Meetings



**Geology for the Visually Impaired and Disabled - Preparatory Meeting in Lesvos**  
**Lesvos, 19 - 23 July 2021**

	Monday 19 July	Tuesday 20 July	Wednesday 21 July	Thursday 22 July	Friday 23 July
Day overview	Arrivals and welcome reception	Public day and introductions	Lesvos Island UNESCO Global Geopark	Managerial and technical meetings	Excursion
09:00	Arrivals	Official welcome	Guided tour to Lesvos Island UNESCO Global Geopark	Discussion of G4ViD managerial issues, session 1: Financial and administrative issues, partner cooperation and communication. Coord: Dr Yiannis Gialelis	Guided tour to Mytilene Castle and historical center
09:30		"Introduction to Lesvos Island UNESCO" - Prof. Nickolas Zouros, University of the Aegean, Natural History Museum of the Lesvos Petrified Forest			
10:00		"Introduction to Erasmus+ programme" - Dr Yiannis Gialelis, University of Patras			
10:30		Coffee Break	Coffee Break	Coffee Break	
11:00		"G4ViD project overview" - Dr Yiannis Gialelis, University of Patras	Guided tour to Lesvos Petrified Forest Park	Discussion of G4ViD managerial issues session 2: Project roadmap (timetable, planning of meetings, events and project deliverables). Coord: Dr Yiannis Gialelis	
11:30		"Software for the Blind" - Andreas Papalambrou, University of Patras			
12:00		Lunch	Light lunch with traditional dishes	Lunch	
12:30					
13:00		Partner introductions: 15 mins profile presentation of each partner	"The new findings of the Petrified Forest excavations and the creation of the Lesvos Petrified Forest" - Prof. Nickolas Zouros, University of the Aegean, Natural History Museum of the Lesvos Petrified Forest	Discussion of G4ViD technical and intellectual outputs: Software, and website. Testing and feedback from partners. Coord: Mr Andreas Papalambrou	
13:30					
14:00					
14:30		Coffee Break	Coffee Break	Coffee Break	
15:00		Discussion of prospective partner contribution and involvement to intellectual outputs	Guided tour to the Natural History Museum of the Lesvos Petrified Forest	Discussion of G4ViD outreach and dissemination plan	
15:30					
16:00					
19:30		Welcome Reception			
21:30					
Color codes	Social program	Public Presentations	Breaks/Lunches	Project partner meetings	Excursion

Lesvos, July 23<sup>rd</sup>, 2021

## G4Vid Preparatory Meeting

### Minutes of Meeting

Date: 19-23 July, 2021

#### Participants :

1	Ioannis Gialelis	UPAT	11	Panayiota Rotsidoy	SSC Red Cross
2	Andreas Papalambrou	UPAT	12	Eva Christou	SSC Red Cross
3	Ioannis Chiotelis	UPAT	13	Margherita Pierazzoli	OPENCOM I.S.S.C.
4	Nikos Zouros	NHMPF LESVOU	14	Valentina Mariottini	OPENCOM I.S.S.C.
5	Ilias Valiakos	NHMPF LESVOU	15	Manuel Alfredo Miguel Sandoval	CEIP La Jara
6	Konstantina Bentana	NHMPF LESVOU	16	Almudena Gonzalez Rivas	CEIP La Jara
7	Anna Silionova	Liepajas Neredzigo biedriba	17	Blenvenido Cuevas Monge	CEIP La Jara
8	Anita Lazdeniece	Liepajas Neredzigo biedriba			
9	Raimonds Briežkalns	Liepajas Neredzigo biedriba			
10	Christala Sotiriou	SSC Red Cross			

#### Schedule per day

#### Monday 19/7/2021

Welcome reception that took place in Lesvos downtown.

#### Tuesday 20/7/2021

1<sup>st</sup> day of meetings – University of the Aegean.

Welcome address by Professor Nickolas Zouros, Dean of the faculty of Social Sciences of the University of the Aegean, Director of the Natural History Museum of the Lesvos Petrified Forest.

Welcome address by Yiannis Gialelis, coordinator of the Project.

Nickolas Zouros. Presenting Lesvos Island UNESCO Global Geopark

Yiannis Gialelis. Introducing the project: Geology for the Visually Impaired and Disabled  
Introducing the partners of the project and Objectives of the project.

Discussion on:

Project Outputs, Accessibility of Project Outputs, Target Groups, Role of the Partners, Roadmap of

Implementation Methodology.

Introduced the time table. Spain meeting was decided to be held 18 to 22 of October 2021

Andreas Papalambrou: introduction to the software for the blind

Partner presentations about each institute.

Discussion points:

Each partner must organize activities related to the project theme.

Upatras presented the first version of the project flyer which needs to be translated by the partners to their original language.

Posters, bookmarks etc will be produced in the future.

The leaflet will be distributed by the end of July.

The communication material will be distributed to the partners.

First version of the project website was presented. The website needs to be translated in the languages of the participants.

Geosites: All partners must establish a good relation with the Geopark. The geoparks that will be included will be visited when the consortium will visit each country.

Questionnaire: A questionnaire will be made with questions for the target groups about geology and the Geopark. Data from the previous questionnaires can be used adding special questions directed to geosites. Upatras will send a modified questionnaire that the partners will distribute to the target group for getting feedback.

Coordinates of the geosites. Lesvos will help with the geosites concerning the geology.

Address book was created. Common dropbox folder was established.

Regarding project promotion, it was suggested that all partners make a two minutes video presenting the organization and one video about the reasons why the partners are interested to participate in the project. Deadline 30<sup>th</sup> of September.

### **Wednesday 21/7/2021**

Field trip:

- Guided tour to Lesvos Island UNESCO Global Geopark
- Guided tour to Lesvos Petrified Forest Park
- Guided tour to the Natural History Museum of the Lesvos Petrified Forest

### **Thursday 22/7/2021**

Managerial and technical meetings

Managerial session: Ilias Konstantinopoulos from Upatras presented via Zoom the managerial issues of the project.

Co-funded by the  
Erasmus+ Programme  
of the European Union



Technical session: Andreas Papalambrou coordinated discussion regarding the IO's.

Discussion points:

Some geosites some are located in the park, the protected area of the petrified forest and the Geopark. We need to navigate to the sites. In the case of the park we need to navigate them first to the park. Inside the park we need to categorise the sites according to the accessibility.

Feedback from Raimonds Briežkalns, who is visually impaired, about the field trip:

Biggest obstacle were the steps and they weren't marked. There were also no railings to the steps. Some trails were also uneven. For visual impairment if you have an assistant, you can visit the park. If you have mobility problem you cannot visit it easily. He can see the big objects, but he cannot see the details. The most important think was the information we got. He could get more information if he could touch the objects in order to understand also the size of the objects. If there is not a guide, the perfect way to have the interpretation is if you have a voice explanation by pressing a button, or braille written. Also, a 3d model map where you could understand the landscape. Marking the steps is very important.

Andreas Papalambrou pointed that we have to include in the app besides the trunks also the sites that are important for the geoparks.

Ilias Valiakos pointed that we need to be able to tell the story of the Geopark and the Petrified Forest, through the geosites.

Dissemination.

Opencomm will coordinate social media pages. Valentina and Margerita are going to organize a facebook page and Instagram page.

Yiannis Gialelis. Each partner should make a schedule and present it in the next meeting about the activities and events he is going to organize.

**Friday 23/7/2021**

Guided tour to Mytilene Castle and historical center

•

Co-funded by the  
Erasmus+ Programme  
of the European Union





## UNIVERSITY OF PATRAS

### DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING Applied Electronics Laboratory

University Campus, Rion, 26 500 Patras, GREECE  
Tel: +302610996440, [gialelis@ece.upatras.gr](mailto:gialelis@ece.upatras.gr)

Patras, February 10, 2022

**To:** All G4ViD partners

**Subject:** G4ViD Middle Evaluation Meeting in Patras

Dear partners,

This is the invitation to participate in the Face-to-Face Middle Evaluation Meeting in Patras in the framework of the Erasmus+ Strategic Partnerships for School Education (KA2) Project "Geology for Visually Impaired and the Disabled- 2020-1-EL01-KA201-079157".

The meeting will take place at the Electrical and Computer Engineering (ECE) Department, of the University of Patras, located in the University campus at Rio, Greece, approximately 7.5 Km from the city center of Patras (<https://goo.gl/maps/f7CRDcrWmA6rXfF8A>).

The terms and description of the 2nd Transnational Meeting are depicted under the Activity: Middle Evaluation Meeting in the project's application form.

It will be a face to face three (3) day Plenary Meeting in Patras, Greece from Wednesday March 9th at 10:00 till Friday March 11th at 14:00. This meeting will address all technical, activity-related and administrative issues for the middle project report expected to be submitted 31/3/2022. Therefore, ALL partners are expected to present ALL their activities and related efforts occurred in the first half of the G4ViD project.

#### Middle Evaluation Meeting Agenda

Wednesday 9/3: 10:00 – 17:00, Welcome and Partner Activities Presentations

Wednesday 9/3: 20:00 Social Event (place: TBA)

Thursday 10/3: 10:00 – 17:00, Partner Activities Presentations continued, Software demonstration and testing, Demo session with the Western Greece Blind Association

Friday 11/3: 10:00 – 14:00, Administrative issues, Final Discussions, and meeting conclusions

#### Transit means to reach Patras (and vice versa):

The closest international airport to Patras is the Athens International Airport Eleftherios Venizelos. From Athens airport you can easily get Bus X93 (<http://www.athensairportbus.com/en/timetable/x93airporttokifisos.html>) to the Athens Central Bus Station (KTEL KIFISOS - <https://www.patrasinfo.com/en/athens-central-bus-station-kifisos/>). From there you get a bus to Patras according to this schedule: <https://www.ktelachaias.gr/en/%ce%b4%cf%81%ce%bf%ce%bc%ce%bf%ce%bb%cf%8c%ce%b3%ce%b9%ce%b1-2/patra-athens-patra/> and reach Patras central bus station (<https://goo.gl/maps/pDyqHjZ1s4pTrX7CA>) after 2:30 hours in case you get an express route (otherwise 3 hours).



Co-funded by the  
Erasmus+ Programme  
of the European Union



### Transit means from City of Patras to University Campus at Rio (and vice versa):

1. Taxi: is the most reliable, as well as cost effective means of moving around the city and beyond.
2. Patras Suburban Railway: connects Patras with Rio (<http://www.trainose.gr/en/passenger-activity/suburban-railway/patras-suburban-railway/>).
3. City Bus: Line No 6 (601, 604, 605) connects Patras with the University at Rio. The starting point of Line No6 is Ermou str. (<https://goo.gl/maps/U9RC5RrW5pBwr6z1A>). It runs very often according this schedule: <https://www.astikopatras.gr/grammes/xeimerina/601-604-605-panepistimio-nosokomeio-ag-vasileios-dimorigopoulo-rio>.

### Accommodation:

There are a lot of nice hotels in Patras area which you can book online through BOOKING or directly. Hotel My Way (<https://www.mywayhotel.gr/>) is located next to the central bus station (<https://goo.gl/maps/q1qQzbnKWjTZ7HEh6>) and in Hotel Castello (<https://www.castellohotel.gr/>) located at Rio very close to the University (<https://goo.gl/maps/HFBv2A3Y6dcEbv376>).

### Entering Greece

Currently the following documents are needed in order to enter Greece: <https://reopen.europa.eu/en/map/GRC/7001> and

[https://en.aegeanair.com/current-travel-information/travel-updates/?\\_ga=2.265125770.42360414.1644495017-1460981112.1644495017](https://en.aegeanair.com/current-travel-information/travel-updates/?_ga=2.265125770.42360414.1644495017-1460981112.1644495017)

1. Fill in the Passenger Locator Form before departure.
2. Provide a valid 'EU Digital COVID Certificate'. Details in the sections below.

Attached you can find the official invitation for the meeting.

Best Regards,

Dr. Yiannis Gialelis

Scientific Responsible of the G4ViD Project

Patras, March 11, 2022

## Transnational Project Meeting #2: Middle Evaluation Meeting Minutes of Meeting

Dates: Wednesday March 9<sup>th</sup> 2022 till Friday March 11<sup>th</sup> 2022

Duration: 3 days

Participants: see Attendance Sheet

### Wednesday March 9<sup>th</sup>

Main location: University of Patras, Electrical & Computer Engineering Department

Dr. Yiannis Gialelis, presented the G4ViD project overall progress and evaluated the contribution of the project's first half at technical, administrative and impact level.

Andreas Papalambrou presented the status of all Intellectual Outputs and demonstrated the software developed, as well as remaining challenges that must be overcome.

Representatives of the G4ViD partners presented their activities for the first half of the project, as well as contribution and involvement to intellectual outputs. Bilateral discussions also took place.

In the evening, a welcome dinner was arranged, where all participants got to gather and discuss about the project.

### Thursday March 10<sup>th</sup>

Main location: University of Patras, Electrical & Computer Engineering Department

Discussion of managerial topics issues, including financial and administrative issues.

Then, a plenary talk about the new Erasmus programs took place by Dr John Chiotelis.

A plenary talk about Geoparks by Professor Nikos Zouros, followed.

Then, the dates of the next meeting (Learning, Teaching, Training Activity in Latvia) were discussed and two candidate dates for the beginning of the meeting were 9<sup>th</sup> May and 23<sup>rd</sup> May. Furthermore, discussion was made on whether the situation in Ukraine would impact travel for students.

Later, an internal demonstration of the software was made, and partners had the chance to give feedback and new ideas.



**Friday March 11th**

Main location: Western Greece Blind Association (Patras)

A detailed software demonstration and evaluation took place. With the contribution of the Western Greece Blind Association 8 persons with visual impairment used the software and answered questions by the software developers. Every person took as much time needed to get familiar with the device and the software and gave feedback for further development of the software.



## UNIVERSITY OF PATRAS

### DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING Applied Electronics Laboratory

University Campus, Rion, 26 500 Patras, GREECE  
Tel: +302610996440, [gialelis@ece.upatras.gr](mailto:gialelis@ece.upatras.gr)

Patras, June 12<sup>th</sup>, 2023

**To:** All G4ViD partners

**Subject:** G4ViD Closure Meeting in Patras

Dear partners,

This is the invitation to participate in the G4ViD Closure Meeting in Patras in the framework of the Erasmus+ Strategic Partnerships for School Education (KA2) Project “Geology for Visually Impaired and the Disabled- 2020-1-EL01-KA201-079157”.

The meeting will take place at the University of Patras, located in the University campus at Rio, Greece, approximately 7.5 Km from the city center of Patras (<https://goo.gl/maps/f7CRDcrWmA6rXfF8A>).

The description of the 3<sup>rd</sup> Transnational Meeting are depicted under the Activity: Closure Meeting in the project’s application form.

It will be a face-to-face two (2) day Plenary Meeting in Patras, Greece from Monday July 10<sup>th</sup> at 10:00 till Tuesday July 11<sup>th</sup> at 14:00.

This meeting will address all technical, activity-related, and administrative issues for the final project report. Therefore, ALL partners are expected to present ALL their activities and related efforts occurred in the whole G4ViD project.

#### **Middle Evaluation Meeting Agenda**

Monday 10/07: 10:00 – 17:00, Welcome and Partner Activities Presentations

Tuesday 11/07: 10:00 – 14:00, Administrative issues, Final Discussions, and meeting conclusions

Best Regards,

Dr. Yiannis Gialelis

Scientific Responsible of the G4ViD Project



## Useful Information

### **Transit means to reach Patras (and vice versa):**

The closest international airport to Patras is the Athens International Airport Eleftherios Venizelos. From Athens airport you can easily get Bus X93 (<http://www.athensairportbus.com/en/timetable/x93airporttokifisos.html>) to the Athens Central Bus Station (KTEL KIFISOS - <https://www.patrasinfo.com/en/athens-central-bus-station-kifisos/>). From there you get a bus to Patras (<https://www.ktelachaias.gr/en>) and reach Patras central bus station (<https://goo.gl/maps/pDyqHjZ1s4pTrX7CA>) after 02:30 hours in case you get an express route (otherwise 3 hours).

### **Transit means from City of Patras to University Campus at Rio (and vice versa):**

1. **Taxi:** is the most reliable, as well as cost effective means of moving around the city and beyond.
2. **Patras Suburban Railway:** connects Patras with Rio (<https://www.hellenictrain.gr/en/patras-suburban-railway>).
3. **City Bus:** Line No 6 (601, 604, 605) connects Patras with the University at Rio. The starting point of Line No6 is Ermou str. (<https://goo.gl/maps/U9RC5RrW5pBwr6z1A>). It runs very often according this schedule: <https://www.astikopatras.gr/grammes/xeimerina/601-604-605-panepistimio-nosokomeio-ag-vasileios-dimorigopoulo-rio>.

### **Accommodation:**

There are a lot of nice hotels in Patras area which you can book online through BOOKING or directly. Hotel My Way (<https://www.mywayhotel.gr/>) is located next to the central bus station (<https://goo.gl/maps/q1qQzbmKWjTZ7HEh6>) and in Hotel Castello (<https://www.castellohotel.gr/>) located at Rio very close to the University (<https://goo.gl/maps/HFBv2A3Y6dcEbv376>).



*Patras, July 12th, 2023*

### **Transnational Project Meeting #3: Closure Meeting Minutes of Meeting**

Dates: Monday July 10<sup>th</sup> 2023 till Tuesday July 11<sup>th</sup> 2023

Duration: 2 days

Participants: see Attendance Sheet

#### **Monday July 10th**

Main location: University of Patras, Electrical & Computer Engineering Department

Dr. Yiannis Gialelis, presented the G4ViD project overall progress and evaluated the contribution of the project's at technical, administrative and impact level.

Andreas Papalambrou and Christos Palaiologos presented the status of all Intellectual Outputs and demonstrated the software developed.

Representatives of the G4ViD partners presented all their activities as well as contribution and involvement to intellectual outputs. Bilateral discussions also took place.

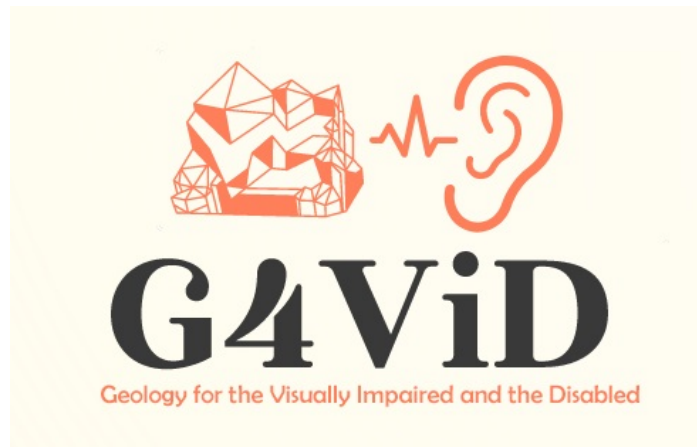
#### **Tuesday July 11th**

Main location: University of Patras, Electrical & Computer Engineering Department

Discussion of managerial, technical, activity-related, and administrative issues for the upcoming final project report

Exchange of ideas and discussions on possible future partnerships.

Farewell between partners.



# Learning, Teaching & Training Activities





## Geology for the Visually Impaired and Disabled - C1 Transnational Meeting in CEIP La Jara

Sanlúcar de Barrameda, 18th-22nd October 2021

	Monday 18 October	Tuesday 19 October	Wednesday 20 October	Thursday 21 October	Friday 22 October
Day overview	Arrivals and welcome reception	Reception Sanlúcar de Barrameda	Sevilla	Sierra Norte de Sevilla Geopark	Departures
07:30		Departure to Sanlúcar de Bda. Meeting point <a href="#">Torre del Oro</a>			
09:00		Official welcome in CEIP La Jara Breakfast		Covid Test <a href="#">Medical Center</a>	Software test at <a href="#">ONCE</a>
10:00		Coordinators meeting Rest of group free tour Sanlúcar de Bda.	Guide tour "Sevilla Natural" Meeting point: <a href="#">Catedral de Sevilla</a> 15€/p		
12:00		Guide tour Sanlúcar de Bda. Castle and historical center	Free time to lunch	Departure to Sierra Norte de Sevilla Geopark 20€/p Meeting point <a href="#">Torre del Oro</a>	
13:30				Coffee break in Constantina	
14:30		Lunch in <a href="#">Pirigüeta, Bajo de Guía</a> 25€/p			
16:00				Guide tour to Sierra Norte de Sevilla Cerro del Hierro Visit Geopark Sierra Norte de Sevilla	
16:30			Guide tour and activities in <a href="#">ONCE</a> Meeting point: <a href="#">C/Campo de los Mártires</a>		
17:00					
17:30			Coordinators meeting		
18:00					
18:30	Welcome reception Meeting point <a href="#">La Seta</a>	Departure to Sevilla		Departure to Sevilla	
19:00	Guide and sensorial experience tour "Mirador La Seta"				
19:30					
20:00	Dinner in <a href="#">La Gorda de La Seta</a>				



*Sanlúcar de Barrameda, October 25th, 2021.*

### **C1 Short-term exchanges of group of pupils - Minutes of Meeting**

Dates: Monday October 18th, 2021, till Friday October 22nd, 2021.

Duration: 5 days. Main Location : Sevilla, Spain.

Participants :

University of Patras: Ioannis Gialetis, Andreas Papalambrou, and Christos Palaiologos.

Lesvos Petrified Forrest Museum: Nickolas Zouros, Fani Kardatou and Konstantina Bentana.

Opencom: Margherita Pierazzoli, Ana Rubio Maldonado.

Special School Red Cross: Chrystalla Soteriou, Anthias Paschali, Athina Kythereotou, Savvia Leonidou, Danil Danil, Chritos Xiourouppas, Thekla Kyriakou.

Liepājas Neredzīgo biedrība: Anna Silinova, Marita Dambe, Samanta Nazarova, Raimonds Briēžkalns, Monta Sapele, Inga Gutmane and Kristine Petrovica.

CEIP La Jara: Bienvenido Cuevas, Manuel Alfredo Sandoval, Almudena González and María Luisa Jiménez García attended the meetings. All the teachers were involved in different activities carried out at school.

#### **Monday October 18<sup>th</sup>**

Main location: Plaza de la Encarnación “Las Setas”

In the first meeting activities were related to participant reception. We offered activities located in one of the most emblematic monuments of Seville besides offering interesting activities from the sensory point of view for both our participants with disabilities and for the participants without disabilities. It took place in *La Encarnacion* square. There we welcomed our European partners visiting a great monument; *Las Setas* of Seville. We enjoyed the monument, its views and a guided sensory experience. Later we could have a typical Spanish dinner.

#### **Tuesday October 19<sup>th</sup>**

Main location: Sanlúcar city center and CEIP La Jara school.

The official welcome reception took place at school CEIP La Jara, where the participants could follow a presentation of our students' work about our projects' topic; the geoparks. As well as a delicious, traditional Spanish breakfast.

Also, the local mass media were invited, so our project was news in the local TV program and the province's newspaper to promote the dissemination of G4ViD. In addition to being published on social networks sharing the news with the entire educational community.



Furthermore, on Tuesday 19<sup>th</sup>, the coordinators meeting was held in the teachers' room of the school. There we were able to address issues relevant to the project as well as answering doubts and proposing suggestions from the participants. Then, the bilateral discussions took place about next meetings with coordinators and teachers participants: Preparatory meeting in Patras, Greece. February 2022 and C2: 2<sup>nd</sup> Short-term exchanges of groups of pupils Latvia. April 2022, both mobilities remain to be specified dates.

After the meeting and taking into account an Erasmus project exchange, we consider very relevant the cultural field and for this reason we organized a city tour with a professional guide in our city. So, we can share our history, culture and show our colleagues the most beautiful places in our city.

### **Wednesday October 20th**

Main location: Seville center & ONCE

On Wednesday we have organized an excursion in Sevilla City Center. It was shown the city from a geological point of view with specialist guide in geology. We made a walking route through the Seville's streets and we were also provided of very interesting information for the development of our project.

In the evening we visited the ONCE department of Sevilla. It is a very important and emblematic organization for blind and disabled people in Spain. ("ONCE" means Organización Nacional de Ciegos en España). It is well known for Spanish society because of its social work during eighty years. It offers support to people with any disability, above all blind people, encouraging their integration in the society.

In *ONCE* we could listen to the principal, a blind woman, and her guide dog. She shared the experience of their work and life and how thanks to the organization she could improve and have a better quality of life, how it helps to people like her. The organization contract people with disabilities to send weekly lottery and different social works. We could see a different point of view from other countries in this kind of organizations. Also, we could be in the facilities of the organization, doing different activities with the ONCE monitors. We were shown resources for blind people, library for blind and workshops carried out by specialist professionals.

### **Thursday October 21st**

Main location: Sierra Norte Seville Geopark.

This day was one of the key days of the Erasmus week. We visited the Cerro del Hierro in the Sierra Norte de Sevilla with specialized guides. We also have the support of the Sierra Norte's geologist, Alberto Gil with whom we were able to contact thanks to the collaboration of the Natural History Museum of Lesvos. Moreover, the University of Patras performed a geographical survey taking material (photos, coordinates) on the right geosites, something of great importance for GViD.

### **Friday October 22nd**

Main location: ONCE.

Today was also a very special day for our project so we could test the G4ViD software in la ONCE. We also





invited blind people from this organization.

The farewell took place at ONCE after a great job together in terms of collaboration, participation acceptance of differences in a beautiful atmosphere.

This meeting was the second one with partners and participants.

According to the aims of the project people with visual problems or other type of handicaps and disabilities participated in a wide range of sensual and kinesthetic experiences.

First of all, we must mention that even the possibility of travel to these people was a unique lifetime experience. Visual impaired people from Latvia travelled to Spain and people with handicaps from Cyprus traveled also to our destination.

We must mention that these experiences are of high importance for developers and scientists to understand how the applications for visual impaired people must be developed. We have to understand what these people are looking for and how they are receiving the stimuli.

According to all these notes we can certainly conclude that we achieved the main goals of our second mobility, testing the G4Vid software with blind disability participants. We have compiled information about the geosites of Sierra Norte of Seville that is so important for the development of the software.

With no further issues to deal with, the session will be closed at 17.30h.

María Luisa Jiménez García.

**Learning Teaching Training event in Liepaja, Latvia**  
tentative agenda

	<b>Monday 23 May</b>	<b>Tuesday 24 May</b>	<b>Wednesday 25 May</b>	<b>Thursday 26 May</b>	<b>Friday 27 May</b>
<b>Day overview</b>	<b>Arrivals and welcome reception</b>	<b>Liepaja</b>	<b>Kuldiga</b>	<b>Riga and Sigulda</b>	<b>App testing Departures</b>
09:00			Departure for Kuldiga	Visit to Strazdumuiža School for app testing	
09:30		Official welcome in Liepaja Society of the Blind			
10:00	Arrivals				App testing in Latvia Society of the Blind, Riga
10:30		App testing	Excursion in Kuldiga, Venta Rapid		
11:00			App testing	Departure to Sigulda,	
12:00		Visit to “Garden of Soul Relief” in Ziemeupe		Visit to Līgatne Underground bunkers	Departures
14:00		Activities, app testing	Visit to Riezupe sand caves	Visit to Gutmanis Cave	
17:00	Welcome reception	Tour of Liepaja	Departure for Riga		
18:00	Social Hour				



## Geology for the Visually impaired and Disabled

### SCHEDULE OF ACTIVITIES

C3 in Cyprus Special Education School Limassol

**Dates:** 24-28 October 2022

**Place:** Limassol Cyprus

<b>Monday, 24, October</b>	<b>8:30</b> Pick up partners from meeting points in Limassol. Travelling by bus to the city of Paphos, to the Mythical Birthplace of Aphrodite. <b>10:30</b> Arrivals to Paphos. Visiting the Medieval Castle of Paphos, and the Archeology mosaics of Paphos <b>13:00</b> Lunch ( <b>Lunch will cost 22euros per person with local drink</b> ) <b>14:30</b> Depart from Paphos Visiting Rock of Aphrodite Visiting Kourion Theater <b>18:00</b> Arriving to the meeting points to the city of Limassol
<b>Tuesday, 25, October</b>	<b>8:30</b> Pick up partners from meeting points in Limassol. Arriving in our school premises  <b>13:00</b> <b>Lunch provided by our school</b>
<b>Wednesday, 26 October</b>	<b>8:30- 9:00</b> Pick up partners from meeting points in Limassol. Going by bus to the Troodos Geopark Excursion to different Geotopes that are accessible for people with disabilities Lunch in Troodos Arriving to the city of Limassol <b>( Lunch will cost 15 euros per person plus drink)</b>
<b>Thursday, 27 October</b>	<b>8.30</b> Pick up partners from meeting points in Limassol. Going by bus to the capital city at the School of Blind <b>10:00</b> Registration and opening reception Multiplier event, evaluation and testing in the school of Blind premises <b>11:30</b> Networking <b>Lunch will be provided by our school</b> Arriving to the city of Limassol (detailed program to be announced later)
<b>Friday, 28 October</b>	<b>10.00-12.00</b> Meeting in the old city of Limassol for evaluation of the program and planning the next activities free day to meet the city of Limassol

The expenses for the bus for Tuesday and Thursday are going to be covered by our school.

The expenses for the bus for Monday and Wednesday the cost will be 30 euros per person for both days



## **G4BD project “Geology for the Visually impaired and Disabled”**

### **Minutes of C3 Mobility**

**Dates:** 24-28 October 2022

**Locations:** Special School for Children Red Cross Limassol Cyprus  
St Barnabas school for the Blind Nicosia, Cyprus  
Cities of Paphos Limassol, Nicosia and Larnaca

**Duration** 5 days

#### **Monday 24/10/2022**

The C3 mobility started Monday the 24<sup>th</sup> of October in Limassol. In the morning of the above date the bus Picked up our partners from 4 different meeting points in Limassol and travelled to the city of Paphos which is the Mythical Birthplace of Aphrodite. At the same day we visited the Medieval Castle of Paphos, the Archaeology Park and the St. Paul's Pillar. There was a guide with the group where she was explaining all the history of the ancient places. At one o'clock we had lunch at village in Paphos in a nice place with traditional Cypriot food and drinks. There was a demonstration on how to make traditional Cyprus cheese and bread. At the same day we visited the historical place of Rock of Aphrodite. The last visit was the ancient Kourion Theater. The visual impaired people were given a booklet with braille system about the theatres history. At 6 o'clock we arrived at the meeting points to the city of Limassol

#### **Tuesday 25/10/2022**

Morning presentations at the the Special School for Children Red Cross Limassol premises. Mrs. Christalla Soteriou gave an opening speech pointing out the importance of innovative programs in Special education in Cyprus and that the Ministry of Education in Cyprus supports such Programs, she also welcomed, all the participants in the conference.

A Welcoming Song called “Καλώς Ἡρθατε” was performed by the three Music therapist of the two Special education schools in Limassol.

A Speech about the program Geology for visual Impaired and Disabled was given by Panayiota Rotsidou. The speech was about the goals and the objectives of the G4ViD program and what had been achieved by that time in the Special education school.

The stage was given to Anthias Paschali from Saint Varnava School of Blind in Nicosia. He gave a speech about “Educational Provision for children, young people, and adults with visual Impairment in Cyprus”.

The following speech was given by Dr Efthymios Tsolakis Senior Geological Officer of Cyprus Geological Survey. The topic was about Troodos UNESCO Global Geopark.

Just before the coffee break. Mr Nikos a person with visual Impairments performed Cyprus traditional songs. The participant participated with joy in this beautiful performance.

A twenty-minute break and networking followed with some traditional Cypriot snacks and coffee.

After the break Dr Giannis Gialelis from Patra University gave a speech about the goals of the project Geology for visual impaired and disabled

Annas Silinovas speech was about the Blind implement activities in G4ViD project of the Liepaja Society.

Valiakos Ilias and Konstantina Bentana gave a very interesting speech about Geosites and Unesco Global Geoparks and Educational activities for the visually impaired and the disable.

Finally, the partners from Spain show us very nice videos of how to teach Geological aspects in the Primary School

A nice buffet with traditional Cyprus food was open for all the participants. There was some networking and coffee at the end.

### **Wednesday 26/10/2022**

In the morning we picked up our partners from the meeting points in Limassol.

And we went by bus to the Troodos Geopark Museum. On the way we had excursions in different geosites that were accessible for people with disabilities.

The University of Patras took detailed pictures, GPS measurements and notes regarding the geosites to be included in the database and the applications.

Efthymios Tsolakis who is the senior officer of Cyprus Geological Survey was guiding us. Presentation and lecture related to the genesis of Troodos was given to us by a museum officer. After that we visited and had a tour to the botanical garden of Troodos.

On the way back we visited a geosite and then we had a buffet lunch in a Cyprus Traditional restaurant.

### **Thursday 27/10/2022**

In the morning we picked up our partners from meeting points in Limassol and we travelled by bus to the capital city of Nicosia. We visited the old city. We all had Lunch in the city of Nicosia. In the afternoon we visited the school of blind for evaluation and

testing of the software, an aural application for tablets and smart phones. There was a networking and coffee with some finger food snacks. Mrs Kika Kasini the headmistress of the school gave a welcoming speech for all the participants. Then Mrs Christalla Soteriou the headmistress of eidiko sxoleio also gave a welcoming speech at the school of Blind. The stage was given to John Gialelis from Patra Greece who spoke about the Methods and the principles of the aural software, which helps the visual impaired people to perceive geological objects. The speech was given in the Greek Language.

A very important speech was given by Mr Tsolakis senior Geological officer of Cyprus Geological survey called The Geological significance of the Troodos Unesco Global Geopark.

A 20-minute music break followed by the Music group of the school of Blind. A pianist, a violist a drummer and a cellist played some traditional Cyprus music. Many of the participants danced and enjoyed the tempo the rhythm and the joy of the music.

After that in a separate and quiet room the evaluation and testing took place.

Many people in different ages, with visual impairments mainly blind, were there to test the software with tablets and smart phones. Also, special education teachers were assisting and guiding them.

According to Mr. Christos Palaiologos the procedure of the testing was very interesting, and he got very good comments suggestions, and feedback from all. The rest of the team divided in three groups and had an Excursion through the Blind Society. At the end there was again some networking with all the participants and coffee.

### **Friday 28/10/2022**

It was a beautiful sunny day, and we had an excursion in the city of Limassol visiting Castles and archaeological places.



## Geology for the Visually impaired and Disabled

### SCHEDULE OF ACTIVITIES

C4 “Training in Italy”  
and  
E4 “Multiplier Event” in Italy  
hosted by OpenCom

**DRAFT 1 13/03/2023 STILL UNDER DEFINITION**

**Dates: 24-28 April 2023**

**Place: Arezzo Italy**

<b>Monday, 24</b>	<b>9:00</b> Departure to Sansepolcro (bus) <b>10:00 – 12:30</b> Visit to the museum: Museo delle Erbe (to define) <b>13:00</b> Lunch at Sansepolcro <b>14:30</b> Departure to Cortona <b>15:00 – 17:30</b> Visit to the museum: Museo MAEC (to define) <b>17:45</b> Departure to Arezzo
<b>Tuesday, 25</b>	<b>7:00</b> Departure to Ancona (bus) <b>10:00 – 12:30</b> Visit to the museum: Museo Tattile Statale Omero <b>13:00</b> Lunch in Ancona <b>15:00</b> Departure to Arezzo <b>17:30/18:00</b> Arrival in Arezzo and Free time
<b>Wednesday, 26</b>	<b>9:00</b> Pick-up at the hotels (bus) <b>9.30 – 12:00</b> Cultural visit Arezzo <b>12:30 – 14:00</b> Lunch offered by OpenCom <b>14:30 – 16:00</b> Multiplier Event at the University of Siena, Department of Educational Science <b>16:00</b> Transfer to hotel (bus) Free time
<b>Thursday, 27</b>	<b>8:00</b> Departure to Parco Colline Metallifere (bus) <b>10:30 – 13:00</b> Visit to Parco Colline Metallifere <b>13:00</b> Lunch break <b>14:30 – 16:00</b> Visit to Parco Colline Metallifere <b>16:00</b> Departure to Arezzo <b>18:00/18:30</b> Arrival in Arezzo and Free time
<b>Friday, 28</b>	<b>08:00</b> Departure to Florence <b>09:30-13.00</b> Multiplier Event at Florence <b>13:00</b> Lunch offered by OpenCom End of the activities.

## REPORT LTTA AREZZO, IT

### **24th April 2023**

- Training at the museum: "Aboca Museum", where partners have experienced through sensory experiences different scents
- Training at the museum: "MAEC", where partners have done a specific route for visually impaired people, being able to discover different archeology items without any barriers

### **25th April 2023**

- Training at the museum: "Museo Tattile Statale Omero", where partners have had a specialist guide for the visually impaired with a specific route. This museum is one of the few tactile museums in the world and is not only inclusive to all partners in the project but also helpful to it, showing how is inclusion done in this organization and place.

### **26th April 2023**

- Cultural training in Arezzo into the city and its culture with a professional guide tour for the visually impaired.
- Training at Arezzo in the headquarters of "Unione Italiana Dei Ciechi E Degli Ipovedenti", an Italian association, entrusted by law and statute with the representation and protection of the moral and material interests of the blind and visually impaired in dealings with public administrations. There, the software has been tested and the opinions and tips from the people of the association.

### **27th April 2023**

- Training at the Tuscan Mining Geopark in Gavorrano where partners have discovered this park, its history, and its impact on nature.
- Training at the Geothermal Site in Monterotondo Marittimo where partners have discovered the surroundings and the impact of this site.

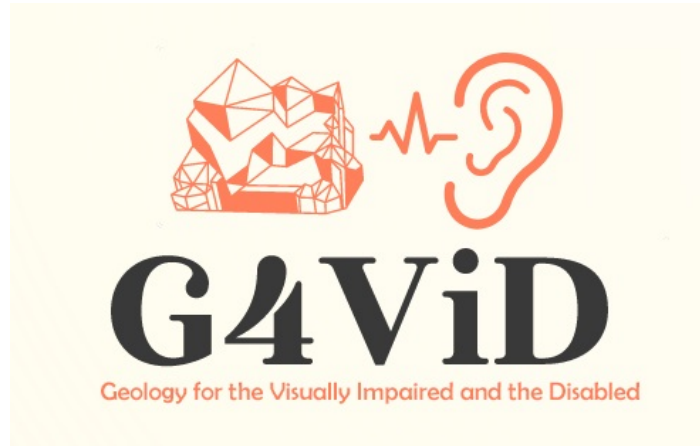
### **28th April 2023**

- Cultural training in Florence through the city masterpieces with a special guide for the visually impaired.









## Multiplier Events





## **Geology for the Visually impaired and Disabled**

### **SCHEDULE OF ACTIVITIES**

**E3 Multiplier Event in Cyprus Special Education School Limassol**

**Dates: 25 & 27 October 2022**

**Place: Limassol Cyprus**

<b>Tuesday, 25, October</b>	<b>9:30 10:00</b> Welcoming reception registration and coffee <b>10:00</b> Opening Multiplier event <b>11:30</b> Coffee break <b>11:45</b> multiplier event <b>13:00</b> Lunch provided by our school
<b>Thursday, 27 october</b>	At Nicosia the capital city “ School of Blind” <b>10:00</b> Registration and opening reception Multiplier event, evaluation and testing in the school of Blind premises <b>11:30</b> Networking Lunch will be provided by our school

The expenses for the bus for Tuesday and Thursday are going to be covered by our school.



## **G4ViD project “Geology For Visually Impaired and Disabled”**

**Limassol, October 30th**

### **E3 Multiplier Event in Cyprus Special Education School Limassol**

#### **Minutes of Conference**

**Dates:** 25 & 27 October 2022

**Location:** Special School for Children Red Cross Limassol Cyprus

St Barnabas school for the Blind Nicosia, Cyprus

**Duration** 2 days

**Participants** 70 participants attended the conference, evaluation and testing

#### **Tuesday, 25<sup>th</sup> of October**

The opening of the E3 multiplier event took place in the Special School for Children Red Cross Limassol premises. Mrs. Christalla Soteriou gave an opening speech pointing out the importance of innovative programs in Special education in Cyprus and that the Ministry of Education in Cyprus supports such Programs, she also welcomed, all the participants in the conference.

A Welcoming Song called “Καλώς Ήρθατε” was performed by the three Music therapist of the two Special education schools in Limassol

A Speech about the program Geology for visual Impaired and Disabled was given by Panayiota Rotsidou. The speech was about the goals and the objectives of the G4ViD program and what had been achieved by that time in the Special education school.

The stage was given to Anthias Paschali from Saint Varnava School of Blind in Nicosia. He gave a speech about “Educational Provision for children, young people and adults with visual Impairment in Cyprus”.

The following speech was given by Dr Efthymios Tsolakis Senior Geological Officer of Cyprus Geological Survey. The topic was about Troodos Unesco Global Geopark.

Just before the coffee break. Mr Nikos a person with visual Impairments performed Cyprus traditional songs. The participant participated with joy in this beautiful performance

A twenty minute break and networking followed with some traditional Cypriot snacks and coffee.

After the break Dr Giannis Gialelis from Patra University gave a speech about the goals of the project Geology for visual impaired and disabled

Annas Silinovas speech was about the Blind implement activities in G4ViD project of the Liepaya Society.

Valiakos Ilias and Konstantina Bentana gave a very interesting speech about Geosites and Unesco Global Geoparks and Educational activities for the visually impaired and the disabled.

Last but not least the partners from Spain show us very nice videos of how to teach Geological aspects in the Primary School  
A nice buffet with traditional Cyprus food was open for all the participants

There was some networking and coffee at the end.

### **Thursday 27<sup>th</sup> of October**

The Main location of the second day seminar was St Barnabas School for the Blind in Nicosia

The second day of the conference was the evaluation and testing of the software, an aural application for tablets and smart phones.

There was a networking and coffee with some finger food snacks.

Mrs Kika Kasini the headmistress of the school gave a welcoming speech for all the participants.

Then Mrs Christalla Soteriou the headmistress of eidiko sxoleio also gave a welcoming speech at the school of Blind .

The stage was given to John Gialelis from Patra Greece who spoke about the Methods and the principles of the aural software, which helps the visually impaired people to perceive geological objects. The speech was given in the Greek Language.

A very important speech was given by Mr Tsolakis senior Geological officer of Cyprus Geological survey called The Geological significance of the Troodos Unesco Global Geopark.

A 20 minute music break followed by the Music group of the school of Blind. A pianist, a violist a drummer and a cellist played some traditional Cyprus music. Many of the participants danced and enjoyed the tempo the rhythm and the joy of the music.

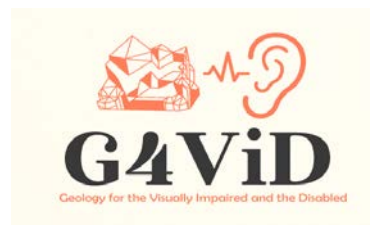
After that in a separate and quiet room the evaluation and testing took place.

Many people in different ages, with visual impairments mainly blind, were there to test the software with tablets and smart phones. Also special education teachers were assisting and guiding them.

According to Mr Christos Palaiologos the procedure of the testing was very interesting and he got very good comments suggestions, and feedback from all.

The rest of the team divided in three groups and had an Excursion through the Blind Society.

At the end there was again some networking with all the participants and coffee.



## **Methodologies for Inclusion of Visually Impaired Students at STEM**

### **Multiplier Event at University of Siena, Department of Social, Political and Cognitive Sciences**

**Campus del Pionta,  
Viale Luigi Cittadini, 33  
52100 Arezzo**

**Aula 2 – Palazzina Donne**

26/04/2023

14:00 **Registration of participants**

14:30 **Opening of the event**

#### **INSTITUTIONAL WELCOMING**

**Alessandra Romano**

14:30 *Professor, Coordinator of the Certification Program for teachers for special education of University of Siena - Department of Social, Political and Cognitive Sciences, University of Siena*

#### **METHODOLOGIES FOR INCLUSION OF VISUALLY IMPAIRED STUDENTS AT EARTH SCIENCES**

14:40 **“Geology for Visually Impaired Project and the Website with the Public Database of Geoparks”**

**Ioannis Gialelis**

*Professor, Coordinator of G4VID Project - Electrical and Computer Engineering Department, University of Patras*

15:00 **“The UNESCO Global Geoparks – celebrating how 4,600 million year long history has shaped every aspect of our lives and our societies”**

**Ilias Valiakos**

*UNESCO Global Geopark Expert - Lesvos UNESCO Global Geopark Vice-Coordinator - Deputy Director of the Natural History Museum of the Lesvos Petrified Forest and International Institute on Geoparks Development from the University of the Aegean*

15:20 **“Building the Aural Software for the visually impaired to transform geopark images into audible information”**

**Andreas Papalambrou**

*Electrical and Computer Engineering Department, University of Patras*

15:40 **“Building the Navigation Software to provide an easy and effective visiting experience for visually impaired or disabled people, but also people with no disability”**

**Ioannis Gialelis**

*Professor, Coordinator of G4VID Project - Electrical and Computer Engineering Department, University of Patras*

## METHODOLOGIES AND TECHNOLOGIES FOR STEAM TEACHING

15:60 ***“T.E.S.T – Technologies for STEAM teaching”***

**Alessandra Romano**

*Professor, Coordinator of the Certification Program for teachers for special education of University of Siena -  
Department of Social, Political and Cognitive Sciences University of Siena*

16:20 ***“T.E.S.T – Technologies for STEAM teaching”***

**Alessandra Romano**

*Professor, Coordinator of the Certification Program for teachers for special education of University of Siena -  
Department of Social, Political and Cognitive Sciences University of Siena*

## CLOSURE OF THE EVENT

16:40 **Open discussion, questions, and answers**

**Final greetings**

16:50 **Alessandra Romano**

*Professor, Coordinator of the Certification Program for teachers for special education of University of Siena -  
Department of Social, Political and Cognitive Sciences University of Siena*

17:00 **Release attendance certificates**



## **REPORT MULTIPLIER EVENT AREZZO, IT**

**26th April 2023**

**METHODOLOGIES FOR INCLUSION OF VISUALLY IMPAIRED STUDENTS AT STEAM**

Date: 26/04/23

Hours: from 9:30 to 17:00

Location: V.le Luigi Cittadini, 33, Palazzina Donne (Aula 3), University of Siena, department of Social, Political and Cognitive Sciences

### **Morning Session - I PART OF THE MULTIPLIER EVENT: TESTING THE AURAL SOFTWARE AND THE NAVIGATION SOFTWARE**

The morning session began with participant registration at 09:30, followed by the opening of the event at 10:00. The event coordinator, Ioannis Gialelis, a professor from the Electrical and Computer Engineering Department at the University of Patras, led the session.

The first presentation, "Testing the Aural Software,". Associates from the "Italian Union of Blind and Visually Impaired ONLUS-APS" actively participated in practical testing. The session involved collecting feedback and engaging in an open discussion on potential improvements. Ioannis Gialelis facilitated the session, drawing upon his expertise in the field.

After a well-deserved coffee break at 11:30, the session resumed with the second presentation, "Testing the Navigation Software." Similar to the previous session, associates from the "Italian Union of Blind and Visually Impaired ONLUS-APS" participated in practical testing and provided valuable feedback.

The morning session concluded with a lunch break at 13:00, providing participants with an opportunity to network and exchange ideas.

### **Afternoon Session - II PART OF THE MULTIPLIER EVENT: METHODOLOGIES AND TECHNOLOGIES FOR STEAM TEACHING**

The afternoon session began with participant registration at 14:00, followed by the opening of the event at 14:30. The session focused on methodologies and technologies for STEAM (Science, Technology, Engineering, Arts, and Mathematics) teaching, with an emphasis on adaptivity and accessibility. Alessandra Romano, a professor from the University of Siena, Department of Social, Political and Cognitive Sciences, welcomed the participants and introduced the institutional aspects of the event.

Following some presentations regarding this topic, the session shifted its focus to the inclusion of visually impaired students in Earth Sciences. Insights into the G4VID Project were shared, as well as a discussion of "The UNESCO Global Geoparks" and the significance of understanding our planet's geological history.

The session further showcased the experiences and outcomes of the G4VID training program in different countries.

The event concluded with a session on "Conclusions and Future Trajectories of Collaboration" at 16:30. Alessandra Romano summarized the key takeaways from the event and discussed potential avenues for future collaboration. Final greetings were extended, acknowledging the contributions and dedication of the participants and organizers.

Finally, at 17:00, attendance certificates were distributed to the participants as a recognition of their active participation in the event.

The event provided a platform for testing, feedback collection, and discussions related to the aural software, navigation software, and inclusive teaching methodologies. The presentations and sessions fostered collaboration and knowledge sharing among participants, promoting advancements in accessibility for visually impaired individuals. The multiplier event have reached a total of 45 attendees.







## UNESCO Global Geoparks:

# Inclusive Territories using innovative tools for Earth Heritage Story Telling

Multiplier Event in Lesvos

At the Natural History Museum of the Lesvos Petrified Forest,

Sigri, Lesvos Island, Greece

14 & 15/06/2023

Wednesday 14/06/2023

- |                    |  |
|--------------------|--|
| <b>14:30-15:00</b> | Registration of participants   |
| <b>15:00-15:30</b> | Opening of the event   |
|                    | Greeting by the President of the Global Geoparks Network<br><b>Prof. Nikolaos Zouros, Greece</b>   |
|                    | Greeting by the Chair of the UNESCO Global Geoparks Council<br><b>Dr. Guy Martini, France</b>  |
|                    | Greeting by the Chair of the Advisory Committee of the Global Geoparks Network<br><b>Prof. Setsuya Nakada, Japan</b>   |
| <b>15:30-16:10</b> | Keynote speech: “Global Geoparks Network building inclusive communities. Geological heritage interpretation tools for adults and students and visually impaired groups.”<br><b>Prof. Nikolaos Zouros, Greece</b> |
| <b>16:10-17:30</b> | Towards inclusive UNESCO Global Geoparks. The needs of the Global Geoparks for new interpretation tools for Geological Heritage sites.<br><b>Prof. Jianping Zhang, P.R. China</b>                                |
| <b>17:30-18:00</b> | Demonstration of the G4ViD application to the participants<br><b>Prof. Ioannis Gialellis, Greece</b>   |
| <b>18:00-18:30</b> | Break  |
| <b>18:30-19:00</b> | Exploring the potentials of using the G4ViD application in the UNESCO Global Geoparks worldwide<br><b>Dr Ilias Valiakos, Greece</b>  |
| <b>19:00-20:00</b> | Discussion   |

## Thursday 15/06/2023

- 09:00-11:00** Departure from Mytilene to Sigrí  
Sites visit interpreted in the G4ViD project. 300 million years of Earth's history in 96 Km: Geological heritage in Lesvos Geopark - The geological and natural monuments of Lesvos Island UNESCO Global Geopark
- 11:00-12:30** Sites visit interpreted in the G4ViD project. Visit to the Lesvos Petrified Forest Park.
- 12:30-14:00** Sites visit interpreted in the G4ViD project. Visit to the Natural History Museum of the Lesvos Petrified forest
- 14:00-15:00** Lunch break
- 15.00-17.00** ***“Introducing Lesvos Island UNESCO Global Geopark”***  
**Nickolas Zouros**  
Professor, Director of the Natural History Museum of the Lesvos Petrified Forest, President of the Global Geoparks Network
- “Geology for the Visually Impaired Project”***  
**Ioannis Gialelis**  
Professor, Coordinator of G4VID Project - Electrical and Computer Engineering Department, University of Patras
- “Inclusion policy for the impaired in the Natural History Museum of the Lesvos Petrified Forest”***  
**Ilias Valiakos**  
Head of the Research, Documentation and Project Department of the Natural History Museum of the Lesvos Petrified Forest
- “Implementing Educational Programmes for the visual impaired visitors at the Natural History Museum of the Lesvos Petrified Forest”***  
**Konstantina Bedana**  
Head of the Education Department of the Natural History Museum of the Lesvos Petrified Forest
- 17:00-18:00** Discussion
- 18:00** Departure for Mytilene

## **REPORT MULTIPLIER EVENT LESVOS, GR**

**14th - 15<sup>th</sup> June 2023**

UNESCO Global Geoparks: Inclusive Territories Using Innovative Tools for Earth Heritage Story Telling

Date: 14/06/23

Hours: from 14:30 to 20:00

Location: Natural History Museum of the Lesvos Petrified Forest, Sigri, Lesvos, Greece

### **Afternoon Session - I PART OF THE MULTIPLIER EVENT: OPENING EVENT**

The session began with participant registration at 14:30, followed by the opening of the event at 15:00. The event coordinator, Prof. Nikolaos Zouros, professor Director of the Natural History Museum of the Lesvos Petrified Forest, led the session.

At the beginning of the session were greetings by the President of the Global Geoparks Network Prof. Nikolaos Zouros, the Chair of the UNESCO Global Geoparks Council, Dr. Guy Martini from France, and the Chair of the Advisory Committee of the Global Geoparks Network Prof. Setsuya Nakada, from Japan. Prof Nikolaos Zouros gave a keynote speech about "Global Geoparks Network building inclusive communities and Geological heritage interpretation tools for adults and students and visually impaired groups". A speech was also given by Prof. Jianping Zhang, from People's Republic of China, about "The needs of the Global Geoparks for new interpretation tools for Geological Heritage sites". Prof. Ioannis Gialelis in his presentation entitled "The G4ViD application" made a demonstration of the G4ViD application to the participants.

After a coffee break at 18:00, the session resumed with the another presentation entitled, "Exploring the potentials of using the G4ViD application in the UNESCO Global Geoparks worldwide" by Dr. Ilias Valiakos from the Natural History Museum of the Lesvos Petrified Forest.

The afternoon session concluded with a discussion at 19:00, providing participants with an opportunity to network and exchange ideas.



Date: 15/06/23

Hours: from 09:30 to 18:00

Location: Natural History Museum of the Lesvos Petrified Forest, Sigri, Lesvos, Greece

### **Morning Session - II PART OF THE MULTIPLIER EVENT: GEOLOGY FOR THE VISUALLY IMPAIRED PEOPLE TO LESVOS ISLAND UNESCO GLOBAL GEOPARK**

In the second day, the morning session began with the participants' departure from Mytilene to Sigri at 09:00, to visit geological sites interpreted in the G4ViD project in a 96 Km trip hosting 300 million years of Earth's history in Lesvos Island UNESCO Global Geopark.

At 11:00 a.m. the participants arrived at the Petrified Forest Park at the site of "Mpali Alonia" a site interpreted in the G4ViD project. After the visit to the Petrified Forest Park, the participants visited the Natural History Museum of the Lesvos Petrified Forest another site interpreted in the G4ViD project.

### **Afternoon Session - III PART OF THE MULTIPLIER EVENT: GEOLOGY FOR THE VISUALLY IMPAIRED PEOPLE TO THE NATURAL HISTORY MUSEUM OF THE LESVOS PETRIFIED FOREST**

After a well-deserved lunch break at 14:00, Prof. N. Zouros, Director of the Natural History Museum of the Lesvos Petrified Forest introduced Lesvos Island UNESCO Global Geopark to the participants by a beautiful presentation. Prof. Ioannis Gialelis continued the session by introducing to the participants the Geology for the Visually Impaired Project.

The session resumed with a discussion on policies and educational programs for visually impaired visitors, at the Natural History Museum of the Lesvos Petrified Forest by Dr. Ilias Valiakos head of the Research Documentation and Project Department of the Natural History Museum of the Lesvos Petrified Forest, and Mrs. Konstantina Bentana, head of the Education Department of the Natural History Museum of the Lesvos Petrified Forest, respectively.

A discussion followed regarding this topic at 17:00, the session concluded with the key takeaways from the event. Final greetings were extended, acknowledging the contributions and dedication of the participants and organizers.

The session further showcased the experiences and outcomes of the G4ViD training program in Lesvos Island UNESCO Global Geopark.

Finally, at 18:00, the attendees departed for Mytilene.

The event provided discussions related to the aural software, navigation software, and inclusive teaching methodologies in the Natural History Museum of the Lesvos Petrified Forest. The presentations and sessions fostered collaboration and knowledge sharing among participants, promoting advancements in accessibility for visually impaired individuals in UNESCO Global Geoparks. The multiplier event has reached a total of 41 attendees.



NATURAL HISTORY MUSEUM OF THE LESVOS PETRIFIED FOREST



## G4ViD

Geology for the Visually Impaired and the Disabled

# Multiplier Event at the Natural History Museum of the Lesvos Petrified Forest

Disseminating the G4ViD project in Greece



Co-funded by the Erasmus+ Programme of the European Union









## Accessible science: opening the marvels of science to everyone

### **G4ViD Multiplier Event at University of Patras, Library and Information Center, 10-11/7/2023**

#### Day 1: Monday, 10/07/2023

17:00 **Registration of participants**

#### **WORKSHOP BY THE G4ViD PROJECT: MAKING GEOLOGY ACCESSIBLE**

17:30 **“The G4ViD project”**

**Ioannis Gialelis**

*Electrical and Computer Engineering Department, University of Patras*

18:00 **“Designing software for the Visually Impaired”**

**Andreas Papalambrou**

*Electrical and Computer Engineering Department, University of Patras*

18:30 **“UNESCO Global Geoparks: Unique inclusive territories”**

**Ilias Valiakos**

*Natural History Museum of the Lesvos Petrified Forest*

19:00 **Coffee break**

19:30 **“G4ViD software presentation”**

**Christos Palaiologos**

*Electrical and Computer Engineering Department, University of Patras*

20:00 **“G4ViD Demo session”**

20:30 **“Paleontological geosites of UNESCO Global Geoparks: fossils consist of comprehensible geological items for disabled people”**

**George Iliopoulos**

*Department of Geology, University of Patras*

#### **ROUND TABLE: Discussion - Networking**

## Day 2: Tuesday, 11/07/2023

09:30 Registration of participants

### OPENING THE MARVELS OF SCIENCE TO EVERYONE

10:00 “The many faces of accessibility in research intensive Universities”

**Evgenia Orfanou-Raftopoulou, Chrysanthi Militsopoulou**  
*Library & Information Center / Social Welfare, University of Patras*

10:30 “Accessible Technologies for Higher Education”

**Niki Sakellari**  
*Library & Information Center / Social Welfare, University of Patras*

11:00 Coffee break

### “Experiences: How the Visually Impaired experienced UNESCO Global Geoparks” (G4ViD project partners)

11:30 “G4ViD Training in Spain”

**María Luisa Jiménez García**  
*CEIP La Jara, Spain*

11:50 “G4ViD Training in Latvia”

**Anna Silionova**  
*Liepājas Neredzīgo Biedrība, Latvia*

12:10 “G4ViD Training in Cyprus”

**Panayiota Rotsidou**  
*Eidiko Scholeio Paidikou Anarrotiriou, Cyprus*

12:30 “Training professionals in the tourism industry into facilitating accessible facilities and services for people with disabilities”

**Hara Pylarinou**  
*Department of Tourism Management, University of Patras*

13:00 “The role of students' ideas in teaching and learning of science”

**Georgios Ampatzidis**  
*Department of Early Childhood Education, University of Thessaly*

### ROUND TABLE: G4ViD outcomes - Exploitation

Patras, July 12th, 2023

### Transnational Project Meeting #3: Closure Meeting Minutes of Meeting

Dates: Monday July 10<sup>th</sup> 2023 till Tuesday July 11<sup>th</sup> 2023

Duration: 2 days

Participants: see Attendance Sheet

#### Monday July 10th

Main location: University of Patras, Electrical & Computer Engineering Department

Dr. Yiannis Gialelis, presented the G4ViD project overall progress and evaluated the contribution of the project's at technical, administrative and impact level.

Andreas Papalambrou and Christos Palaiologos presented the status of all Intellectual Outputs and demonstrated the software developed.

Representatives of the G4ViD partners presented all their activities as well as contribution and involvement to intellectual outputs. Bilateral discussions also took place.

#### Tuesday July 11th

Main location: University of Patras, Electrical & Computer Engineering Department

Discussion of managerial, technical, activity-related, and administrative issues for the upcoming final project report

Exchange of ideas and discussions on possible future partnerships.

Farewell between partners.







