

D(7.2) The PEARL e-learning module

© 2014 PEARL Consortium

Acknowledgement

The research leading to these results has received funding from the European Union Seventh Framework Programme (FP7/2007-2013) under Grant agreement n° 603663 for the research project PEARL (Preparing for Extreme And Rare events in coastal regions).

Disclaimer

The deliverable D 7.2 reflects only the authors' views and the European Union is not liable for any use that may be made of the information contained herein.



Authors: IWA, UNESCO-IHE

Contributors: All partners

Dissemination level :
PU = Public



Document Information

Project Number	603663	Acronym	PEARL
Full Title	Preparing for Extreme and Rare events in coastal regions		
Project URL	http://www.pearl-fp7.eu/		
Document URL			
EU Project Officer	Denis Peter		

Deliverable	Number	D. (7.2)	Title	PEARL' e-learning module
Work Package	Number	WP (7)	Title	Dissemination of Project Outputs
Lead Author(s)	IWA, UNESCO-IHE			
Contributing Author(s)	PEARL partners			

Date of Delivery	Contractual	06.01.2016	Actual	15.04.2016
Status	version 0.1		final	<input type="checkbox"/>
Nature	prototype X			
Dissemination level	public X			

Abstract (for dissemination, 100 words)	PEARL e-learning module is a dedicated short course to highlight the PEARL approach, methods and tools. It is a freely available e-learning module is online and accessible since May 2016. The short course is related to general concepts developed in PEARL and contains an overview of the application of the approach in the PEARL case studies.
Keywords	PEARL, e-learning module, short course

Version Log				
Issue Date	Rev.No.	Author	Change	Approved by

Executive Summary

Deliverable D7.2 the PEARL e-learning module is a dedicated short course to highlight the PEARL approach, methods and tools. It is a freely available e-learning module is online and accessible since May 2016. The course is freely available through the Open courseware of UNESCO-IHE to the general public by following this link <http://ocw.unesco-ihe.org/enrol/index.php?id=39>

Contents

	Executive Summary	2
	Contents	3
	List of figures	4
	List of tables	5
	Abbreviations	6
1	Introduction	7
2	Components	8
2.1	Open course ware Platform	9
3	Success indicators and conclusions	10

List of figures

Figure 1 PEARL e-learning module content..... 9

Figure 2 PEARL e-learning activity (Apr – Nov 2016) 10

Figure 3 PEARL e-learning module hits by country (Apr-Nov 2016)..... 10

List of tables

Abbreviations

IWA	The International Water Association
UNESCO-IHE	United Nations Educational, Scientific and Cultural Organization - Institute for Water Education

1 Introduction


Deliverable D7.2 the PEARL e-learning module is a dedicated short course to highlight the PEARL approach, methods and tools. It is a freely available e-learning module is online and accessible since May 2016. The short course is related to general concepts developed in PEARL and contains an overview of the application of the approach in the PEARL case studies.

2 Components


The different components of the e-learning module are:


Introduction to the course and learning objectives and different sessions. The participants can access video lectures that have been recorded by PEARL partners.

Session 1 – Setting the Scene

 [Introduction to PEARL](#)


Brief Introduction describing what PEARL is all about.
Click on the map to launch the video lecture!!!

 [PEARL Web Site](#)

 [Glossary](#)


Contains terms and definitions used in the reference book, the project and the structure of the Ontology.

Session 2 – Holistic approach to flood risk management


 [Session 2.1 Systems Thinking](#)

Dr. Igor Nikolic from Delft University of Technology gives an introduction to systems thinking theory and analysis.


Session 3 – Holistic risk assessment

 [Session 3.1 Flood Resilience Strategies](#)

Dr. Natasa Manojlovic from the Technical University of Hamburg gives an introduction to risk resilience strategies.

 [Session 3.2 Flood Reduction Probability Measures Part 1](#)

Dr. Natasa Manojlovic from the Technical University of Hamburg gives an introduction to Flood reduction probability measures, examples and modelling aspects.


 [Session 3.3 Flood Reduction Probability Measures Part 2.ds part 2](#)

Dr. Natasa Manojlovic from the Technical University of Hamburg gives an introduction to Flood reduction probability measures, examples and modelling aspects.


Introduction to the application of methods and tools in Hamburg and the Elbe Estuary.

The Application of the PEARL approach, methods and tools can also be explore and watch the recorded material by each of the case study area.


Session 7 – Examples, Demonstration in Case Study Areas

 [Rethymno, Greece](#)


Application of methods, tools and models at Rethymno in the framework of the PEARL project.
Click on the map to launch the video lecture!!

 [Hamburg, Germany](#)


Application of methods, tools and models at Hamburg in the framework of the PEARL project.
Click on the map to launch the video lecture!!

 [Marbella, Spain](#)


Application of methods, tools and models at Marbella in the framework of the PEARL project.
Click on the map to launch the video lecture!!

 [Genoa, Italy](#)


Application of methods, tools and models at Genoa in the framework of the PEARL project.
Click on the map to launch the video lecture!!

 [Greve, Denmark](#)

Application of methods, tools and models at Greve in the framework of the PEARL project.
Click on the map to launch the video lecture!!

 [Châtelaillon-Plage, France](#)

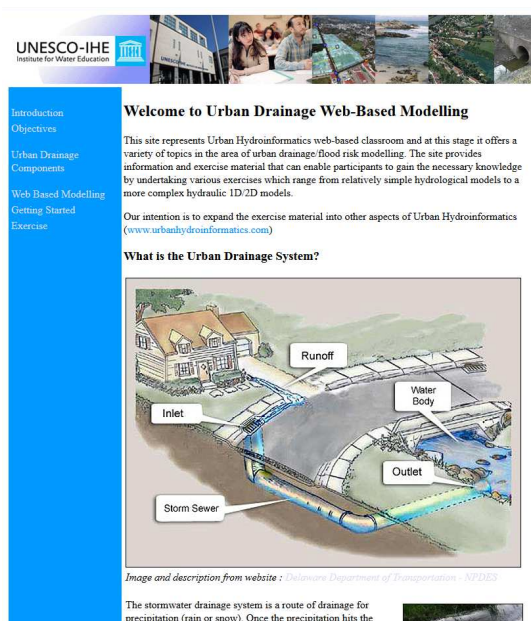
Application of methods, tools and models at Chatelaillon-Plage in the framework of the PEARL project.
Click on the map to launch the video lecture!!

 [Castries, St Lucia](#)

Application of methods, tools and models at Castries, St Lucia in the framework of the PEARL project.
Click on the map to launch the video lecture!!

There is also a Web – modelling set of exercises and tutorials were the participants are able to get familiar with modelling tools i.e SWMM on line and understand some of the key concepts for hydrological and hydrodynamic modelling.

To access the web-modelling the participants need to click in the Web-Modelling exercises link and then follow the instruction on the screen.



2.1 Open course ware Platform

The PEARL e-learning module is hosted in the Open courseware platform of UNESCO-IHE where a number of online courses and material is also freely available for the general public. <http://ocw.unesco-ihe.org/>. Participants can browse and find the PEARL e-learning module.

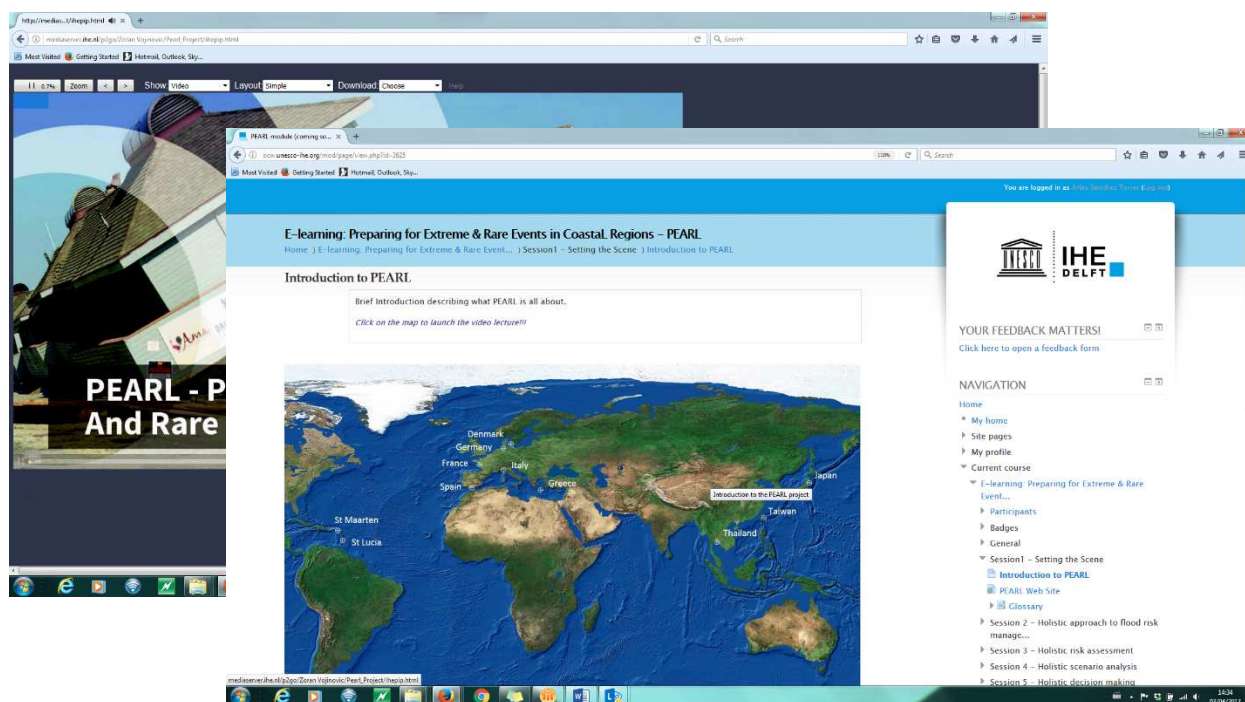


Figure 1 PEARL e-learning module content

3 Success indicators and conclusions

The on line e learning module is monitored automatically by using Google statistics. Figure 2 shows the number of visits and activity since the launch of the e-learning module in April 2016 until November 2016.

Even though Deliverable D7.2 was launched in 2016 it is update when new material from the partners is available or the existing material is updated. Figure 3 show the number of visits per country to the on line course.

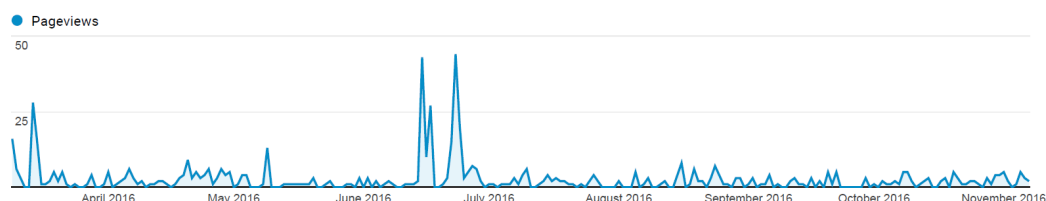


Figure 2 PEARL e-learning activity (Apr – Nov 2016)

Country	Pageviews
	638 % of Total: 1.26% (50,528)
1. Netherlands	197 (30.88%)
2. Panama	43 (6.74%)
3. United Kingdom	34 (5.33%)
4. Belgium	27 (4.23%)
5. Colombia	23 (3.61%)
6. Spain	19 (2.98%)
7. France	18 (2.82%)
8. United States	17 (2.66%)
9. Germany	16 (2.51%)
10. Poland	16 (2.51%)

Figure 3 PEARL e-learning module hits by country (Apr-Nov 2016)

The following conclusions can be made based on the given results for D 7.2:

- The total number of website visitors is > 600 (after 8 months), this is a good number and is even larger than the expected target for the website of the project alone. This number exceeds the envisaged goal of 500 visitors.
- Website visitors are primarily coming from the Western World; secondly from ;Latin America..
- More emphasis will be put on strengthen the content of the module. The number of visitors show the demand for the PEARL products, approaches and tools.

