

Virtual mobility in practice: the VMCOLAB project

Bas Bergervoet (KU Leuven) - ELIES Conference, Porto - 26-11-2014



'European Co-Laboratory for the Integration of Virtual Mobility in Higher Education Innovation and Modernisation Strategies'

Duration: 1 October 2012 – 31 January 2015

Partners:

KU Leuven (BE)

EFQUEL (BE)

Coimbra Group (BE)

University of Padova (IT)

University of Porto (PT)

Vytautas Magnus University (LT)

University of Granada (ES)

United Nations University (DE)

University Politehnica of Bucharest (RO)

Funded by the European Commission under the Lifelong Learning Programme





Project aims

"contribute to the innovation and internationalisation of European Higher Education Institutions by exploiting the full potential of ICT and Virtual Mobility and broadening the access to an international learning experience for all European students"

"develop support materials and services for those wanting to engage in virtual mobility experiences"



VM definition

"set of information and communications technology supported activities, organized at institutional level, that realize or facilitate international, collaborative experiences in a context of teaching and/or learning"



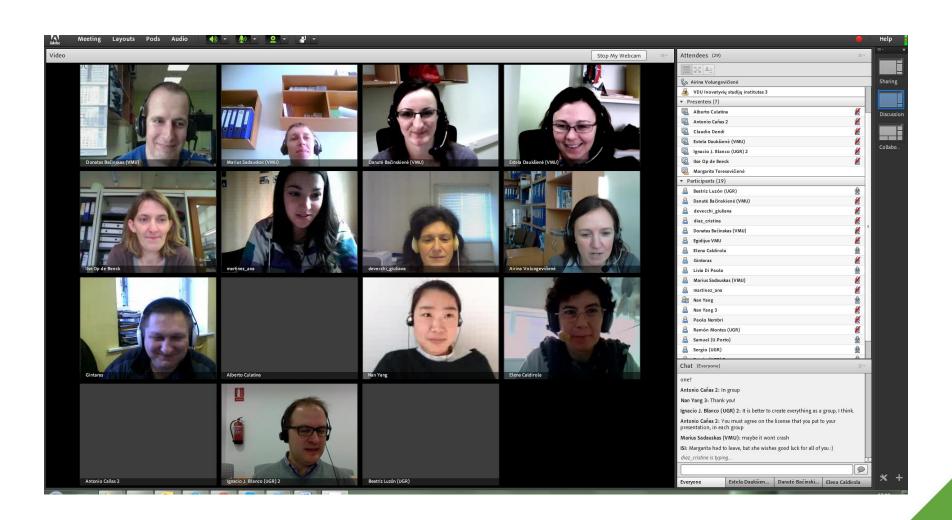
VM definition in normal words ©



"Learning and working together online with a group of international students and teachers"

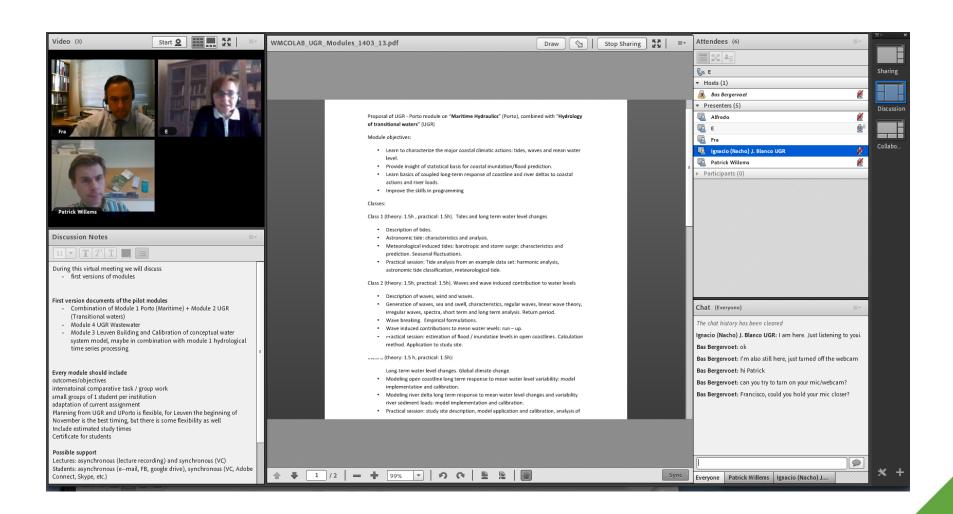


Student VM in action





Teacher VM in action





Objectives/Results

- Quality Assurance handbook for Virtual Mobility
- Virtual Mobility Integration Kit
- **Institutional Awareness** Seminars
- 'Virtual4Me' website for students: virtual4me.vmcolab.eu
- Policy recommendations & policy event
- And..... Pilots!



Frequently Asked Questions

Use our FAQ section to learn the basics about virtual mobility, and to find out how VM experiences work in practice. Use the form to submit your own questions to our experts and get them answered!



Alumni Testimonials

Read or hear about the experiences of students who have already been virtually



Discussion Boards

Use our forum to prepare for your VM experience, discuss experiences with



Hear it from the experts!

Listen to the interviews on virtual mobility with Wim Van Petegern and Claudio





- Pilot on Open Educational Resources, led by Vytautas Magnus University
- Pilot on Water Management, led by KU Leuven
- Pilot on Career Service Staff Training, led by University of Padova
- --> Piloting guidelines & training course



Course overview

VM Course on water management: time series analysis and modelling

- Module 1: Hydrological time series processing and conceptual rainfall-runoff modelling
 Prof. P. Willems – KU Leuven (Belgium)
- Module 2: Introduction to surface water quality modelling

Prof. F. Rueda – University of Granada (Spain)

 Module 3: Introduction to maritime hydraulics and hydrology of transitional waters

Prof. Francisco Taveira Pinto – University of Porto (Portugal)

Prof. E.Sánchez-Badorrey – University of Granada (Spain)



Course overview

VM Course on water management: time series analysis and modelling

 Module 3: Introduction to maritime hydraulics and hydrology of transitional waters

Prof. Francisco Taveira Pinto – University of Porto (Portugal)

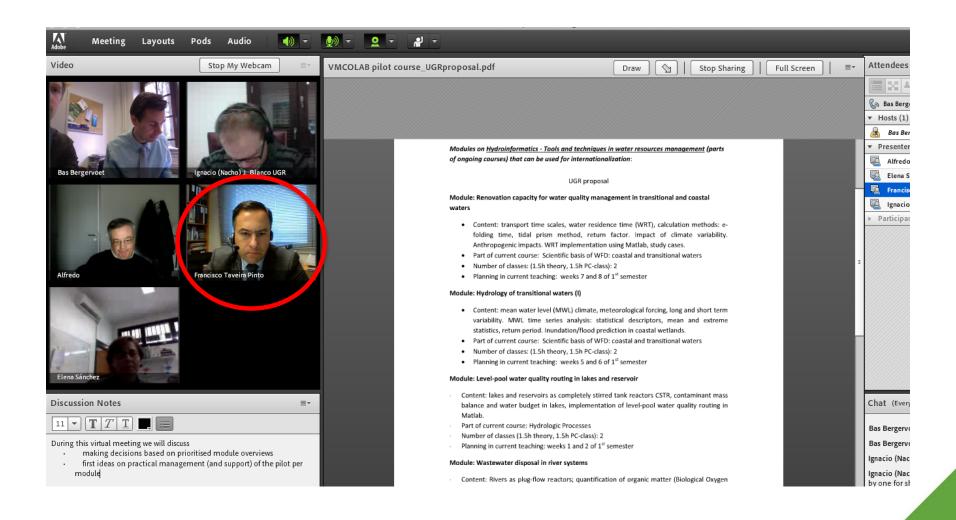
- Wave generation, propagation and transformation on oceans to shore;
- Regular and irregular waves (Prof. Paulo Santos);
- Methods for defining coastal inundation levels (Dr. Raquel Silva).

Prof. Elena Sánchez - Badorrey - University of Granada (Spain)

- Tide generation and water level changes;
- Long-term mean water level change due to climate change.



VM in action





- Partners: UGR; KU Leuven; UP/FEUP;
- I have been involved in this pilot for the last 11 months;
- Goal: setup of a virtual course related to water management;
- Contents were defined after a few iterations;
- No ECTS attributed to FEUP students;
- VMCOLAB in parallel with normal classes: extra work with other lectures, exams, assignments;



- Academic year at FEUP started in middle September;
- Students were contacted a little bit later (I am on sabbatical leave...);
- Topic was considered interesting for the students (4 said yes, but only 3 were selected – last year of MIEC)...;



- There's some lack of time available for the course, but I think they are keen to do and finish it;
- Technical problems: not reported;
- Better communication between students of different Universities – to improve;
- More time for assignments/course;
- FEUP: PPT in English to prepare on time...

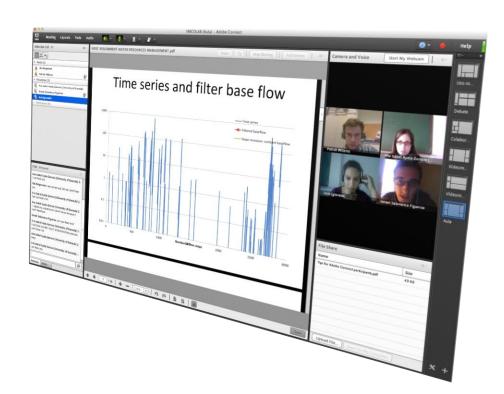


- Good opportunity to prepare new teaching material;
- Good opportunity to interact with other universities;
- Good opportunity to exchange datasets;
- Good opportunity to involve other teachers;
- Good opportunity to use new teaching tools.



Tips for starting a VM Course

- Use existing networks
- Use an international comparative approach
- What <u>needs</u> to be done synchronously, what <u>can</u> be done asynchronously?
- Check your local support
- Familiarize yourself with the chosen tools
- Define clear roles and tasks amongst involved staff
- Planning is everything!





More information

VMCOLAB project website www.vmcolab.eu

Virtual4Me website (for students) virtual4me.vmcolab.eu