



UNITED NATIONS UNIVERSITY

Institute for Environment &
Human Security (UNU-EHS)
Bonn, Germany

UNU
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Dr. Jörg Szarzynski, Dr. Erick Tambo,
Dr. Fajar Lubis

EduSphere

*Higher Education &
Capacity Development*



Second International TWIN-SEA Workshop on
***“Climate and Societal Change in Coastal Areas in
Indonesia and South East Asia”***



State of the Art, Workshop Expectations, and Future Perspectives Related to E-Learning

GEDUNG PDII LIPI
Jl. Jend. Gatot Subroto 10, Jakarta,
Indonesia, March 23-24, 2015

Organized by:



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Agenda

- Summary of eLearning activities from first workshop
- State of the Art
- Workshop expectations
- Activities after the workshop
- Perspectives and the way ahead

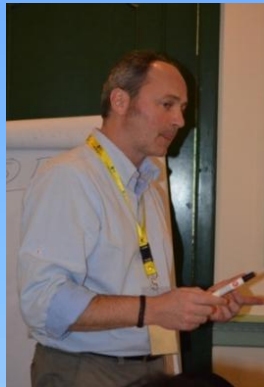
Summary of eLearning activities during the first workshop in 2014



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Gabriel David (FI UNI Hannover)



Joerg Szarzynski
(UNU-EHS)



R. Fajar Lubis (LIPI)



Erick Tambo (UNU)



Syarifah Dalimunte (LIPI)



Riasasi Widiyana (UGM)



Jakob Rhyner (UNU-EHS)



Velly A (BPPT)



Rae Sita (LIPI)



Faizal
Rachman
(UGM)

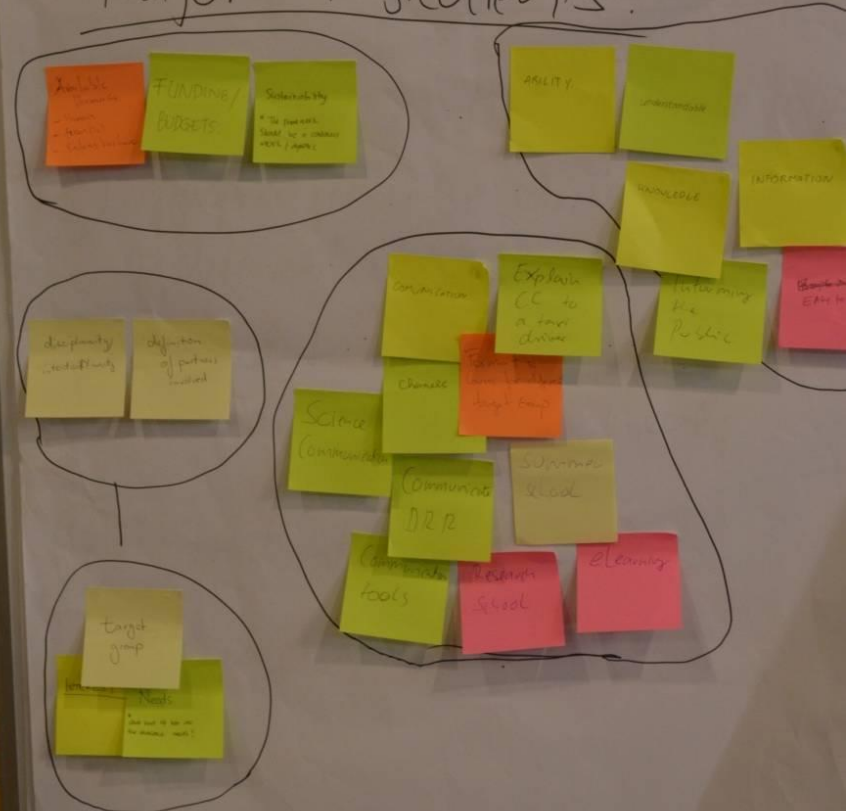
Summary of eLearning activities during the first workshop in 2014

Brainstorming: Major Ingredients for an educational framework.

- Resources
- Information / Knowledge / Knowledge Transfer
- Interdisciplinary Group (transmitting)
- Target Group (receiving)
- Communication Tools

② Educational Framework:

Major ingredients:



Summary of eLearning activities during the first workshop in 2014

“open” framework, which can be adapted for every expert to contribute

Framework elements:

1. research school
2. short courses / summer school
3. exchange programs
4. (international) internship
5. e-learning/technology-enhanced learning
6. joint degree program
7. Action based learning, field lab experience

⑤ The framework

- Research school
- Short course / Summer school
- exchange programmes
- internships (
- eLearning / technology enhanced learning
 - ⊕ joint degree programme
 - ⊕ action-based learning — field labs

E-Learning:

1. platform
3. internet connections
4. technical devices
5. human resources
6. financial resources
7. training capacities
8. formats (e-resources):
 - a. e-lectures
 - b. webinars
 - c. offline database (CD, USB-Stick, etc.)
 - d. podcasts, community radio and TV shows
 - e. mobile learning

Finally: Quality assurance (ECB-Check etc.)

Structural establishment

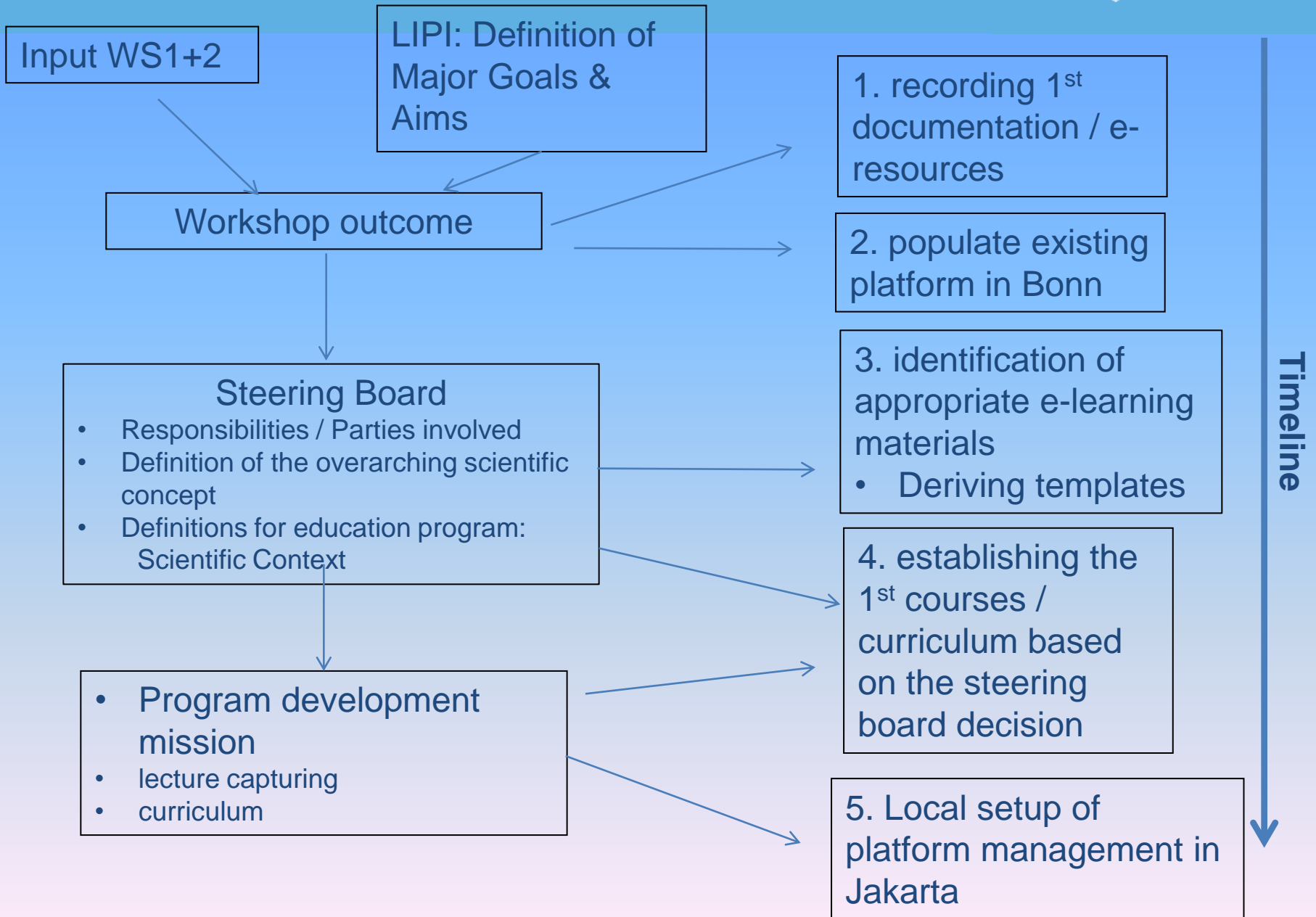


Photo documentation during the first workshop in 2014



Photo documentation during the first workshop in 2014



Photo documentation during the first workshop in 2014



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State of the Art

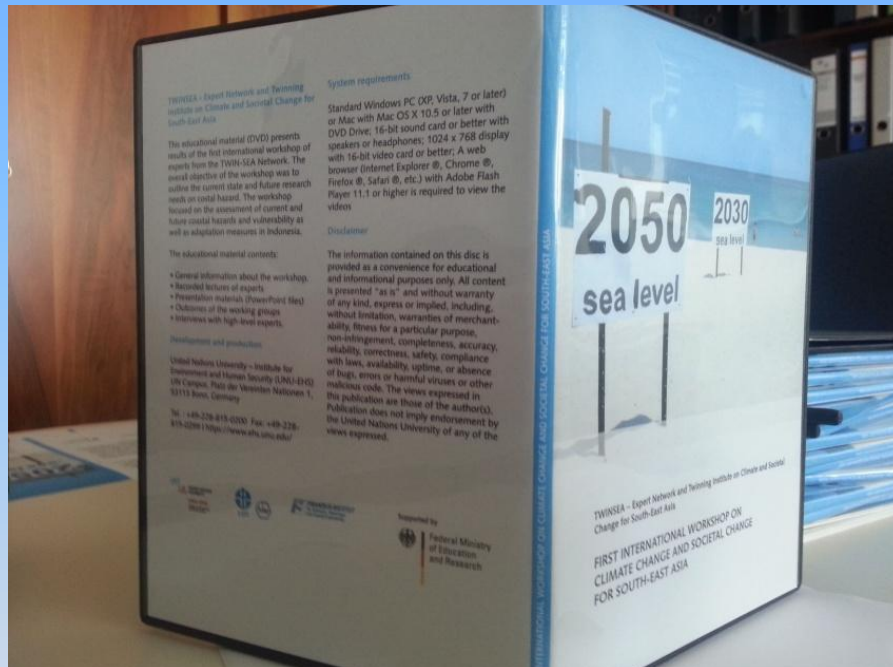
Recorded lectures and videos



- 19 Inputs/lectures from experts of TWIN SEA recorded, processed and published on the social media channel and Virtual space of the project
- 12 interviews from experts recorded, processed and published
- Short videos, photos collections from case studies respectively field visits

State of the Art

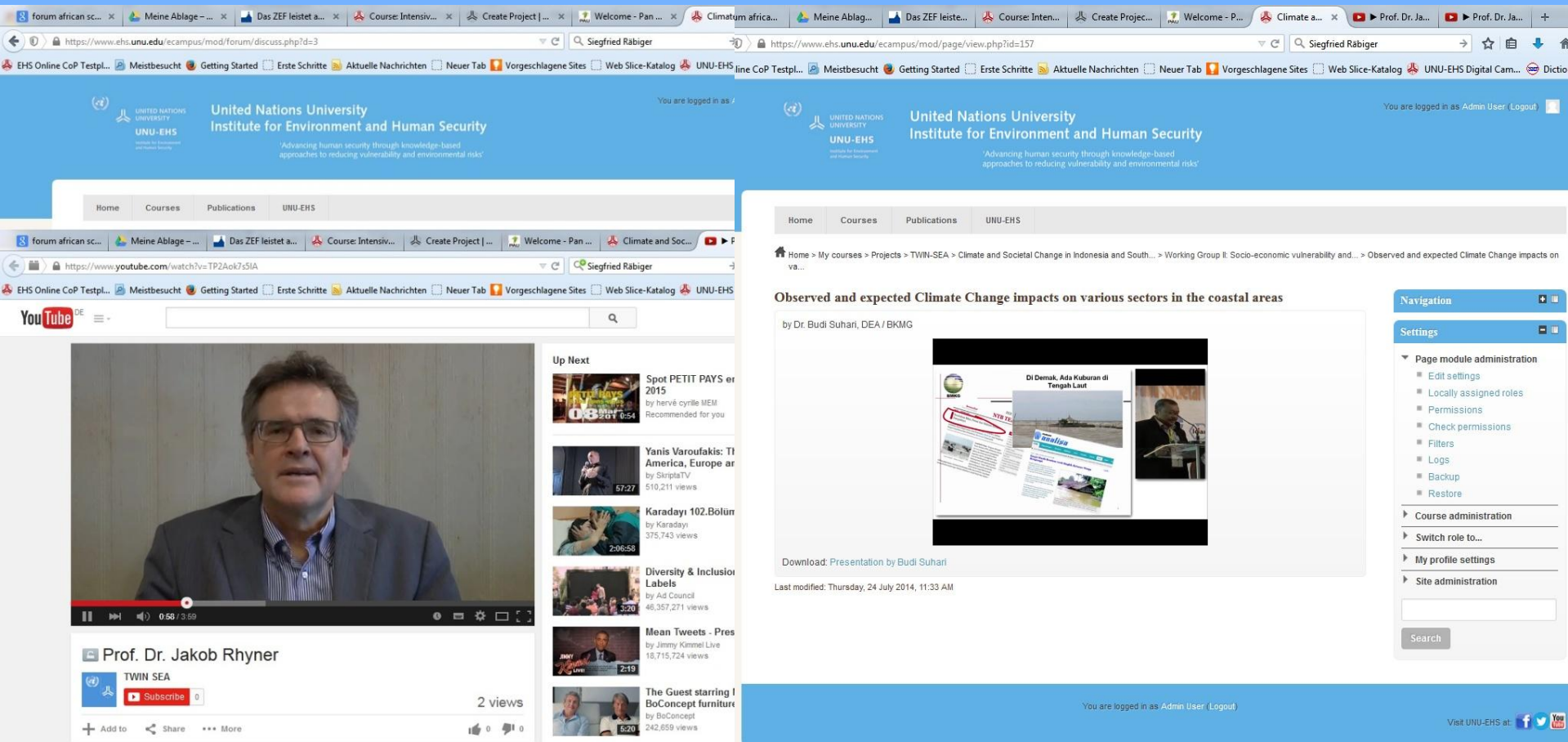
Educational resources for offline purposes



- Educational DVD with content (lectures, interview, pictures) from the workshop in Indonesia

State of the Art

Recorded lectures and videos

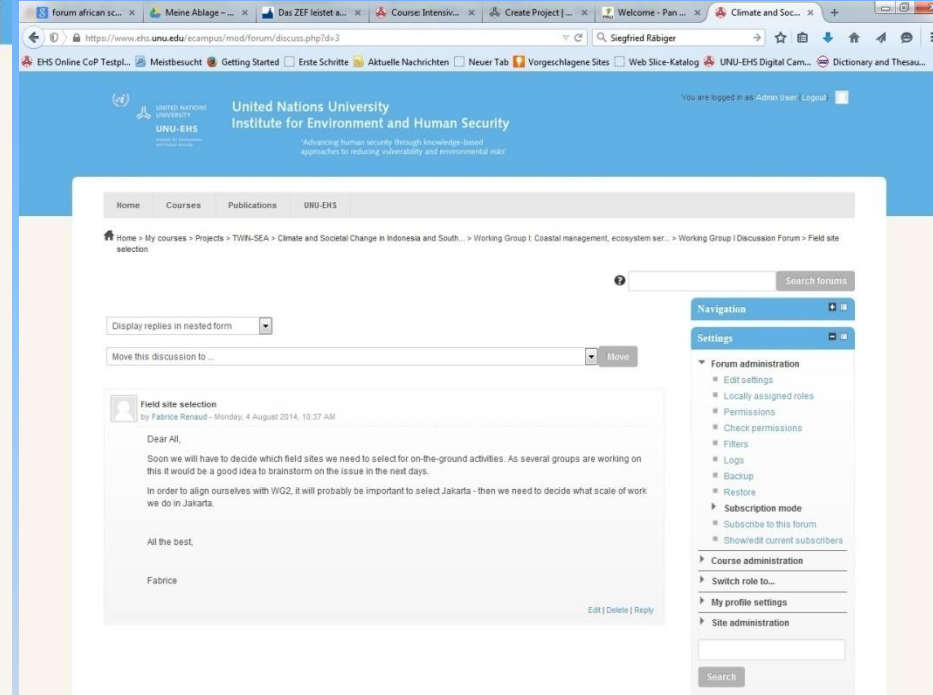
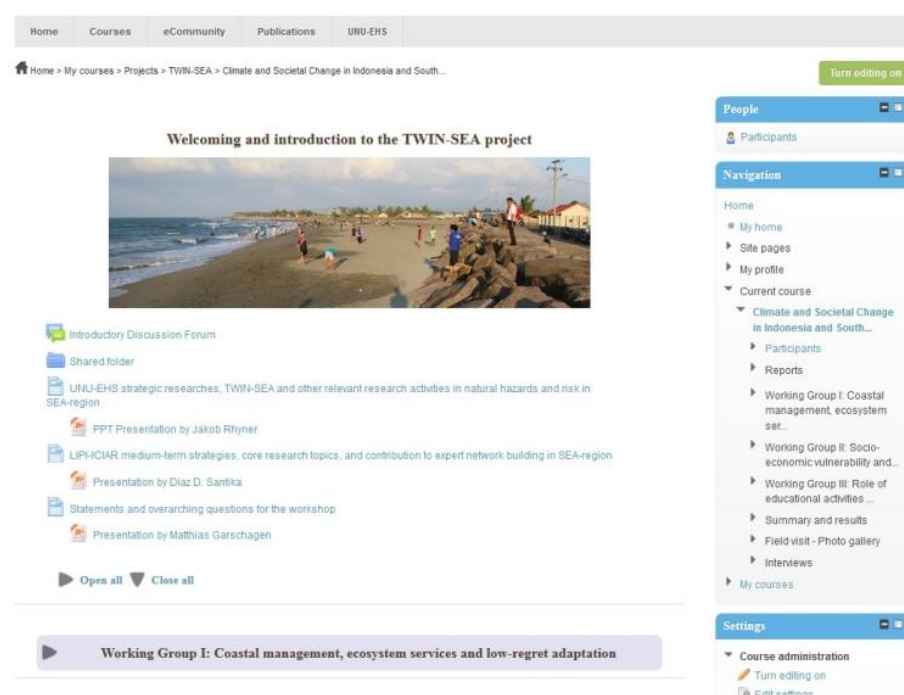


The screenshot displays a web browser with multiple tabs open. The active tab shows the UNU-EHS website, which includes a navigation menu (Home, Courses, Publications, UNU-EHS) and a header with the organization's name and mission statement: "Advancing human security through knowledge-based approaches to reducing vulnerability and environmental risks". Below the header, there is a section titled "Observed and expected Climate Change impacts on various sectors in the coastal areas" by Dr. Budi Suhari, DEA / BKMKG. This section features a video player showing a presentation slide with the title "Di Demak, Ada Kuburan di Tengah Laut" and a photo of a man speaking. The video player also shows the video title "Observed and expected Climate Change impacts on various sectors in the coastal areas" and the author "by Dr. Budi Suhari, DEA / BKMKG". The video player has a progress bar and a download button. To the right of the video player, there is a sidebar with a "Navigation" section and a "Settings" section. The "Navigation" section includes links to "Page module administration", "Course administration", "Switch role to...", "My profile settings", and "Site administration". The "Settings" section includes links to "Edit settings", "Locally assigned roles", "Permissions", "Check permissions", "Filters", "Logs", "Backup", and "Restore". The bottom of the browser window shows the user is logged in as "Admin User" and has a "Logout" button.

• Social media channel (youtube) • Virtual space of the project

State of the Art

Digital environment for online activities



- Virtual space with content (lectures, interview, pictures) from the first workshop in Indonesia
- Setting up of tools to support interaction, communication and collaborative work
- <https://www.ehs.unu.edu/ecampus/course/view.php?id=16>

Workshop Expectation

- Further recording of input/lectures of experts to support educational activities of the project
- Establishment of joint steering board to manage educational/eLearning activities
- Definition of overarching goals and the context of educational materials

Activities after the workshop

- Processing and publishing of recorded lectures/interviews on the Social Media Channel and the Virtual Space of the project
- Further development/configuration of digital learning environment to support online activities
- Production of an educational DVD of the second workshop

Perspective, Outlook

- Design of eCourses based on existing resources to support educational activities (training of local government, master, etc.)
- Training of LIPI staff with regard to elearning methodologies and platform design / programming
- Migration of results (Infrastructure and content) to LIPI
- Organization of joint virtual events (Webinars series, virtual lectures, etc.)

Higher Education @ UNU-EHS



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Face 2 Face

Class room



Online Environment

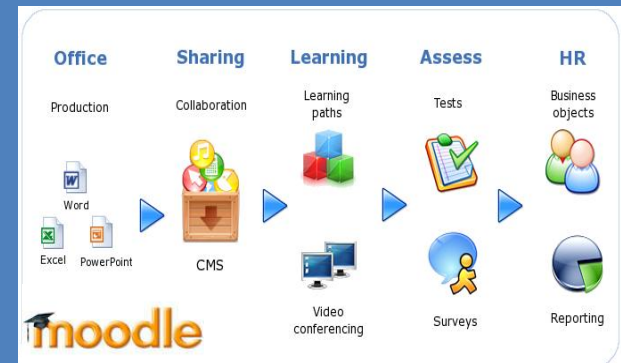
Portal – Social
Network



Web Conference System



Learning Management
System



Conceptualization of eLearning Modules related to UNU-EHS



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1

EHS Scientific Sections Content



Where the Rain Falls

2

EGECHS eLearning Support



3

EHS - eLearning resources

Content Package



Open Standard
Conform



4

Context of Use

Block Course

Summer
Academy

Master

Shared
Repository

eSeminar

Open Lectures

...

Digital Learning Environment @ EHS



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Home EHS Online CoP E-Library Media Portal UNU-EHS

Home ► Courses ► PhD Block Course

Navigation

- Home
- Site pages
- Courses
 - UNU Scientific Sections
 - PhD Block Course**
 - Bonn
 - South Africa
 - Summer Academy
 - Social Vulnerability
 - Projects
 - Rain falls
 - CATALYST
 - PEDRR
 - APRA
 - Visiting Scientists

PhD Block Course

The PhD and imp based o

- Env
- Pro
- Me
- Int
- Me

The PhD start th geograp related

PhD Block Course

Ecosystems, Livelihoods and Disaster Risk Reduction Workshop

Bonn, Germany, 21-23 September 2010

Fabrice Renaud
Director a.i.
Head of Environmental Vulnerability & Energy Security Section Bonn, Germany

PEDRR
Partnership for Environment and Disaster Risk Reduction

Attendees (5):
My Status: Active
Chetan Gandhi
Hiroshi Kikumoto
Mark Noble

Chetan Gandhi: Hello everyone, welcome to the PhD Block Course. Today we will discuss the topic of Ecosystems, Livelihoods and Disaster Risk Reduction. The workshop is held in Bonn, Germany, from 21-23 September 2010. The workshop is organized by Fabrice Renaud, Director a.i. of the Environmental Vulnerability & Energy Security Section. The workshop is a virtual meeting with great HD quality.

Share | Stop Sharing | Full Screen | Exit

Vidyo Call from Chetan Gandhi

John L. Usher
Chetan Gandhi

- **Management and delivery of educational resources;** Support of educational programs, processes and projects
- Support of **communication and interactions with LIPI-ICIAR** (Webinars, virtual lectures/seminar involving actors in LIPI and EHS)
- **Support the networking and interaction within the EHS Online CoP** (students, alumni, affiliated researchers, partners, etc)

Open Education and Quality Assurance



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European Foundation for Quality in E-Learning

openED

Designing for participatory learning in open educational environments

... under patronage of
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feb 2.0

User Login

Username

Password

☐ Remember me

Login

Forgot login?

No account yet? Register

Currently Online

andreasmessner

Nickamen

Who is chatting now

1 User Online

Latest Forum Posts

Re: So let's give this greet & meet thread a shot
Pascale266

29.10.2010 12:13

Re: So let's give this greet & meet thread a shot
Jamesaczel

180 hours for academic AND professional strand

<http://www.open-ed.eu/>

ECB CHECK

This is to certify that

UNITED NATIONS UNIVERSITY - MERIT

with its program

**THE OPENED COURSE: BUSINESS AND
MANAGEMENT COMPETENCIES IN A
WEB 2.0 WORLD**

has been awarded the
Open ECBCheck Certification 2011!

The program is compliant to the criteria of the 2011 international Open ECBCheck Standards. The certification will be valid until December 2014.

Berlin, Germany
Date 30. November 2011

Prof. Dr. Ulf-Daniel Ehlers
Vice-President European
Foundation for Quality in E-
Learning

Monika Soddemann
Deutsche Gesellschaft für
Internationale Zusammenarbeit
(GIZ) GmbH

CERTIFICATE

www.ecb-check.org

Thank you – Terimah Kasih

