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ERASMUS+: Higher Education – International Capacity Building

Environmental Protection in Central Asia (EPCA): Disaster Risk Management with spatial methods

Vilnius, Lithuania, 4 – 7 March 2019

2019-03-04

- The project website and the translation of the website to Uzbek, Kyrgyz and Russian languages were discussed. The website has already been translated to Uzbek. Translation to Kyrgyz and Russian is ongoing. By March 15, all translations will be sent to Eimuntas. The website in multiple languages will be launched by the end of March.
- iMSEP has been developed. Ali presented the system. It was decided that all partner universities sign up to the system, work with it and report possible bugs and errors. They will also give comments for the improvement. The system is very user-friendly with main GIS functionalities needed for environmental protection and disaster risk management in Uzbekistan and Kyrgyzstan. It is considerably more advanced than existing Web GIS systems.

2019-03-05

- Progress of individual courses were reviewed in detail. Each course coordinator presented his/her course. The existing gaps were identified. It was planned to fix the gaps within maximum two weeks. Below are summaries of the reports:

GIS & RS for Environmental Protection

Lectures

5 minutes video will be added by Marinos as introducing the course.

Week 1

All lecture notes and power point presentations are ready.

- 1.1. 16 minutes video is ready
- 1.2. 6 minutes video is ready
- 1.3. no video is needed

Week 2

- 2.1. 10 minute video is ready
 - 2.2. 5 minutes video is ready
 - 2.3. 10 minutes video will be produced by Eimuntas
- Lecture on coordinate systems: is ready will be uploaded
- 2.4. 6 minutes video will be produced by Elini
 - 2.5. 9 minutes video is ready
 - 2.6. 38 minutes audio is ready



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Week 3

- 2.7. 11 minutes video ready
- 2.8. 10 minutes will be recorded by Margareta
- 3. 20 minutes video will be recorded together with the disaster management course

Week 4

- 4.1. 10 minutes video will be recorded by Murod
- 4.2. 11 minutes video is ready
- 4.3. 10 minutes will be recorded by Murod
Lecture on 4.3 Ecological risk assessment: will be ready in 2 weeks
- 4.4. 10 minutes video will be recorded by Muzaffar and I.AKSO
- 4.5. 5 minutes video is ready

Week 5

- 4.6. 6 minutes video is ready
- 4.7. no video is needed
- 4.8. no video is needed
- 4.9. 10 minutes will be recorded by Murod
- 4.10. either 10 minutes video or text lecture will be prepared by NTUA

Exercises

Exercise on coordinate system and map projection: will be ready by Eimuntas in 2 weeks

Exercise on requirement analysis: will be ready in 2 weeks

Exercise on landuse change and management: ready

Exercise on Ecological risk assessment: It is sent to Marinos

Exercise on Drainage system: IAKSU has uploaded to moodle. Marinos checks if it is OK

Exercise on the use of remote sensing change detection approach: Micael is working on that. Will be ready in 2 weeks

Exercise on use of passive surface moisture estimation: is developing by David. Will be ready in 1.5 weeks.

Seminars and project

Week 1

Seminar relevant to institutions in the respective .../ identify the data: Muzaffar and Morad record 1 hour discussion based on requirement analysis – they also prepare reading materials from papers, etc. also find interesting video about environmental problems in CA from You tube (3 hours).

Week 1

Seminar on the Introduction to iMSEP: LU (Petter/Ali) prepare a Video (video lecture, interview with students): will be ready in 4 week.



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Week 4

VG TU prepares How to carry out the project (how to do the work, how to write the report, how many pages, etc.).

Week 5

Seminar on environmental applications and solutions worldwide: VG TU will do in 2 weeks

Week 5

Project, Selection of project topics: A list of Max 2 topics will be prepared by IAKSU and UrSU.

GIS and RS for Disaster Risk Management

Lectures

5 minutes video lecture introducing the course

Week 1

- 1.1. Ruslan records a video in 2 weeks
- 1.2. 10 minutes video is ready
- 1.3. 5 minutes video is ready
- 1.4. Eimuntas will record a video within 2 weeks
- 1.5. no video is needed
- 1.6. 9 minutes video is ready
- 1.7. 20 minutes audio is ready

Week 2

2 x 10 minutes lectures will be recorded by VG TU within 2 weeks

Week 3

40 minutes of audio recording is ready

Week 4

- 4.1. video is ready
- 4.2. 10 minutes video recording will be done by NTUA

Week 5

- 5.1. 10 minutes video will be recorded within 2 weeks by Damira



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5.2. 10 minutes video will be recorded within 2 weeks by Ruslan

5.3. 8 minutes video is ready

Weeks 6

6.1. no recording is needed

6.2. 10 minutes video will be recorded by Damira

6.3. no video is needed

Week 7

7.1. 10 minutes video is ready

7.2. no recording is needed.

7.3. 14 minutes video is ready

Exercises

Week 1

6 and 7 will be ready by Gulshan in 2 weeks.

Week 2

Everything is ready

Week 3

All ready

Week 4

All is ready

Week 5

1 and 2: Ali sends email to Antonio. He has to deliver in 2 weeks

Week 6

All is ready

Week 7

3. will be ready within 2 weeks



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Exams

Each partner will develop 5 – 10 questions related to the theoretical parts that they have developed including answers to questions.

Spatial Data Infrastructures for Environmental Protection and Disaster Risk Management

A skype meeting was hold by Jorge. The progress of the course is not good. Jorge will prepare a detailed report about the gaps and the helps he needs from partner universities. Detailed decisions will be made tomorrow.

- Internal evaluation: By 1st of April Internal evaluation will be made by Course coordinates and all partner institutions. Course coordinators will gather all the comments to be used for improving the quality of the materials. The course coordinators report internal evaluation to the SC for decision-making.
- Working groups on course development held meetings to make detailed arrangement for producing the remaining materials.

2019-03-06

The Steering Committee meeting was held and the following decisions were made:

- Next meetings
 - o Merge meetings in CA in order to improve the quality and efficiency
 - o Meetings in Uzbekistan: 9-15 Sep 2019
 - o Meetings in Kyrgyzstan: 25-31 May 2020
- Translation of the courses
 - o We translate video lectures and power point presentations. We keep lectures notes and exercises in English. It is expected that master students can read and understand English.
 - o Translation takes place in May (1-30 May). So all course materials must be ready by that date.
- Pilot students
 - o 12 students will evaluate the courses. It will take place 1 May – 30 June, 2019.
 - o Consider gender balance, while selecting students.
 - o Ali prepares a template for the evaluation.
 - o Each EU partner introduce 1 student (NTUA F, MU M, LU F, VGTU M).
 - o Each CA partner introduces 2 students
 - o Pilot students will be selected by 15 April, 2019.
 - o LU sets up AC for pilot students to use.
- Website
 - o By March 15, all translations will be sent to Eimuntas.
 - o The website in multiple languages will be launched by the end of March.
- Equipment
 - o Uzbek partners have purchased all equipment.
 - o Kyrgyz partners start tendering.
 - o In 2 months from now, when we receive the second payment from EU, Kyrgyz partners start purchasing.
- SDI course
 - o The course was reviewed in details. Jorge promised to make it ready by March 22, 2019.
 - o UML was excluded from the syllabus.