



Athens, Greece, 15-17 April, 2019

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## Monday, 15 April 2019

### Participants: all partners according to the List

- Ali, coordinator of the project, opened the meeting by welcoming the participants and reviewing the agenda of the meeting.
- Marinos, from NTUA and host of the meeting, welcomed the participants and gave information about practical arrangements of the meeting.
- Prof. Doulamis from NTUA gave a lecture about spatial analysis and the environment
- Prof. Tsihrintzis from NTUA gave a lecture about Environmental Management, Assessment of Natural Hazards and Proactive Planning.
- These two lectures were very beneficial for the participants to get idea on how spatial approaches can improve environmental management. Such understanding facilitates discussions for the design and the development of the courses.
- Ara and Jalal presented the results of the requirements analysis in Iran and Yemen.
- Ara will merge the reports from two countries and will create a final report for publishing in the project website. Deadline May 15, 2019.
- The report was discussed in order to get better idea about the needs, limitations, challenges, strengths and opportunities in Iran and Yemen, to be considered for the development of the courses.
- It was decided that the courses to be developed based on Open source software solutions.

## Tuesday, 16 April 2019

### Participants: all partners according to the List

- This day concentrated on designing the courses.
- According to the report of the requirements analysis, the main target groups including MSc students in environmental management and stakeholders do not have enough technical background in GIS and RS. So it decided that all courses should have a core module, 2 weeks, consisting of introduction to GIS and introduction to RS.
- Three working groups lead by NTUA, UL, and VGTU were created.
- In a group-working/reporting/coordination approach, four iterations, the courses were designed.
- Each course is 10ECTS = 7 weeks.
- The courses have been designed and will be developed based on student- centered approach.
- The focus of the courses on environmental management issues were decided to be as:
  - o Environmental change monitoring (monitoring of past-now)
  - o Environmental impact assessment (now-future impacts of activities)



- SDI and collaborative environmental management (data sharing for proper decision-making)
- Tasks for course development were divided between the partners.
- All partners have equal responsibilities and contribution in the development of the courses.

## Wednesday, 17 April 2019

### Participants: all partners according to the List

- Steering Committee meeting was held.
- Issues for transferring money to Iran and Yemen were explained by Ali. Solutions which have been found were also explained
- Dissemination:
  - Website: Malika presented the project website and received comments. The website will be operational by latest May 10, 2019.
  - All project information will be published on the website. The project has a policy of transparency.
  - Ali visits Iran May 20-24, 2019 for disseminating the project aims and objectives. The travel will be funded by Lund University.
- Data for exercises:
  - By the end of the May, 2019, all course coordinators will inform Ara and Jalal about the data they need from the Middle East for the development of the courses.
  - Ara and Jalal will find/collect data and deliver to the course developers by the end of June.
  - If Ara and Jalal could not provide the data, then existing data from e.g. Europe will be used for the development of the courses. We do not delay course development, due to lack of data. Iranian and Yemeni partners can replace ME data later.
  - All the communication should be done by course coordinators with Ara and Jalal (ME representatives).
  - Ara and Jalal should also provide a minimum set of metadata.
- Meeting in Paris:
  - The meeting is scheduled for 28-30 August 2019. Wednesday (at least half day), Thursday (full days), Friday (at least half day) will be the working days.
  - The purpose of the meeting is to report the progress of course development as well as make further face-to-face arrangements for the development of the courses.
  - 40% progress in course development is expected, when we meet in Paris.
  - If partners need invitation letter, they should send their information to Pascal.
  - Pascal will send us some information about suggested hotels and the venue of the meeting.