Analysis, Design and Modelling of IS –
Assignment: Questions for the readings

Prior to the course lectures, seminars and workshops, April 17-20, we wish the course participants to read some literature regarding Systems Thinking and Systems Methodologies and answer the following questions. It is in total ten questions, which will enable a fundamental understanding of the included methodologies and hence enable easier following the course process. The course will have a workshop approach with practical work and learning activities rather than traditional lectures.


1. What is meant by “systems approaches” according to the authors? (app. 100 words)

2. What is the aim of these systems approaches? (app. 100 words)


http://dx.doi.org/10.1080/03081079.2011.571437

See also: https://www.youtube.com/watch?v=XA2i1n-o9L0

3. Concerning Soft Systems Methodology (SSM): (app. 200 words)
   a. What is Soft Systems Methodology (SSM)
   b. What could it be used for?

4. Concerning ”Rich Pictures”: (app. 200 words)
   a. What is it?
   b. Why should these be developed and used?

5. Concerning ”CATWOE”: (app. 200 words)
   a. What is it?
   b. Why should these be developed and used?
6. Concerning the "PQR” formula: (app. 100 words)
   a. What is it?
   b. Why should these be developed and used?

7. Concerning "Conceptual Model” / "activity model” / “activity specification” (different terms for the same construct): (app. 200 words)
   a. What is it?
   b. Why should these be developed and used?

8. What essential SSM elements activate participatory design? (app. 100 words)


9. Concerning Informed Systems: (app. 200 words)
   a. What is it according to the author?
   b. What are its essential elements?
   c. What are its practical outcomes?


10. Concerning Participatory Action Research: (app. 200 words)
    a. What are the main features of Participatory Action Research?
    b. When should it be used?
    c. How would you determine what kinds of data to gather and how to gather it within a Participatory Action Research framework?

Submit your answers to these questions in the Moodle Submission folder “Submission of literature assignment” before April 17, 9.00 am.

Feedback to responses will be provided during the class meetings and individually in the Moodle submission folder.