MareFrame

WP7: Synthesis and training development

Final meeting, December 12, 2017 Brussels

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Objectives with WP7

- **Compare and evaluate the developed ecosystem based models and the decision support system with respect to their suitability to predict ecosystem changes in the regional case studies investigated in the project, and their capability to improve marine policies**

- **Assess socio-economic impacts and propose how a new integrated EAFM can be implemented in Europe.**

- **Develop an interactive learning tool to facilitate the implementation of EAFM.**

Objectives of WP7

- **<u>Assessment of present institutional structures</u> for marine policy-making and associated advice input.**
  - **D7.1 submitted in M24 (approved delay of 12M)**
- **<u>Analyse</u> case studies <u>by comparing</u> and <u>evaluating</u> the developed ecosystem based models (task 7.2)**
  - **D7.2: Submitted on time (M36)**
  - **Revisions made during spring 2017**
- **<u>Evaluate</u> feasibility of Decision Support Framework Task 7.3)**
  - **D7.5: Submitted on time (M40)**
- **<u>Assess</u> the Socio-Economic impacts (task 7.4)**
  - **D7.6: Submitted on time (M42)**
- **<u>Develop</u> interactive learning tools in order to (task 7.5)**
  - **D7.3: Submitted on time (M36)**
- **<u>Propose</u> road map how to implement (task 7.6)**
  - **D7.7 submitted in M47 (approved delay of 2M)**
- **<u>Consolidating project output</u> as learning material in a learning content management system (Task 7.7)**
  - **D7.4: Submitted on time (M36)**

Main challenges

- **Starting from scratch to develop a methodology for comparing different models in different CS**
- **Lack of social data (the economic data is more obtainable)**
- **Involving stakeholders in weighting & scoring the SEIA for the CS (difficult timing – avoidance of stakeholder fatigue)**
- **Better communication between modellers and socio-economists for improving the data collection (lesson learnt from Syntesa at least ☺**
- **Visualisation matters in training tools!!! (budget and time did not allow for optimal DSS training tool solution)**

Legacy – What now?

What are the most significant results of the project and how to make sure they will be exploited after the project end?

- Methodology for comparing models and assessing DSF
- Methodology for SEIA
- Road map
- Training tool v1.0
- Web based training material
- FARMAR – the Green Model applied in the Faroe Islands in combination with SEIA

WP7: Publications

[DK] Raakjær, J., Ramirez, P., Nielsen, K.,Ballesteros M., Santiago, J.L., Laksá, U., Gregersen O. 2015 Institutional challenges for policy-making and fisheries advise to move to a full EAFM. Journal Manuscript

[ISI] Jonsdottir, A. H., Jakobsdottir, A. and Stefansson, G. 2014. Development and use of an adaptive learning environment to research on-line study behavior. Journal of Educational Technology & Society (In press).

[ISI] Jonsdottir, A.H., Bjornsdottir, A. & Stefansson, G. (2014). Difference in learning among students doing pen-and-paper homework compared to web-based homework. Submitted to the International Journal of Science and Mathematics Education.

[ISI] Desjardins, C. D., Jonsdottir, A. H. and Stefansson, G. 2014. Enhanced Learning Through an Open-Access Content and Drill System (in prep). [CP] Lentin, J., Jonsdottir, A.H., Stern, D., Mokua V. and Stefansson, G. 2014. A mobile web for enhancing statistics and mathematics education. First presented at icots9. See http://arxiv.org/abs/1406.5004 (to be submitted to ISI journal)