Web-based course and workshop in
"Project Scoping with AI Assistance"
(using conceptual case-study modeling)
Univ. Gothenburg, Sweden
8 April –13 May, 2025

This is to certify that
Tetiana Shestakevych

has completed this course involving conceptual modeling of complex systems and, importantly, applied this approach to a case study with focus on applied-science issues and decision support.

The results were presented orally and as posters.
PLATFORM website (https://kermitcooperation.wixsite.com/platform).
Participants from several institutes have been involved and networking is also an important goal. Conceptual modeling was used as a tool for several important steps in project initiation, including: 1) Identification and Characterization of the "system" related to a case study, 2) System Structural Analysis of this system, and 3) Multi-Criteria Evaluation as a synthesis modeling tool for scenario predictions and applied interpretations. AI assistance involved testing ChatGPT in order to provide a more holistic perspective by complementing group diversity, making participants aware of related topics outside their own disciplines. An AI Workshop was also led by Jane Klepa (SET Univ., Kyiv) to help explore possibilities. The theory and case-study discussions and the presentations of this course involved 12 hours of scheduled webinars and considerably more time for individual and group development of case-study applications. The course has been presented in English. At Univ. Gothenburg participants would normally be registered for the course "Advanced Project in Earth Sciences" (GVN75A). Totally, the course activities are considered approximately equivalent to 5 ECTS credits.

22 May 2025

Rodney Stevens

Course leader
Prof. emeritus Rodney Stevens, Dept. Earth Sciences
University of Gothenburg, Sweden