

## **Managing ecosystem services by using a food-web model. Is it doable?**

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The need to manage the services that the ecosystem provides always been a challenge for decision makers and the science community that need to provide the knowledge that will support decisions and policy. The task is not "straight forward" and the methods are not always clear. In the last several years due to technological developments, models had started to play an important role in analyzing ecosystems and the various ecosystem components such as the biotic and abiotic components. Food-web models are one sector of the models which highlights the flow of energy between different groups in the ecosystem. Using food-web models we can provide answers to "what if" questions, especially regarding the human uses of the ecosystem services. In the presentation, I will show several examples of how food-web models have been used or could have been used in the decision making process.