

## Game-based learning for soil education: the Living Soil Workshop.

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### Description:

Soils are a complex, and fascinating system and our scientific understanding of them is in rapid development. Yet, it is difficult to communicate these findings to a broader audience. It can also be difficult for people with different backgrounds to understand each other when talking about soil. That's where the Living Soil Workshop comes in. The Living soil workshop is a serious game developed to understand the causal relationships in the soil system and how our choices can influence them. It illustrates the complex life, chemistry, and physics of soils to different stakeholders in an interactive way. It also supports the creation of a common language to discuss solutions for sustainable soil management.

During this masterclass we introduce a game-based learning approach for soil education and play a session of the Living Soil Workshop.

**Theme:** Solis for society

**Keywords:** Game based learning, extension, education.

**Type of masterclass:** Tutorial

