

# Trade-off analysis of conventional and organic crop rotations under current and future climate scenarios in Finland

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UNIVERSITÀ  
DEGLI STUDI  
DI MILANO





**EJP** SOIL  
ΣΟΜΜΙΤ



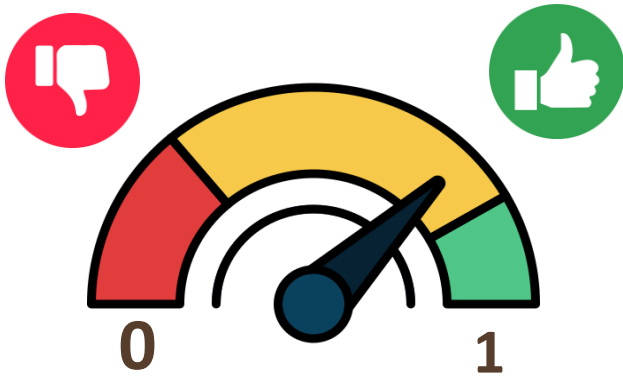
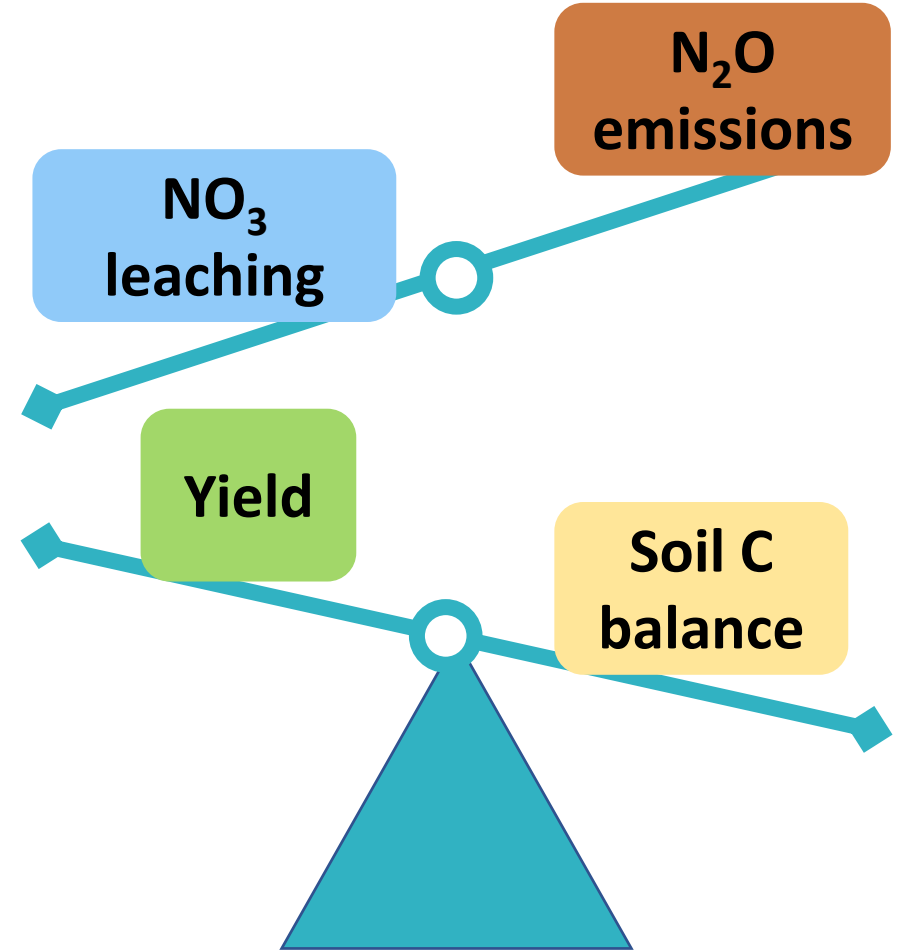
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ARTEMIS





Identify the best crop rotation strategy

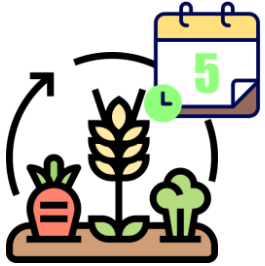
Trade-offs



Fuzzy logic based composite index



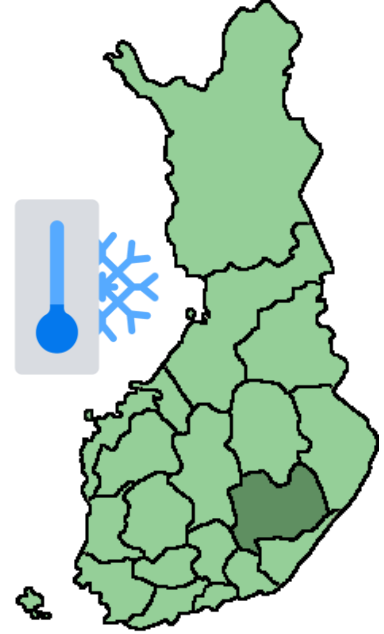
Finland, South Savo



9 rotation strategies



VS



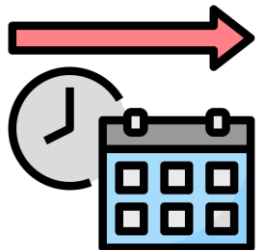
ARMOSA  
crop model

Yield

Soil C  
balance

N<sub>2</sub>O  
emissions

NO<sub>3</sub>  
leaching



historical (1999-2022)

future (2040-2069 & 2070-2100)



Curious about the results? 😊

Join us at the poster session!

